

Adabas Review

Adabas Review Reference

Version 5.2.1

October 2022

This document applies to Adabas Review Version 5.2.1 and all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

Copyright © 2022 Software AG, Darmstadt, Germany and/or Software AG USA, Inc., Reston, VA, USA, and/or its subsidiaries and/or its affiliates and/or their licensors.

The name Software AG and all Software AG product names are either trademarks or registered trademarks of Software AG and/or Software AG USA, Inc. and/or its subsidiaries and/or its affiliates and/or their licensors. Other company and product names mentioned herein may be trademarks of their respective owners.

Detailed information on trademarks and patents owned by Software AG and/or its subsidiaries is located at <http://softwareag.com/licenses>.

Use of this software is subject to adherence to Software AG's licensing conditions and terms. These terms are part of the product documentation, located at <http://softwareag.com/licenses/> and/or in the root installation directory of the licensed product(s).

This software may include portions of third-party products. For third-party copyright notices, license terms, additional rights or restrictions, please refer to "License Texts, Copyright Notices and Disclaimers of Third-Party Products". For certain specific third-party license restrictions, please refer to section E of the Legal Notices available under "License Terms and Conditions for Use of Software AG Products / Copyright and Trademark Notices of Software AG Products". These documents are part of the product documentation, located at <http://softwareag.com/licenses> and/or in the root installation directory of the licensed product(s).

Use, reproduction, transfer, publication or disclosure is prohibited except as specifically provided for in your License Agreement with Software AG.

Document ID: REV-AREVREF-521-20220309

Table of Contents

1 About this Documentation	1
Document Conventions	2
Online Information and Support	2
Data Protection	3
2 Command Reference	5
Issuing Commands	8
Command List - Quick Reference	9
AA Command	12
ACCPT Command	12
AH Command	12
AOS or AO Command	12
CD Command	13
CH Command	13
CHECK Command	13
CL Command	14
COLOR Command	15
CONFIGDB Command	15
CONVERT HISTORY Command	16
CM Command	16
CP Command	17
CR Command	17
DBID Command	18
DD Command	18
DISPLAY Command	19
DL Command	20
DZSTAT Command	21
EB Command	23
EC Command	24
EL Command	24
EP Command	25
ER Command	26
ES Command	26
ET Command	27
EU Command	28
EX Command	28
EXIT Command	28
FIELD, FLDS or LF Command	29
FIN or QUIT Command	30
FLDS Command	30
GENAUTO or GA Command	31
GENCARD or GC Command	32
HC or PRINT Command	33
HELP Command and ? Command	34

HUB Command	35
IN Command	35
INSTALL UP or INSTALL DB Commands	36
LC Command	36
LF Command	37
LH Command	37
LOG Command	37
LOGO Command	38
LOGON Command	39
LR Command	39
LS Command	40
LT Command	40
LU Command	40
MENU Command	41
MSG Command	42
NAT Command	42
NUCID Command	43
NUC LIST Command	44
OPTNS Command	44
PH Command	45
PR Command	45
PRINT Command	45
PS Command	45
PT Command	46
PU Command	46
QUIT Command	46
RA Command	47
RECAT Command	48
REFRESH or RF Command	49
REGEN or RG Command	50
RESET HISTORY FILE Command	50
RF Command	51
RG Command	51
RULES Command	51
SAVE Command	51
SCHEDULE or SC Command	52
SETA Command	52
SETFILE or SET Command	54
SORT Command	54
START or ST Command	56
SU Command	57
SWITCH or SW Command	58
TECH Command	58
VIEW or VW Command	59
VIEWX or VX Command	60

VW Command	60
VX Command	60
ZIIP Command	60
3 Field Reference	63
Field Categories	73
Alphabetic Field Listing	78
Fields Available for Client Reports	78
Adabas Review Duration Field Derivations	87
Fields Referring to the Adabas Global User ID or Adabas Communication ID	90
ABALLOC Field	92
ABDATE Field	92
ABENT Field	93
ABPCT Field	94
ABSIZE Field	94
ABTIME Field	95
ABUSED Field	96
ACBUSER Field	96
ACCTINF2 Field	97
ACCTINFO Field	98
ACINAME Field	99
ADADURA Field	100
ADDIT1 Field	100
ADDIT2 Field	101
ADDIT3 Field	102
ADDIT4 Field	103
ADDIT5 Field	103
AFP Field	104
ASSOIO Field	105
ASSOREAD Field	105
ASSOWRIT Field	106
ASSOREAG Field	107
ASSOWRIG Field	107
AUTORSRT Field	108
BUFFEFF Field	109
BUFFLUSH Field	110
BUFFLUSG Field	110
BUFFWAIT Field	111
CALLPGM Field	112
CALLTYPE Field	113
CCALLS Field	113
CCALLU Field	114
CDURA Field	115
CID Field	116
CIDALPHA Field	116

CLIENT Field	117
CLREADS Field	118
CLWRITES Field	118
CMD Field	119
CMDNAME Field	120
CMDRESP Field	120
CMDSTAT Field	121
CMDTYPE Field	122
CMPRECL Field	123
COMMANDS Field	123
CPUID Field	124
CQALLOC Field	125
CQDATE Field	125
CQDURA Field	126
CQENT Field	127
CQES Field	127
CQEUID Field	128
CQJOB Field	129
CQMAXENT Field	129
CQPCT Field	130
CQSIZE Field	131
CQTIME Field	131
CQUQADDR Field	132
CQUSED Field	133
CRCVDURA Field	133
CWRKDURA Field	134
DATAIO Field	135
DATAREAD Field	136
DATAWRIT Field	136
DATAAREAG Field	137
DATAWRIG Field	138
DATE Field	138
DAY Field	139
DBID Field	140
DBNAME Field	140
DESUPD Field	141
DQALLOC Field	142
DQDATE Field	142
DQENT Field	143
DQPCT Field	144
DQSIZE Field	144
DQTIME Field	145
DQUSED Field	146
DURATION Field	146
ENDDATE Field	147

ENDTIME Field	148
ENQDURA Field	148
ERRFLDNM Field	149
ERRFLDOF Field	150
ESTCPU Field	150
ETID Field	151
FB Field	152
FBFIELDS Field	153
FBL Field	153
FBSEGnn Field	154
FILE Field	155
FILENAME Field	156
FILETYPE Field	157
FLSHBLKS Field	157
FLSHPH Field	158
FLSHIOS Field	159
FLSHRTNE Field	159
FLSHRTNI Field	160
FLSHRTNL Field	161
FORMATOW Field	161
FORMATOG Field	162
FORMATTR Field	163
FULLSTCK Field	163
GLOBFMID Field	164
HLCMDS Field	165
HOLDISN Field	165
HOUR Field	166
HQALLOC Field	167
HQDATE Field	167
HQENT Field	168
HQPCT Field	169
HQSIZE Field	169
HQTIME Field	170
HQUSED Field	171
HQUSRENT Field	171
IB Field	172
IBL Field	173
IBSEGnn Field	173
INTCMDS Field	174
IOS Field	175
IOCOMP Field	176
IOFUNC Field	176
IOLIST Field	177
IOPHYS Field	178
IORABN Field	179

IOTOCMD Field	179
IOTYPE Field	180
IOVOLSER Field	181
ISN Field	182
ISNLL Field	182
ISNQ Field	183
JMREDATE Field	184
JOBCLASS Field	185
JOBID Field	185
JOBNAME Field	186
JOBNUM Field	187
L3DE Field	187
LANGID Field	188
LFPALLOC Field	189
LFPDATE Field	189
LFPENT Field	190
LFPMAX Field	191
LFPPCT Field	191
LFPSIZE Field	192
LFPTIME Field	193
LFPUSED Field	193
LGREADS Field	194
LOCLCMDS Field	195
LPARNAME Field	195
LUNAME Field	196
LWPALLOC Field	197
LWPDATE Field	197
LWPENT Field	198
LWPMAX Field	199
LWPMXENT Field	199
LWPPCT Field	200
LWPSIZE Field	201
LWPTIME Field	201
LWPUSED Field	202
MB Field	203
MBL Field	203
MBSEGnn Field	204
MOCAJOB Field	205
MOCASECU Field	205
MOCAUSER Field	206
MOIOJOB Field	207
MOIOSECU Field	207
MOIOUSER Field	208
MONAME Field	209
MONTH Field	209

MOSTCALL Field	210
MOSTTHTI Field	211
MOSTIOS Field	211
MOTTJOB Field	212
MOTTSECU Field	213
MOTTUSER Field	213
MULTICNT Field	214
NATAPPL Field	215
NATCLTID Field	215
NATCOUNT Field	216
NATEXEC Field	217
NATGRP Field	218
NATLEVEL Field	218
NATLIB Field	219
NATPROG Field	220
NATRPCCO Field	220
NATRPCID Field	221
NATSTMT Field	222
NATUID Field	223
NUCID Field	223
NUCCPU Field	224
NUCDURA Field	225
NUCWAIT Field	225
NUCSDATE Field	226
NUCSTIME Field	227
OP1 Field	227
OP2 Field	228
OP3 Field	229
OPERCMD5 Field	229
OPSYSID Field	230
OPSYSNAM Field	231
ORGCID Field	231
ORGDURA Field	232
PB Field	233
PBL Field	233
PBSEGnn Field	234
PIALLOC Field	235
PIDATE Field	235
PIENT Field	236
PIPCT Field	237
PISIZE Field	237
PITIME Field	238
PIUSED Field	239
PLOGBLKS Field	239
PLOGDIFF Field	240

PLOGIOS Field	241
PLREADS Field	241
PLWRITES Field	242
PRI Field	243
QUARTER Field	243
RB Field	244
RBL Field	245
RBSEGnn Field	245
RDALLOC Field	246
RDDATE Field	247
RDENT Field	247
RDPCT Field	248
RDSIZE Field	249
RDTIME Field	249
RDUSED Field	250
RDBLKUSR Field	251
REMCMDS Field	251
REPINCTR Field	252
REPPNDTR Field	253
REPTOTTR Field	253
ROUTDURA Field	254
RPALLOC Field	255
RPDATE Field	255
RPENT Field	256
RPPCT Field	257
RPSIZE Field	257
RPTIME Field	258
RPUSED Field	259
RSP Field	259
RSPSUB Field	260
SB Field	261
SBFIELDS Field	262
SBL Field	262
SBSEGnn Field	263
SCALLOC Field	264
SCDATE Field	264
SCENT Field	265
SCPCT Field	266
SCSIZE Field	266
SCTIME Field	267
SCUSED Field	268
SECGID Field	268
SECONDS Field	269
SECUID Field	270
SESSIONS Field	271

SEQUENCE Field	271
SRCTYPE Field	272
STEPNAME Field	273
STRTDAT Field	274
STRTTIME Field	274
SVC Field	275
SYSCMD Field	276
THBKISN Field	276
THBKSPAC Field	277
THDNUM Field	278
THDURA Field	278
THREAD Field	279
THREADSW Field	280
THROWBKS Field	280
TIALLOC Field	281
TID Field	282
TIDATE Field	282
TIENT Field	283
TIME Field	284
TIPCT Field	284
TISIZE Field	285
TITIME Field	286
TIUSED Field	286
TOTALCMD Field	287
TOTALIOS Field	288
TOTDURA Field	289
TOTREADS Field	289
TOTWRITES Field	290
TPTRANCT Field	291
TPTRANNM Field	292
TPUSERID Field	292
TRANSID Field	293
TRUENAME Field	294
TSALLOC Field	295
TSDATE Field	295
TSENT Field	296
TSPCT Field	297
TSSIZE Field	297
TSTIME Field	298
TSUSED Field	299
UBUID Field	299
UCMPRECL Field	300
UFALLOC Field	301
UFDAT Field	301
UFENT Field	302

UFPCT Field	303
UFSIZE Field	303
UFTIME Field	304
UFUSED Field	305
UOWID Field	305
UQALLOC Field	306
UQDATE Field	307
UQENT Field	308
UQPCT Field	308
UQSIZE Field	309
UQTIME Field	310
UQUID Field	310
UQUSED Field	311
USERCMD Field	312
USERID Field	312
USERTYPE Field	313
USRFLDnn Field	314
VB Field	314
VLB Field	315
VBSEGnn Field	315
WEEK Field	316
WEEKDAY Field	317
WIALLOC Field	317
WIDATE Field	318
WIENT Field	319
WIPCT Field	319
WISIZE Field	320
WITIME Field	321
WIUSED Field	321
WK1PBLKS Field	322
WK1PDIFF Field	323
WK1PIOS Field	323
WORK-IO Field	324
WORKIO Field	325
WORKREAD Field	325
WORKWRIT Field	326
WORKREAG Field	327
WORKWRIG Field	327
W1ALLOC Field	328
W1DATE Field	329
W1ENT Field	329
W1PCT Field	330
W1SIZE Field	331
W1TIME Field	331
W1USED Field	332

W1BALLOC Field	333
W1BDATE Field	333
W1BENT Field	334
W1BPCT Field	335
W1BSIZE Field	335
W1BTIME Field	336
W1BUSED Field	337
W2ALLOC Field	337
W2DATE Field	338
W2ENT Field	339
W2PCT Field	339
W2SIZE Field	340
W2TIME Field	341
W2USED Field	341
W3ALLOC Field	342
W3DATE Field	343
W3ENT Field	343
W3PCT Field	344
W3SIZE Field	345
W3TIME Field	345
W3USED Field	346
XIDALLOC Field	347
XIDDATE Field	347
XIDENT Field	348
XIDPCT Field	349
XIDSIZE Field	349
XIDTIME Field	350
XIDUSED Field	351
YEAR Field	351
ZIIP Field	352
15M Field	353
1M Field	354
1SEC Field	354
5M Field	355
4 Supplied Report Reference	357
Application File Field Usage Report	359
Adabas Buffer Pool Display Report	363
Command Logging Report	364
Commands By Hour Report	365
Cost Accounting Example Report	366
Descriptor Usage Report	366
Exceptional Response Codes Report	368
File Usage Report	369
Hourly Database Overview Report	371
I/O Count by Hour Report	372

I/O Summary... Reports	373
Job Overview Report	376
Last 500 Adabas Calls Report	377
Long Running Commands Report	379
Maximum PCT Space Used	380
Natural Program Trace Report	382
Natural Summary Report	383
Natural Transaction Trace Report	385
PRILOG Report	387
Rate of Commands and I/Os by Date Report	388
Rate of Commands and I/Os by Hour Report	389
Remote Physical Calltype	391
Schedule File Usage Report	392
Summary Report by File Report	392
Thread Activity Report	394
Thread Activity by Command Report	396
Transaction Count... Reports	398
Transaction Detailed Information Report	402
Transaction Summary by User Report	404
Who is Using Natural? Report	405
Who Uses SYSMAIN? Report	407
Worst Calls... Reports	409
Worst Transactions... Reports	421
ZIIP Usage Per Command	428
5 Summary Record Layout	431
The Header Portion	432
The Schema Portion	433
The Data Portion	434
Calculating the Number of Summary Records That Can Be Stored	435
6 User Exit Reference	437
P-UEXIT1, P-UEXIT2 and P-UEXIT3: Review Natural User Exits	438
REVUEX1: User Field User Exit	439
REVUEX5: Adabas Review Hub Event Handler (Adabas Exit 5)	441
REVUXDET: Report Exit for Detailed Reports	443
REVUXLOG: Command, Summary, or Raw Logging User Exit	444
REVUXSUM: Report Exit for Summary Reports	445
7 ADARUN Parameters for Adabas Review	449
ADARUN Parameter Syntax	450
CT Parameter: Command Timeout Limit	451
FORCE Parameter: Allow Nucleus Database ID or Review Hub Table Entry Overwrite	452
LOCAL Parameter: Local Adabas Review Hub	453
LOGGING / LOGxxxx Parameters: Command Logging Control	454
NAB Parameter: Number of Attached Buffers	455
NC Parameter: Number of Command Queue Elements	456

PROGRAM Parameter: Program to Run 457

REVFILTER Parameter: Review Record Filtering Control 458

REVIEW Parameter: Adabas Review Control 459

REVLOGBMAX Parameter: Logged Buffer Size Limit for Review 460

REVLOGMAX Parameter: Total Logged Buffer Size Limit for a Review
Command 461

RVCLIENT Parameter: Adabas Review Client Reporting Activation 461

SVC Parameter: SVC Number 462

ZIIP Parameter: Activate Usage of Adabas for zIIP 463

Index 465

1

About this Documentation

■ Document Conventions	2
■ Online Information and Support	2
■ Data Protection	3

Document Conventions

Convention	Description
Bold	Identifies elements on a screen.
Monospace font	Identifies service names and locations in the format <i>folder.subfolder.service</i> , APIs, Java classes, methods, properties.
<i>Italic</i>	Identifies: Variables for which you must supply values specific to your own situation or environment. New terms the first time they occur in the text. References to other documentation sources.
Monospace font	Identifies: Text you must type in. Messages displayed by the system. Program code.
{ }	Indicates a set of choices from which you must choose one. Type only the information inside the curly braces. Do not type the { } symbols.
	Separates two mutually exclusive choices in a syntax line. Type one of these choices. Do not type the symbol.
[]	Indicates one or more options. Type only the information inside the square brackets. Do not type the [] symbols.
...	Indicates that you can type multiple options of the same type. Type only the information. Do not type the ellipsis (...).

Online Information and Support

Product Documentation

You can find the product documentation on our documentation website at <https://documentation.softwareag.com>.

In addition, you can also access the cloud product documentation via <https://www.software-ag.cloud>. Navigate to the desired product and then, depending on your solution, go to “Developer Center”, “User Center” or “Documentation”.

Product Training

You can find helpful product training material on our Learning Portal at <https://knowledge.softwareag.com>.

Tech Community

You can collaborate with Software AG experts on our Tech Community website at <https://tech-community.softwareag.com>. From here you can, for example:

- Browse through our vast knowledge base.
- Ask questions and find answers in our discussion forums.
- Get the latest Software AG news and announcements.
- Explore our communities.
- Go to our public GitHub and Docker repositories at <https://github.com/softwareag> and <https://hub.docker.com/publishers/softwareag> and discover additional Software AG resources.

Product Support

Support for Software AG products is provided to licensed customers via our Empower Portal at <https://empower.softwareag.com>. Many services on this portal require that you have an account. If you do not yet have one, you can request it at <https://empower.softwareag.com/register>. Once you have an account, you can, for example:

- Download products, updates and fixes.
- Search the Knowledge Center for technical information and tips.
- Subscribe to early warnings and critical alerts.
- Open and update support incidents.
- Add product feature requests.

Data Protection

Software AG products provide functionality with respect to processing of personal data according to the EU General Data Protection Regulation (GDPR). Where applicable, appropriate steps are documented in the respective administration documentation.

2 Command Reference

■ Issuing Commands	8
■ Command List - Quick Reference	9
■ AA Command	12
■ ACCPT Command	12
■ AH Command	12
■ AOS or AO Command	12
■ CD Command	13
■ CH Command	13
■ CHECK Command	13
■ CL Command	14
■ COLOR Command	15
■ CONFIGDB Command	15
■ CONVERT HISTORY Command	16
■ CM Command	16
■ CP Command	17
■ CR Command	17
■ DBID Command	18
■ DD Command	18
■ DISPLAY Command	19
■ DL Command	20
■ DZSTAT Command	21
■ EB Command	23
■ EC Command	24
■ EL Command	24
■ EP Command	25
■ ER Command	26
■ ES Command	26
■ ET Command	27
■ EU Command	28
■ EX Command	28
■ EXIT Command	28
■ FIELD, FLDS or LF Command	29

■ FIN or QUIT Command	30
■ FLDS Command	30
■ GENAUTO or GA Command	31
■ GENCARD or GC Command	32
■ HC or PRINT Command	33
■ HELP Command and ? Command	34
■ HUB Command	35
■ IN Command	35
■ INSTALL UP or INSTALL DB Commands	36
■ LC Command	36
■ LF Command	37
■ LH Command	37
■ LOG Command	37
■ LOGO Command	38
■ LOGON Command	39
■ LR Command	39
■ LS Command	40
■ LT Command	40
■ LU Command	40
■ MENU Command	41
■ MSG Command	42
■ NAT Command	42
■ NUCID Command	43
■ NUC LIST Command	44
■ OPTNS Command	44
■ PH Command	45
■ PR Command	45
■ PRINT Command	45
■ PS Command	45
■ PT Command	46
■ PU Command	46
■ QUIT Command	46
■ RA Command	47
■ RECAT Command	48
■ REFRESH or RF Command	49
■ REGEN or RG Command	50
■ RESET HISTORY FILE Command	50
■ RF Command	51
■ RG Command	51
■ RULES Command	51
■ SAVE Command	51
■ SCHEDULE or SC Command	52
■ SETA Command	52
■ SETFILE or SET Command	54
■ SORT Command	54

▪ START or ST Command	56
▪ SU Command	57
▪ SWITCH or SW Command	58
▪ TECH Command	58
▪ VIEW or VW Command	59
▪ VIEWX or VX Command	60
▪ VW Command	60
▪ VX Command	60
▪ ZIIP Command	60

This documentation describes the commands that may be used in Adabas Review, and the use of function codes and commands to navigate through the system. All function codes and most commands have been introduced in context in other parts of this documentation.

The commands described in this section may be used within Adabas Review. Some may be entered on the command line of any Adabas Review screen; others are specific to a particular function. Refer to the description of the particular command for more information.

Terms enclosed in (square) brackets (e.g., [report-name]) are optional. Braces ({ }) enclose possible (mutually exclusive) options. Unless qualified by (square) brackets ([]), one of the terms listed within the braces must be chosen.

Please note that the following commands may be used throughout Adabas Review:

COLOR
EXIT
FIN
HELP
LOGO
MENU
MSG
QUIT

These commands are also described in section *Using Adabas Review Commands* in *Adabas Review Concepts Manual*.

Issuing Commands

➤ **To issue an Adabas Review command:**

- Type the command on the command line and press ENTER

Or:

Press the PF key corresponding to the command, if applicable.

Command List - Quick Reference

The following table lists all of the commands available for use in Adabas Review. This table is provided as a quick reference of the commands.

Command	Use to...
AA	list target objects for a particular SVC
ACCPT	accept (temporarily save) selections or changes to selections
AH	list available Adabas Review hubs
AOS or AO	access Adabas Online System
CD	change DBID
CH	compress history data
CHECK	check if all defined display programs are executable
CL	close (suspend) report
COLOR {[ON] OFF}	display color attributes or turn color off
CONFIGDB	display the parameters specified in the CONFIGDB text file
CONVERT HISTORY	convert history data from one release to another, if requested
CM	manage the client reporting engine (turn it on or off)
CP[report-name]	change display program
CR	copy report definition
DBID=dbid	change the database
DD	display report information
DISPLAY {[=]BASIC EDITOR}	set the method for handling display modules
DL[report-name]	download report output or history data
EB	access and edit Buffer Pool Report
EC	access and edit a client report
EL	Edit Pulse report
EP [report-name]	access and edit display program
ER [report-name]	access and edit report definition
ES	access the Specialty Report Types menu, which provides access to the buffer pool, pulse, client monitor, and cluster services reports. This menu also allows you to review client monitor management settings.
ET [target-number]	access and edit target object definitions
EU [{DEFAULT userid}]	access and edit user profile
EX	expand list of history reports

Command	Use to...
EXIT	return to previous screen . When this command is entered on the Main Menu, the Adabas Review Natural P-UEXIT3 user exit is run.
FIELD [<i>field-type1 field-type2 ...</i>]	list database fields
FIN	terminate Adabas Review session
FLDS [<i>field-type1 field-type2 ...</i>]	list database fields
GENAUTO or GA	force regeneration of control statements for all autostarted reports
GENCARD or GC	generate report parameter cards for user-specified reports
HC [<i>report-name</i>]	print report output or history data (hard copy)
HELP	display help for screen or field
HUB= <i>hubid</i>	change the hub database
IN	display storage and processing information for active reports
INSTALL {DB UP}	completes the installation of the Adabas Review user profile system (INSTALL UP) or the Adabas Review data file (INSTALL DB). These commands must be entered at a Natural prompt for SYSREVDDB.
LC	list sceduled reports
LF [<i>field-type1 field-type2 ...</i>]	list database fields
LH	list history reports
LOG	in local mode only, reset selected parameters dynamically
LOGO	display Adabas Review logo screen
LOGON <i>library-name</i>	logon to the specified library
LR	list report definitions
LS	list started reports
LT	list target object definitions
LU	list user profiles
MENU	access the Adabas Review main menu
MSG [<i>message-number</i>]	display detailed explanation of the specified Adabas Review message
NAT	exit Adabas Review and return to Natural
NUC LIST	monitor specific nucleus IDs separately when running in local mode by selecting the nucleus IDs from a list
NUCID	monitor specific nucleus IDs separately when running in local mode
OPTNS	access and edit report options
PH	purge history data from expanded list
PR	purge report definition

Command	Use to...
<code>PRINT [report-name]</code>	print report output or history data
<code>PS</code>	purge (started) report output
<code>PT</code>	purge target object definition
<code>PU</code>	purge user profile
<code>QUIT</code>	terminate Adabas Review session
<code>RA [report-name]</code>	reactivate suspended report
<code>RECAT</code>	catalog display programs without re-generating them
<code>REFRESH [report-name]</code>	refresh report
<code>REGEN [report-name]</code>	regenerate display program
<code>RESET HISTORY FILE</code>	unlock history file locked as a result of the abnormal termination of the history compression program
<code>RF [report-name]</code>	refresh report
<code>RG [report-name]</code>	regenerate display program
<code>RULES</code>	access and edit report processing rules
<code>SAVE</code>	save report definition; write to Adabas Review repository
<code>Schedule[report-name]</code>	schedule report
<code>SETA</code>	access a repository, possibly on a different hub
<code>SETfile</code>	access different Adabas Review repositories
<code>SORT</code>	dynamically change sort options from view (VW) of started report results
<code>STart[report-name]</code>	start report
<code>SU [report-name]</code>	suspend a started report
<code>Switch [report-name]</code>	switch CLOG data sets
<code>TECH</code>	displays environmental and maintenance information about the installed Adabas Review system
<code>VIEW [report-name]</code>	view started report, report output, or history data
<code>VIEWX [report-name]</code>	view started report, report output, or history data with Software AG Editor display program
<code>VW [report-name]</code>	view started report, report output, or history data
<code>VX [report-name]</code>	view started report, report output, or history data with Software AG Editor display program
<code>ZIIP[=]{YES NO}</code>	allows changing the zIIP parameter.
<code>ZIIP [REVB MAIN HIST AUTO]</code>	displays statistics about the execution of Adabas Review in zIIP mode.
<code>?</code>	display help for a field

AA Command

Target objects are databases that may be monitored by Adabas Review. The AA (available Adabas nuclei) command is used to list the Adabas target objects for a particular supervisor call number (SVC) and provides a “snapshot” of processing activity as seen through Adabas Review.

For more information, see *Displaying SVC Lists and Target Objects* in the *Adabas Review Administration Guide*.

ACCPT Command

The ACCPT command is used within the Edit Report (ER) function to save changes temporarily while you are working on another portion of the report. The ACCPT command does not save changes to disk.

Enter the ACCPT command on the command line of the Report Options screen in the Edit Report function.

For more information, see various subsections of the section *Maintaining Standard Database and Client Reports* in *Maintaining Report Definitions*, in the *Adabas Review User Guide*.

AH Command

The AH (available Adabas Review hubs) command is used to list the available Adabas Review hubs for a particular supervisor call number (SVC).

For more information, see *Displaying SVC Lists and Target Objects* in the *Adabas Review Administration Guide*.

AOS or AO Command

Adabas Online System (AOS) is a selectable unit of Adabas that enables database administrators to monitor and change aspects of an Adabas database interactively. For more information, refer to the *Adabas DBA Tasks Manual* documentation provided with your Adabas installation.

If Adabas Online System is installed on your system and you have access privileges to it, you can access it by entering the AOS command on the command line of any Adabas Review screen. For more information, see the section *Accessing Adabas Online System (AOS) from SYSREVD*, in the *Adabas Review Concepts Manual*.

CD Command

Each report collects data from a particular database. The `CD` command is used within the `List Report Definitions (LR)` function to change that database; that is, to change the `DBID`. The `CD` command is issued from the Report Definitions screen. Specify a valid database ID or the word "ALL" to trigger a `DBID=ALL` report.

In hub mode, a `DBID=ALL` report collects data from all databases running on the same SVC as the hub (the databases must have been started with the `ADARUN REVIEW` parameter set to a hub ID). You can specify `DBID=ALL` for user-defined reports and for most of the predefined Adabas Review reports except for the Buffer Pool reports, the Pulse reports, and the Cluster Services reports. In local mode, a `DBID=ALL` report collects data only from the local database.

For more information, see the section *Changing the DBID in Maintaining Report Definitions*, in the *Adabas Review User Guide*.

CH Command

The `CH` (compress history) command summarizes all history report occurrences within a date range into a single report occurrence. The original report occurrences are then purged. Although this command can dramatically reduce the number of records used to represent the report, it also denies you the possibility of thereafter viewing the data by different data ranges.

If the `CH` command terminates abnormally for any reason, the original history data could be lost; therefore, Software AG recommends backing up your data before executing this command. If an abnormal termination occurs, the history file is locked against further compression attempts for any report by any user. See the `RESET HISTORY FILE` command for information about unlocking the history file.

For more information, see the section *Compressing Accumulated History Report Data* in *Managing History Data*, in the *Adabas Review User Guide*.

CHECK Command

The `CHECK` command determines all display programs defined for existing report definitions. It checks if source and object exist and whether there are GDA timestamp conflicts. The Natural text member `RE-KLIST` containing the results will be generated and a message will be returned.

CL Command

The `CL` command is used within the List Started Reports (LS) or the List Scheduled Reports (LC) function to close a report. Closing a report means that the report is suspended, and the accumulated data is written to the output locations defined to the report. Data accumulated by the report before the command was issued may not be viewed online after the command completes.

If the report option `RESTART=Y` is specified, the report is restarted automatically after the `CL` command has been issued.

On the Started Reports or Scheduled Reports screen, enter the `CL` command on the selection line preceding the name of the report you are closing.

For more information, refer to the section *Closing Reports in Running Reports*, in the *Adabas Review User Guide*.

COLOR Command

```
COLOR { ON | OFF }
```

If you use a color terminal, the `COLOR` command may be used throughout Adabas Review to change the display from color to monochrome. `COLOR OFF` turns off the color display, and `COLOR ON` (the default) turns on the color display.

CONFIGDB Command

The `CONFIGDB` command allows displaying the `CONFIGDB` Review parameters without leaving the `SYSREVD` utility. The parameters are specified in the Natural text member `CONFIGDB` in library `SYSREVD`.

CONVERT HISTORY Command

CONVERT HISTORY

If required, you can use the CONVERT HISTORY command to convert your history data from one release of Adabas Review to another. Some releases of Adabas Review may require this to bring your older history data in sync with any new report data you will generate.



Caution: You should not run this command unless required by a given Adabas Review release; in different releases of Adabas Review this command may alter entirely different data (or none at all). To determine whether it is necessary to convert your history data for a given release and what data this command will alter, read the Release Notes for the release and the installation instructions. When you are required to run this command, you should run it only once, before you run any new reports with the new Adabas Review release. If you run it more than once, you run the risk of altering your history data more than necessary, rendering it unusable. If you run it after you have run new reports with the new Adabas Review release, you run the risk of altering the data in the new reports.

When you run the CONVERT HISTORY command, a series of pop-up panels appear, prompting you for information. For specific functionality of the CONVERT HISTORY report for any given release, read that release's Release Notes.

CM Command

The CM command allows you to manage the client reporting engine. Specifically, it allows you to turn the engine on or off.

You cannot run client reports unless the Adabas Review client engine is on. However, you can define client reports when the client engine is off.

For more information, see the section *Managing Client Reporting*, in the *Adabas Review Administration Guide*.

CP Command

A rectangular box with a thin blue border containing the text **CP** [report-name] in a blue, monospace-style font.

The **CP** command is used within the **List Report Definitions (LR)** function to change the display program used by the report.

The **CP** command may also be entered on the command line of any Adabas Review screen as follows:

```
CP report-name
```

A window appears giving the report name, the name of the current display program, and an input line for the name of the new display program.

For more information, see the section *Changing to a Different Display Program* in *Maintaining Display Programs*, in the *Adabas Review User Guide*.

CR Command

One way to create new reports is to use the **Copy Report Definition (CR)** command within the **List Report Definitions (LR)** function. The **CR** command is issued from the **Report Definitions** screen.

The **CR** command allows you to copy a report definition either to another Adabas Review repository, or to the current Adabas Review repository under a new name.

For more information, see the section *Copying a Report Definition* in *Maintaining Report Definitions*, in the *Adabas Review User Guide*.

DBID Command



```
DBID = dbid
```

The `DBID` command is used to change to another local Adabas Review or to another Adabas Review hub database. `DBID` functions as a synonym for the [HUB](#) command. The command may be entered on the command line of any screen. Specify the database ID number of the new local Adabas Review or the new hub database for *dbid*.

The message "DBID has been changed" indicates that the connection between the Adabas Review Natural code and the indicated Adabas Review hub has been successfully established.

If Adabas Review is unable to change to the database specified, or if the database specified is running an earlier version of Adabas Review, an error message is displayed describing the condition.

DD Command

The `DD` command is used to display selected information about a report including the identity of the user who saved it, its format (summary or detail), whether history data is collected for it; what control breaks are specified; what totals and what averages are specified.

For more information, see the section *Displaying Report Information* in *Maintaining Report Definitions*, in the *Adabas Review User Guide*.

DISPLAY Command

DISPLAY={BASIC | EDITOR}

or

DISPLAY {BASIC | EDITOR}



Note: In mode `DISPLAY=BASIC` Entire Connection is required to download data to a PC work file. In mode `DISPLAY=EDITOR`, data may be downloaded to a Natural work file too.

The `DISPLAY` command is an online possibility to change the mode for the generating display modules. Also the download, print (hardcopy) and edit display program function depend on the `DISPLAY` setting. The default value for the display mode will be read from the `CONFIGDB` file. `DISPLAY=BASIC` means that the traditional method will be used. `DISPLAY=EDITOR` means that display modules will be generated in structured mode, using the Software AG Editor. The command may be entered on the command line of any screen.

The current setting of the mode may is indicated on the LR screen. When on the right side of the screen the names of display modules start with `RD`, `SR` or `CR`, `DISPLAY` is set to `BASIC`. When the display module names start with `RX` or `SX`, `DISPLAY` is set to `EDITOR`.

DL Command

A rectangular box with a thin blue border containing the text **DL [report-name]** in a blue, monospace-style font.

The **DL** command is used to download data accumulated by a started report. It may also be used to download history data.

The **DL** command may be issued from either the Started Reports (LS function) screen, the Scheduled Reports (LC function) screen or the History Reports (LH function) screen by entering the command on the selection line preceding the report name.

The **DL** command may also be entered on the command line of any screen within Adabas Review as follows:

```
DL report-name
```

If the **DL** command is entered on the command line without a report name, the command applies to the report you last accessed.

After the command has been issued to download to a PC work file, Entire Connection prompts you for file and directory information. Entire Connection proceeds to download the report output to the file and directory specified.

For more information, see the section *Downloading Report Output* in *Managing Started Report Output*, in the *Adabas Review User Guide*.

DZSTAT Command

DZSTAT [,ALL]

Use the DZSTAT command to an Adabas Review nucleus that was started with ADARUN parameter ZIIP=YES to display statistics about the execution of Adabas Review in TCB mode and SRB mode and about the CPU time consumed on System z Integrated Information Processors (zIIP) and general processors (GP).

The statistics displayed by DZSTAT correspond and are equivalent to the zIIP-related statistics at the end of the nucleus session statistics. See *Understanding the zIIP-Related Statistics in the Adabas Review for zIIP* documentation for detailed information about the various statistical figures.

If only DZSTAT is specified, statistics about the following will be displayed:

- current execution mode: "SRB" (execution on zIIP enabled) or "TCB" (execution on zIIP disabled)
- CPU time consumed on GPs and zIIPs by the entire Adabas Review address space
- CPU time consumed on GPs and zIIPs by the Workload Manager enclave created for the Adabas Review main task
- TCB/SRB mode switches and parallel requests to the TCB

If DZSTAT ,ALL is specified, the following additional statistics will be displayed:

- "Extended statistics" about internal pause and release operations
- "Scheduling by type of work" statistics about reasons for switching modes or issuing parallel requests
- general processors (GP) and System z Integrated Information Processors (zIIP) in the system

Example

The following example output illustrates the zIIP-related statistics displayed by the DZSTAT command:

```
ADAN1Z dbid date time zIIP-related statistics:
ADAN1Z dbid date time Adabas is executing in SRB mode
ADAN1Z dbid date time
ADAN1Z dbid date time CPU times for Adabas address space
ADAN1Z dbid date time Total CPU time           =0:30:29.902
ADAN1Z dbid date time Non-enclave GP times=0:01:01.257
ADAN1Z dbid date time All enclave GP times=0:01:33.399
ADAN1Z dbid date time Enclave zIIP times  =0:27:55.245
ADAN1Z dbid date time Enclave zIIP time(%)=91.54
ADAN1Z dbid date time
```

```

ADAN1Z dbid date time CPU times for Adabas enclave
ADAN1Z dbid date time Total enclave CPU      =0:29:28.644
ADAN1Z dbid date time Enclave GP time       =0:01:33.398
ADAN1Z dbid date time Enclave zIIP time      =0:27:55.245
ADAN1Z dbid date time Enclave zIIP time(%)=94.71
ADAN1Z dbid date time
ADAN1Z dbid date time Eligible zIIP CPU      =0:28:08.148
ADAN1Z dbid date time Enclave zIIP time      =0:27:55.245
ADAN1Z dbid date time zIIP on GP             =0:00:12.903
ADAN1Z dbid date time zIIP on GP (%)         =0.76
ADAN1Z dbid date time
ADAN1Z dbid date time Mode switches          =1,739
ADAN1Z dbid date time Parallel requests      =2,224,887
ADAN1Z dbid date time No free element        =0
ADAN1Z dbid date time Per TCB pause          =2.38

```

The following additional statistics are displayed if the ALL parameter has been specified:

```

ADAN1Z dbid date time Extended statistics
ADAN1Z dbid date time
ADAN1Z dbid date time Pause SRB              =261
ADAN1Z dbid date time Release SRB            =0
ADAN1Z dbid date time Pause TCB              =933,077
ADAN1Z dbid date time Release TCB            =933,338
ADAN1Z dbid date time Pause for wait         =4,725,414
ADAN1Z dbid date time Release from wait      =5,020,326
ADAN1Z dbid date time
ADAN1Z dbid date time SRB/TCB scheduling by type of work
ADAN1Z dbid date time
ADAN1Z dbid date time EXCPs                  =2,225,552
ADAN1Z dbid date time Miscellaneous          =115
ADAN1Z dbid date time Operator commands      =4
ADAN1Z dbid date time Sequential writes      =209
ADAN1Z dbid date time Timer services         =328
ADAN1Z dbid date time User exit 8            =418
ADAN1Z dbid date time Number of GPs          =2
ADAN1Z dbid date time Number of zIIPs        =1
ADAN1Z dbid date time zIIP SMT threads       =2
ADAN1Z dbid date time Normalization factor   =10.97

```

See *Understanding the zIIP-Related Statistics in the Adabas Review for zIIP* documentation for detailed information about the various statistical figures.

EB Command

A sample report called “Buffer Pool Report” is created when Adabas Review is installed. The `EB` command is used to create, edit, and start buffer pool reports for specific databases being monitored based on the provided sample report.

For more information, see the section *Maintaining Buffer Pool Reports* in *Maintaining Report Definitions*, in the *Adabas Review User Guide*.

EC Command

A rectangular box with a thin blue border containing the text **EC [report-name]** in a blue, monospace-style font.

The **EC** command is used to create and modify Adabas Review client reports. It may be issued from any of the list report function screens (Report Definitions, Started Reports, and Adabas History Reports) on the selection line preceding the report name.

The **EC** command may also be issued on the command line of any screen within Adabas Review. To edit an existing report, or to create a new report, enter the command as follows:

```
EC report-name
```

For more information, see the section *Maintaining Standard Database and Client Reports* in *Maintaining Report Definitions*, in the *Adabas Review User Guide*.

EL Command

Pulse reports receive nucleus statistical data from Adabas on an interval basis. Adabas transmits a Pulse record to Adabas Review once for each interval period. With the **EL** command, a Pulse report can be defined and started.

For more information, see the section *Maintaining Adabas Pulse Reports* in *Maintaining Report Definitions*, in the *Adabas Review User Guide*.

EP Command

The image shows the command syntax 'EP [report-name]' in a blue, monospace-style font. It is enclosed within a thin blue rectangular border.

The `EP` command is used to edit the Natural program that displays the report results online when the `VIEW` or `VIEWX` command is issued. In mode `DISPLAY= BASIC` programs starting with `RD`, `SR` or `CR` will be edited. In mode `DISPLAY=EDITOR` programs starting with `RX`, `SX` or `CX` will be edited.

The `EP` command may be issued from any of the three list report function screens (Report Definitions, Started Reports, Scheduled Reports and Adabas History Reports) by entering the command on the selection line preceding the report name.

The command may also be issued on the command line of any screen in Adabas Review as follows:

```
EP report-name
```

For more information, refer to the section *Editing the Display Program* in *Maintaining Display Programs*, in the *Adabas Review User Guide*.

ER Command

A rectangular box with a thin blue border containing the text **ER [report-name]** in a blue, monospace-style font.

The **ER** command is used to create and modify regular Adabas Review database reports. It may be issued from any of the list report function screens (Report Definitions, Started Reports, Scheduled Reports and Adabas History Reports) on the selection line preceding the report name.

The **ER** command may also be issued on the command line of any screen within Adabas Review. To edit an existing report, or to create a new report, enter the command as follows:

```
ER report-name
```

For more information, see the section *Maintaining Standard Database and Client Reports* in *Maintaining Report Definitions*, in the *Adabas Review User Guide*.

ES Command

The **ES** command is used to access the Specialty Report Types menu, which provides access to the buffer pool, pulse, client monitor, and cluster services reports. This menu also allows you to review client monitor management settings.

The **ES** command may also be issued on the command line of any screen within Adabas Review. To access the Specialty Report Types menu, enter the command as follows:

```
ES
```

ET Command

ET [*target-number*]

The **ET** command is used by Adabas Review administrators to edit target definitions. This command is issued by from the Target Definitions screen (**LT** function) by entering the command on the selection line preceding the target's DBID.

The **ET** command may also be issued on the command line of any screen within Adabas Review. To edit an existing target, or to add a new target, enter the command as follows:

```
ET target-number
```

For more information, see *Displaying SVC Lists and Target Objects* in the *Adabas Review Administration Guide*.

EU Command

EU { DEFAULT | userid }

The **EU** command is used by Adabas Review administrators to create and edit user profiles, either the **DEFAULT** profile or the profile for a particular user ID.

For more information, read *User Profile Access Rules, Creating a User Profile, Editing a User Profile* or *Copying a User Profile* in the *Adabas Review Administration Guide*.

EX Command

The **EX** command is used within the **List History Reports (LH)** function. It “expands” the Adabas History Reports screen to list the dates when history data was accumulated by the report. For more information, see the section *Expanding the List of History Reports* in *Managing History Data*, in the *Adabas Review User Guide*.

The command is issued by entering the **EX** code on the selection line preceding the report name.

The **EX** command must be issued before attempting to purge history data.

EXIT Command

The **EXIT** command is used to terminate a function and return to the menu from which the function was called. This command is not to be confused with the **MENU** command, which terminates the function and returns to the Adabas Review main menu.



Note: When this command is entered on the Main Menu, the Adabas Review Natural **P-UEXIT3** user exit is run.

The **EXIT** command may be issued from any screen within Adabas Review. The command may be issued either by entering **EXIT** on the command line or by pressing **PF3**.

FIELD, FLDS or LF Command

```
{FIELD | FLDS | LF} [field-type1 field-type2 ... ]
```

The `FIELD`, `FLDS`, or `LF` command is used within the `Edit Report (ER)` function to display the data fields that may be used in reports:

- The list of field categories is displayed by entering the `FIELD`, `FLDS`, or `LF` on the command line of any screen within the `Edit Report (ER)` function.
- The list of fields for a particular category is displayed by entering the `FIELD`, `FLDS`, or `LF` command followed by one or more of the following category codes:

AC	Adabas control block fields
BU	Adabas buffer fields
IN	Interval and time fields
IO	Adabas I/O fields
NA	Natural fields
NU	Adabas nucleus fields
OP	Operating system fields
TP	Fields used to monitor transaction processing

For more information, refer to the section *Specifying Field Names in Maintaining Standard Database and Client Reports*, in the *Adabas Review User Guide*.

FIN or QUIT Command



{FIN | QUIT}

The `FIN` or `QUIT` command is used to exit from Adabas Review. It may be issued from any screen in Adabas Review. If exiting from the Adabas Review main menu, you may also press PF12 or PF3 .



Note: When this command is entered on the Main Menu, the Adabas Review Natural **P-UEXIT2** user exit is run.

FLDS Command

See the `FIELD` command.

GENAUTO or GA Command

`{GENAUTO | GA}`

The `GENAUTO` command is used to regenerate the control statements used by Adabas Review for autostarted reports. The `GENAUTO` command obtains target database information from the `List Target Definitions (LT)` function for the `INPUT` statement. For more information, read *Autostarted Reports in Adabas Review Concepts Manual* .

Ordinarily, Adabas Review maintenance procedures eliminate the need for users to regenerate these statements. In exceptional circumstances (e.g., the PDS becomes too full and requires compressing), you may either use the `GENAUTO` command or code the parameters manually.

You can issue the command by entering `GENAUTO` or `GA` on the command line of any screen within Adabas Review. A message confirms that the parameter statements have been regenerated.

GENCARD or GC Command

{GENCARD | GC}

The **GENCARD** command is used to generate batch parameter statements from one Adabas Review online report. The **GENCARD** command obtains target database information from the **List Target Definitions** ([LT](#)) function for the **INPUT** statement.

You can enter either **GENCARD** or **GC** on the command line of any screen within Adabas Review. A window appears, prompting you for the DD name of the output file and the report name. For more information, read *Generating Batch Report Parameters in Using Batch Facilities*, in the *Adabas Review User Guide*. The batch report parameters generated by **GENCARD** can be copied to the **RVUPARM** data set and used as input to an Adabas Review batch job.

HC or PRINT Command

```
{HC | PRINT} [report-name]
```



Note: The hard copy facility of Natural must be installed for this command.

The HC or PRINT command is used to send report results to a hard copy printer. The command may be issued from the list of history reports or the list of started or scheduled reports (LH, LS or LC functions) by entering the command HC on the selection line preceding the report name.

The command may also be entered on the command line of any Adabas Review screen as:

```
HC report-name
```

If the HC or PRINT command is entered on the command line without a report name, the command is applied to the report you last accessed.



Note: Using the mode DISPLAY=EDITOR, you can enter a printer name. The output will be written to report 1, defined with the Natural statement DEFINE PRINTER (1) OUTPUT <printer-id>.

For more information, see the section *Printing Report Results* in *Managing Started Report Output*, in the *Adabas Review User Guide*.

HELP Command and ? Command



```
{HELP | ?}
```

The `HELP` command may be issued from any screen within Adabas Review to obtain online help for that screen. The command provides general information regarding systems and/or functions within Adabas Review.

You can obtain help for a particular screen by either entering the `HELP` command on the command line or pressing `PF1`.

You can obtain help for a particular input field on a screen by entering a `?` on that field. If specific help for that field is not available, the general information supplied for the screen is displayed.

For more information, read *Using the Online Help System in Getting Started*, in *Adabas Review Concepts Manual*.

HUB Command

HUB = { *hubid* | AUTO }

The **HUB** command is used to change the hub database for Adabas Review. It may be entered on the command line of any screen. Specify the database identification number of the new hub database for *hubid* or specify "AUTO".

If "AUTO" is specified, the value of the hub ID is determined from the SVC of the current Natural session. If only one hub is running under the current SVC, that hub ID is used; if multiple hubs are running on this SVC, a pop-up window appears allowing you to select the hub to use. Note that this function only displays the available Adabas Review hubs which run on the default SVC that is specified in the ADALNK routine. If you need to connect to a hub on a different SVC than the default SVC, use the **HUB=*hubid*** version of this command, specifying the corresponding *hubid*. Be aware that the SVC needs to be accessible from within your online environment (i.e. using the SVC table feature , the Com-plete DBSVC feature, or others).

The message "HUB has been changed" indicates that the connection between the Adabas Review Natural code and the indicated Adabas Review hub has been successfully established.

If Adabas Review is unable to change to the hub database specified, or if the hub database specified has a version of Adabas Review prior to the current version installed, an error message is displayed describing the condition.

IN Command

The **IN** command is used to display storage and processing information for active Adabas Review reports. It is not available in batch mode.

For more information, see the section *Displaying Active Report Information in Running Reports*, in the *Adabas Review User Guide*.

INSTALL UP or INSTALL DB Commands

The `INSTALL UP` and `INSTALL DB` commands must be entered at a Natural prompt for `SYSREVD`. These commands are run automatically for you by Adabas Review when `SYSREVD` starts up for the first time. However, if you accidentally wipe out your repository, you can rebuild it manually using these commands.

- The `INSTALL UP` command recreates the supplied user profiles and sets up the Adabas Review user profile system. For more information about the supplied user profiles, read *Maintaining User Profiles*, in the *Adabas Review Administration Guide*.
- The `INSTALL DB` command sets up the Adabas Review data file. It loads the supplied sample reports and sets up the default target definition (prompting you for default SVC and database information). For more information, read *Starting Adabas Review for the First Time*, in the *Adabas Review z/OS Installation Guide*.

LC Command

The `LC` command is used to list all reports that have been scheduled and currently reside in the wait queue. From the list, you can use commands to suspend, reactivate, close, and refresh a report. You can view, download to a PC, print, or purge report output. Additionally, you can edit a report definition or its corresponding display program.

Optionally, you can specify the report name or partial report name you want the scheduled report list to scroll too. For example:

- Specifying `LC IO SUMMARY BY RABN*` will display the list of all scheduled reports, starting with the `IO SUMMARY BY RABN` report.
- Specifying `LC IO*` will display the list of all scheduled reports, starting with the first report with the name beginning with the word "IO". In this case, if both the `IO COUNT BY HOUR` and `IO SUMMARY BY RABN` reports are scheduled, the list would start at the `IO COUNT BY HOUR` report.



Note: You must specify an asterisk at the end of the full or partial report name in the `LC` command.

For more information, see the section *Listing Scheduled Reports in Running Reports*, in the *Adabas Review User Guide*.

LF Command

See the [FIELD](#) command.

LH Command

The `LH` command is used to list reports that have written history data to the Adabas Review repository. From this list, you can use commands to view, download to a PC, print, or purge history data. In addition, you can edit a report definition and its corresponding display program.

For more information, see the section *Listing History Reports* in *Managing History Data* in the *Adabas Review User Guide*.

LOG Command

The `LOG` command is used in local mode only to dynamically determine (that is, without cycling the system) whether:

- Adabas Review commands are processed in Adabas Review; that is, whether the Adabas Review command processor includes commands issued by the Adabas Review online system in its reports.
- Adabas commands are processed by Adabas Review; that is, whether the Adabas Review command processor includes commands issued by Adabas in its reports.



Note: Changes made by the `LOG` command are only valid as long as Adabas is running, and are not stored in a file; therefore, the changes remain in effect until Adabas and Adabas Review are restarted.

➤ To switch the value of one or more of these parameters dynamically

- 1 After the Review DB menu, type the `LOG` command on the command line and press `ENTER`.

The following window appears:

```

+-----+
|               |
| Review Dynamic Params |
|               |
| Process Review Commands.. Y |
| Process Adabas Commands.. Y |
|               |
| Enter-PF1---PF2---PF3---PF4---PF5--- |
|               |
|               |
| Exit           Update |
|               |
+-----+

```

- 2 Overtyping the current value of one or both parameters with the opposite value.
- 3 Press PF5 to implement the change; press PF3 to close the window. The change remains in effect until Adabas and Adabas Review are restarted.

LOGO Command

The `LOGO` command displays the Adabas Review Logo screen. The `LOGO` command may be issued on the command line of any Adabas Review screen.

LOGON Command



```
LOGON library-name
```

The LOGON command is used to exit Adabas Review and log on to the Natural library specified. Note that under Natural Security, your user ID must be defined to the library specified in order to log on to that library. It is not available in batch mode.



Note: When this command is entered on the Main Menu, the Adabas Review Natural **P-UEXIT2** user exit is run.

LR Command

The LR command is used to list all report definitions. From the list, you can use commands to maintain a report. Such commands are entered on the selection line preceding the name of the report in the list.

Optionally, you can specify the report name or partial report name you want the report definition list to scroll too. For example:

- Specifying LR IO SUMMARY BY RABN* will display the list of all report definitions, starting at the IO SUMMARY BY RABN report.
- Specifying LR IO* will display the list of all report definitions, starting with the first report with the name beginning with the word "IO". In this case, if both the IO COUNT BY HOUR and IO SUMMARY BY RABN reports are in the list, the list would start at the IO COUNT BY HOUR report.



Note: You must specify an asterisk at the end of the full or partial report name in the LR command.

For more information, see the section *Listing Report Definitions in Maintaining Report Definitions*, in the *Adabas Review User Guide*.

LS Command

The **LS** command is used to list all reports that are currently active. Reports get active if you start them. Or a reports get active if you schedule them and the report became active according to its scheduling options. From the list, you can use commands to suspend, reactivate, close, and refresh a report. You can view, download to a PC, print, or purge report output. Additionally, you can edit a report definition or its corresponding display program.

Optionally, you can specify the report name or partial report name you want the started report list to scroll too. For example:

- Specifying **LS IO SUMMARY BY RABN*** will display the list of all started reports, starting with the **IO SUMMARY BY RABN** report.
- Specifying **LS IO*** will display the list of all started reports, starting with the first report with the name beginning with the word "IO". In this case, if both the **IO COUNT BY HOUR** and **IO SUMMARY BY RABN** reports are started, the list would start at the **IO COUNT BY HOUR** report.



Note: You must specify an asterisk at the end of the full or partial report name in the **LS** command.

For more information, see the section *Listing Started Reports in Running Reports*, in the *Adabas Review User Guide*.

LT Command

The **LT** command is used to list the existing target definitions. From the resulting list, the Adabas Review administrator can use commands to edit or purge a target definition.

For more information, see *Displaying SVC Lists and Target Objects* in the *Adabas Review Administration Guide*.

LU Command

The **LU** command is used by Adabas Review administrators to list the user profiles that have been defined. For more information, read *Listing User Profile Definitions* in the *Adabas Review Administration Guide*.

MENU Command

The `MENU` command returns you to the Adabas Review main menu. It may be issued either by entering the command on the command line of any Adabas Review screen, or by pressing PF12.

MSG Command

MSG [*message-number*]

The `MSG` command displays detailed explanations of Adabas Review messages. It may be issued on the command line of any Adabas Review screen.

The `MSG` command may be entered with or without specifying a message number. If a message number is not specified, Adabas Review provides information about the last message displayed, unless you have changed the Adabas Review screen or performed a different Adabas Review function since the message was displayed. In this case, specifying the `MSG` command without a message number produces an error.

NAT Command

The `NAT` command is used to exit Adabas Review and return the user to the Natural NEXT prompt, or the Natural main menu, depending on how the system is configured. The `NAT` command is not available in batch mode.

NUCID Command



NUCID [*nucid*]

Adabas Review can monitor specific nucleus IDs separately when running in local mode through the `NUCID` command. The monitored Adabas nucleus must be a cluster nucleus (for example, you are running Adabas Cluster Services 7.4 or Adabas Parallel Services 7.4).

You can start the same report on each nucleus and then view them separately. To combine the data from a report that runs on multiple nuclei, you must create the report as a history report. The data from each nucleus will be combined only when viewing the history report.

To access a specific nucleus, you must set the target `NUCID` in a similar manner as setting the target `DBID`. The target `DBID` is shown at the top right of each Adabas Review screen and the `NUCID` is shown at the top left of each screen. If you work in local mode on a cluster database without specifying a `NUCID`, you access one `NUCID` at random.

To set a specific `NUCID`, you may choose the `NUCID` from a list of available `NUCID`s or enter it directly. To enter a `NUCID` directly, enter `NUCID nnnnn` in the Adabas Review command line, where *nnnnn* is the nucleus ID.

You can also set the `NUCID` to zero by entering `NUCID` in the Adabas Review command line. In this case, the `NUCID` indicator will be removed from the top left portion of the screen and all Adabas Review transactions will be to the `NUCID` selected by the Adabas command dispatcher.

If you want to select a nucleus from a list of nucleus IDs, read about the [NUC LIST](#) command.

NUC LIST Command



The functionality of this command is the same as that of the [NUCID](#) command, except that it allows you to select a nucleus ID from a list.

Adabas Review can monitor specific nucleus IDs separately when running in local mode through the `NUC LIST` command. The monitored Adabas nucleus must be a cluster nucleus (for example, you must be running Adabas Cluster Services or Adabas Parallel Services).

You can start the same report on each nucleus and then view them separately. To combine the data from a report that runs on multiple nuclei, you must create the report as a history report. The data from each nucleus will be combined only when viewing the history report.

To choose a nucleus ID from a list of active nucleus IDs, enter `NUC LIST` on the Adabas Review command line. Select a nucleus ID from the list by placing an X in the Sel column next to the nucleus ID and press PF5 to accept the selection.

OPTNS Command

Report options describe additional processing aspects of the report such as whether it is a detail or summary report; whether it will perform physical command logging; or whether the data it collects will be written to the Adabas Review repository and stored as history data.

The `OPTNS` command is used within the `Edit Report Definitions (ER)` function to set these report options, logging options, and history options.

For more information, see the section *Using the Report Options Screen* in *Maintaining Standard Database and Client Reports*, in the *Adabas Review User Guide*.

PH Command

The `PH` command is used within the `List History Report (LH)` function to purge accumulated history data. This command is issued from the “expanded” Adabas History Reports screen; the `EX` command must be issued first.

The `PH` command is entered on the selection line preceding the report name on the expanded History Reports screen.

For more information, see the section *Purging Accumulated History Data* in *Managing History Data*, in the *Adabas Review User Guide*.

PR Command

The `PR` command is used within the `List Report Definitions (LR)` function to purge reports. It is entered from the Report Definitions screen on the selection line preceding the report name.

For more information, see the section *Purging a Report Definition* in *Maintaining Report Definitions*, in the *Adabas Review User Guide*.

PRINT Command

See the `HC` command.

PS Command

The `PS` command is used within the `List Started Reports (LS)` or the `List Scheduled Reports (LC)` function to purge the data accumulated by an active report. The command is entered from the Started Reports or Scheduled Reports screen on the selection line preceding the report name.

For more information, see the section *Purging Accumulated Data* in *Managing Report Output*, in the *Adabas Review User Guide*.

PT Command

The PT command is used by Adabas Review administrators within the List Target Definitions (LT) function to purge target definitions. The command is issued from the Target Definitions screen on the selection line preceding the target's DBID.

For more information, read *Deleting a Target Definition* in the *Adabas Review Administration Guide*.

PU Command

The PU command is used by the Adabas Review administrator to delete a user profile. The command is issued from the list of user profiles on the selection line preceding the profile name.

For more information, refer to the section *Purging a User Profile* in the *Adabas Review Administration Guide*.

QUIT Command

See the FIN command.



Note: When this command is entered on the Main Menu, the Adabas Review Natural P-
UEXIT2 user exit is run.

RA Command

RA [*report-name*]

When you reactivate a suspended report, it resumes collecting data. The **RA** command is used to reactivate a suspended report. The command may be issued from the Started Reports (LS function) or the Scheduled Reports (LC function) screen, and is entered on the selection line preceding the report name.

The command may also be entered on the command line of any screen within Adabas Review. If it is entered on the command line without a report name, Adabas Review attempts to reactivate the report you last accessed.

For more information, refer to the section *Reactivating Reports in Running Reports*, in the *Adabas Review User Guide*.

RECAT Command

RECAT [ALL] [SCROLL] [REPORT]

The `RECAT` command uses the Natural `CATALL` command to catalog display programs without re-generating them.

The `RECAT` command checks display programs and catalogs them when source and object exist and the GDA timestamp does not match. With the option `ALL` display programs will also be cataloged, if only the source exists.

Natural cataloging errors in the generated programs will be handled by the `CATALL` command. To display the result for a `RECAT` run immediately, use the option `REPORT`. Detailed progress information can be displayed using the option `SCROLL`.

The Natural text member `RE-CLIST` will be generated. `RE-CLIST` serves as input for the `CATALL` command and contains all display programs, which will be cataloged. When the `REPORT` option is not specified, the `CATALL` command keeps a text member, which contains information about errors during the catalog process.

REFRESH or RF Command

```
{REFRESH | RF} [report-name ]
```

The `REFRESH` or `RF` command is used to refresh a started report. The `REFRESH` command purges the accumulated data and restarts the report.

When making changes to a started report, you are prompted to refresh the report when you attempt to start the report again. This is because the name of a report currently accumulating data matches the name of the report you are attempting to start; Adabas Review does not permit reports with duplicate names.

The `RF` command may be issued from the Started Reports (LS function) screen, and is entered on the selection line preceding the report name.

The `RF` or `REFRESH` command may also be entered on the command line of any screen within Adabas Review. If it is entered on the command line without a report name, the command is applied to the report you last accessed.

Because the `REFRESH` command executes a purge of the accumulated data, a window is displayed, prompting you to confirm the purge request.

For more information refer to the section *Refreshing Reports in Running Reports*, in the *Adabas Review User Guide*.

REGEN or RG Command

```
{REGEN | RG } [ALL[,USER-PROGRAMS=Y] [SAVE] [SCROLL] [REPORT]]
```

The `REGEN` or `RG` command is used to regenerate the display program that Adabas Review creates when a report is saved. These commands can be entered on the command line of any screen in Adabas Review. If they are entered on the command line without a report name, the command is applied to the report you last accessed.

You can regenerate the display programs for all reports by entering `REGEN ALL` or `RG ALL` on the command line of any `SYSREVDB` screen. A window will open that displays the name of each report as it is regenerated (see below). Do not press any keys during this process, as it will interrupt the process.



Note: In mode `DISPLAY= BASIC` programs starting with `RD`, `SR` or `CR` will be generated. This is the traditional method. In mode `DISPLAY=EDITOR` programs starting with `RX`, `SX` or `CX` will be generated. This method uses the Software AG Editor.

For more information, refer to *Regenerating a Display Program*, *Regenerating a User-Defined Display Program* and *Regenerating All Display Programs* in *Maintaining Display Programs*, in the *Adabas Review User Guide*.

RESET HISTORY FILE Command

If you have used the `CH` command to compress accumulated history report data and the command processing terminates abnormally for any reason, the history file will be locked against further compression attempts for any report by any user.

To remove this lock, and to clean up any unusable compressed data, enter the following on the command line of the Adabas Review main menu:

```
RESET HISTORY FILE
```

If history records were lost as a result of the abnormal termination, the reset program will inform you of this. For more information, see the section *Compressing Accumulated History Report Data* in *Managing History Data*, in the *Adabas Review User Guide*.

RF Command

See the [REFRESH](#) command.

RG Command

See the [REGEN](#) command.

RULES Command

Report processing rules determine how field values are selected for your report. These rules restrict the accumulated data to certain values or conditions.

The **RULES** command is used within the **Edit Report Definitions (ER)** function to specify and modify processing rules for a report.

For more information, see the section *Using the Report Processing Rules Screen in Maintaining Standard Database and Client Reports*, in the *Adabas Review User Guide*.

SAVE Command

When a report definition is saved, it is written to the Adabas Review repository and a Natural display program is generated.

The **SAVE** command is used within the **Edit Report Definitions (ER)** function to write the report to the Adabas Review repository. To save a report, either enter the **SAVE** command on the command line of the Edit Report screen or press PF5.

For more information on saving report definitions, read *Saving a Report Definition* in the *Adabas Review User Guide*.

SCHEDULE or SC Command

{SCHEDULE | SC} [report-name]

A report must be active so that it can accumulate data. The SC or SCHEDULE command is used to schedule a report. Before a report can be scheduled, the SAVE command must be executed to save the report definition and generate the display program. A report may be scheduled only if scheduling options are defined and active. According to the scheduling options, reports will be active or waiting in the wait queue to become active. An active or waiting report can be suspended, reactivated, closed, or refreshed from the Started Reports screen (LS function) or Scheduled Reports screen (LC function).

The SC command may be issued from the Report Definitions (LR function) screen, by entering the command on the selection line preceding the report name.

The SC or SCHEDULE command may also be issued from any screen of Adabas Review. If it is issued without a report name, Adabas Review attempts to start the report you last accessed.

For more information on scheduling reports, read *Running Reports Online* in the *Adabas Review User Guide*.



Note: If you are trying to start a report in hub mode using batch Natural, you must issued the MENU HUB=*hub id* command prior to issuing the SCHEDULE command for the report.

SETA Command

The SETA command allows you to access a Adabas Review repository that is different from the one you are currently accessing, including on a different hub ID (if you are running in hub mode).

The Adabas Review repository contains user profiles, report definitions, and history data. Depending on how Adabas Review is configured, you may have more than one Adabas Review repository.

The SETA command may be issued from any Adabas Review screen, by entering the command on the command line.

A window is displayed, showing the Adabas Review hub ID as well as the DBID and file number (FNR) of the Adabas Review repository you are currently accessing. To change the Adabas Review hub ID, type the hub ID over the one listed on the pop-up panel (REVIEW HUB ID field); to change

Adabas Review repositories, type the new DBID and FNR over the existing information on the pop-up panel. When all updates are made, press `ENTER`.

If you enter the information correctly, you receive a message that the Adabas Review file was set successfully.

If you enter an incorrect value, you receive a message indicating the error, and the change is not made.

SETFILE or SET Command

{SETFILE | SET}

The **SETFILE** or **SET** command allows you to access a Adabas Review repository that is different from the one you are currently accessing.

The Adabas Review repository contains user profiles, report definitions, and history data. Depending on how Adabas Review is configured, you may have more than one Adabas Review repository.

The **SETFILE** or **SET** command may be issued from any Adabas Review screen, by entering the command on the command line.

A window is displayed, showing the DBID and file number (FNR) of the Adabas Review repository you are currently accessing. To change Adabas Review repositories, type the new DBID and FNR over the existing information and press **ENTER**.

If you enter the information correctly, you receive a message that the Adabas Review file was set successfully.

If you enter an incorrect DBID or FNR, you receive a message indicating the error, and the change is not made.

SORT Command

The **SORT** command is used after the **VIEW** command is issued to dynamically change the setting of the “Display By” report option. The following settings are available within the **SORT** command:

Setting	Sorts the data in . . .	Equivalent to “Display by ...”
Account (Ascend)	ascending order by control break;	SORTED
Number of commands	descending order by the “Number of Commands” column;	USAGE
First summary field	descending order by the first summary field in the report;	SUMFIELD
Account (Descend)	descending order by control break;	SORTEDDE
Date and Time	ascending order by the start date and time of the control break interval;	DATETIME
Physical Sequence	the physical sequence in which it was collected.	LINEAR

You may issue the `Sort` command by first issuing the `VIEW` or `VW` command to display the results of a started report.

On the command line, enter the `Sort` command or press `PF2`. A window is displayed, listing the settings. The current setting is indicated by an arrow (`>`).

You may change the sort setting by placing the cursor on the setting you want to use and pressing `ENTER`. The display of the report results changes according to the sort setting you select.

For more information, refer to the section *Using the SORT Command* in *Managing Report Output*, in the *Adabas Review User Guide*.

START or ST Command

{START | ST} [report-name]

A report must be active so that it can accumulate data. The **ST** or **START** command is used to start a report. Before a report can be started the **SAVE** command must be executed to save the report definition and generate the display program. A started report can be suspended, reactivated, closed, or refreshed from the Started Reports screen (**LS** function).

The **ST** command may be issued from the Report Definitions (**LR** function) screen, by entering the command on the selection line preceding the report name.

The **ST** or **START** command may also be issued from any screen of Adabas Review. If it is issued without a report name, Adabas Review attempts to start the report you last accessed.

For more information on starting reports, read *Starting Reports* in the *Adabas Review User Guide*.



Note: If you are trying to start a report in hub mode using batch Natural, you must issue the **MENU HUB=hubid** command prior to issuing the **START** command for the report.

SU Command

SU [*report-name*]

By suspending a started report, you stop it from accumulating any further data; however, the data already accumulated is retained. The RA (reactivate) command is used to reactivate a suspended report.

The SU command is used to suspend a started report. It may be issued from the Started Reports screen (LS function) or Scheduled Reports screen (LC function) by entering the command on the selection line preceding the report name.

The SU command may also be issued from any screen within Adabas Review. If it is issued without a report name, Adabas Review attempts to suspend the report you last accessed.

For more information, read *Suspending Reports in Running Reports*, in the *Adabas Review User Guide*.

SWITCH or SW Command

{ SWITCH | SW } { LOG | SUM } [report-name]

The SW or SWITCH command is used to switch to the next command or summary log file defined for a specific report *before* the current log file is filled. This command is only valid for reports that have Adabas Review command logging or summary logging turned on.

If the maximum number of command or summary log files designated for the report is exceeded by this request, Adabas Review will begin writing over the file that contains the oldest data.



Note: This command does not switch the log file for any report other than the one selected.

The SW command may be issued from the Started Reports screen (LS function) or Scheduled Reports screen (LC function) by entering the command on the selection line preceding the report name.

The SW or SWITCH command may also be issued from any screen of Adabas Review. If it is issued without a report name, Adabas Review attempts to switch to the next log file for the report you accessed last.

For more information, read *Switching Log Files in Running Reports*, in the *Adabas Review User Guide*.

TECH Command

The TECH command is used to display Adabas Review environmental and maintenance information. This function is useful in determining the environment in which Adabas Review is executing, and in determining which zaps have been applied.

For more information, read *Accessing Technical System Information in Getting Started*, in *Adabas Review Concepts Manual*.

VIEW or VW Command

```
{ VIEW | VW } [report-name]
```

The `VIEW` or `VW` command allows you to view results of a started or scheduled report or the data accumulated by a history report. The `VW` command may be issued from any list function screen (Report Definitions, Started Reports, Scheduled Reports or Adabas History Reports) on the selection line preceding the report name.

More than one `VW` command can be issued from the Report Definitions or Started and Scheduled Reports screens to view multiple reports. For more information, read *Viewing Multiple Reports*, in the *Adabas Review User Guide*.



Note: You cannot view multiple history reports. In other words, you cannot issue more than one `VW` command on the History Reports (LH) screen.

The `VW` or `VIEW` command may also be issued from any screen within Adabas Review. If it is issued without a report name, the command is applied to the report you last accessed.

For more information, refer to the section *Viewing Report Results* in *Managing Started Report Output*, in the *Adabas Review User Guide*.

VIEWX or VX Command

```
{ VIEWX | VX } [report-name]
```

The `VIEWX` or `VX`, exactly like the `VIEW` or `VW` command, allows you to view results of a started or scheduled report or the data accumulated by a history report. However, data will be displayed using `RX-*`, `SX-*` or `CX-*` modules instead of `RD-*`, `SR-*` or `CR-*` modules. These modules use the Software AG Editor to show the data. The method offers additional functions to browse the data online, e.g. by using the Software AG Editor `SORT` command.

For more information, refer to the section *Viewing Report Results* in *Managing Started Report Output*, in the *Adabas Review User Guide*.

VW Command

See the `VIEW` command.

VX Command

See the `VIEWX` command.

ZIIP Command

The `ZIIP` command covers two functions, depending on its parameter.

1. Change the zIIP mode

```
ZIIP[=]{YES | NO}
```



Note: The ZIIP mode can be changed at runtime only if the Adabas Review nucleus was started with `ZIIP=YES`. Then, the `ZIIP` parameter can be set to `NO` and back to `YES`.

2. Display zIIP statistics

ZIIP [REVB|MAIN|HIST|AUTO]



Note: The ZIIP statistics are available only if the Adabas Review nucleus was started with ZIIP=YES.

Adabas Review differentiates 4 enclaves: REVB, MAIN, HIST and AUTO.

- REVB: the ReviewB part of Adabas Review, handles by far the most Review load; this is the default if no parameter is specified.
- MAIN: work done in Main task (of the REVHUB),), applies to hub mode only. In local mode the Review main task is running as an Adabas task. The statistic values in Review are 0 since the task belongs to Adabas.
- HIST: for the REVIEW history task
- AUTO: for the REVIEW AUTO tasks used to generate cards to the autostart reports in the RVUAUT1/2 data sets.

For more information on the zIIP statistics, refer to *Understanding the zIIP-Related Statistics* in the *Adabas Review for zIIP* documentation.

3

Field Reference

■ Field Categories	73
■ Alphabetic Field Listing	78
■ Fields Available for Client Reports	78
■ Adabas Review Duration Field Derivations	87
■ Fields Referring to the Adabas Global User ID or Adabas Communication ID	90
■ ABALLOC Field	92
■ ABDATE Field	92
■ ABENT Field	93
■ ABPCT Field	94
■ ABSIZE Field	94
■ ABTIME Field	95
■ ABUSED Field	96
■ ACBUSER Field	96
■ ACCTINF2 Field	97
■ ACCTINFO Field	98
■ ACINAME Field	99
■ ADADURA Field	100
■ ADDIT1 Field	100
■ ADDIT2 Field	101
■ ADDIT3 Field	102
■ ADDIT4 Field	103
■ ADDIT5 Field	103
■ AFP Field	104
■ ASSOIO Field	105
■ ASSOREAD Field	105
■ ASSOWRIT Field	106
■ ASSOREAG Field	107
■ ASSOWRIG Field	107
■ AUTORSRT Field	108
■ BUFFEFF Field	109
■ BUFFLUSH Field	110
■ BUFFLUSG Field	110

■ BUFFWAIT Field	111
■ CALLPGM Field	112
■ CALLTYPE Field	113
■ CCALLS Field	113
■ CCALLU Field	114
■ CDURA Field	115
■ CID Field	116
■ CIDALPHA Field	116
■ CLIENT Field	117
■ CLREADS Field	118
■ CLWRITES Field	118
■ CMD Field	119
■ CMDNAME Field	120
■ CMDRESP Field	120
■ CMDSTAT Field	121
■ CMDTYPE Field	122
■ CMPRECL Field	123
■ COMMANDS Field	123
■ CPUID Field	124
■ CQALLOC Field	125
■ CQDATE Field	125
■ CQDURA Field	126
■ CQENT Field	127
■ CQES Field	127
■ CQEUID Field	128
■ CQJOB Field	129
■ CQMAXENT Field	129
■ CQPCT Field	130
■ CQSIZE Field	131
■ CQTIME Field	131
■ CQUQADDR Field	132
■ CQUSED Field	133
■ CRCVDURA Field	133
■ CWRKDURA Field	134
■ DATAIO Field	135
■ DATAREAD Field	136
■ DATAWRIT Field	136
■ DATAREAG Field	137
■ DATAWRIG Field	138
■ DATE Field	138
■ DAY Field	139
■ DBID Field	140
■ DBNAME Field	140
■ DESUPD Field	141
■ DQALLOC Field	142

▪ DQDATE Field	142
▪ DQENT Field	143
▪ DQPCT Field	144
▪ DQSIZE Field	144
▪ DQTIME Field	145
▪ DQUSED Field	146
▪ DURATION Field	146
▪ ENDDATE Field	147
▪ ENDTIME Field	148
▪ ENQDURA Field	148
▪ ERRFLDNM Field	149
▪ ERRFLDOF Field	150
▪ ESTCPU Field	150
▪ ETID Field	151
▪ FB Field	152
▪ FBFIELDS Field	153
▪ FBL Field	153
▪ FBSEGnn Field	154
▪ FILE Field	155
▪ FILENAME Field	156
▪ FILETYPE Field	157
▪ FLSHBLKS Field	157
▪ FLSHPH Field	158
▪ FLSHIOS Field	159
▪ FLSHRTNE Field	159
▪ FLSHRTNI Field	160
▪ FLSHRTNL Field	161
▪ FORMATOW Field	161
▪ FORMATOG Field	162
▪ FORMATTR Field	163
▪ FULLSTCK Field	163
▪ GLOBFMID Field	164
▪ HLCMDS Field	165
▪ HOLDISN Field	165
▪ HOUR Field	166
▪ HQALLOC Field	167
▪ HQDATE Field	167
▪ HQENT Field	168
▪ HQPCT Field	169
▪ HQSIZE Field	169
▪ HQTIME Field	170
▪ HQUSED Field	171
▪ HQUSRENT Field	171
▪ IB Field	172
▪ IBL Field	173

■ IBSEGnn Field	173
■ INTCMDS Field	174
■ IOS Field	175
■ IOCOMP Field	176
■ IOFUNC Field	176
■ IOLIST Field	177
■ IOPHYS Field	178
■ IORABN Field	179
■ IOTOCMD Field	179
■ IOTYPE Field	180
■ IOVOLSER Field	181
■ ISN Field	182
■ ISNLL Field	182
■ ISNQ Field	183
■ JMREDATE Field	184
■ JOBCCLASS Field	185
■ JOBID Field	185
■ JOBNAME Field	186
■ JOBNUM Field	187
■ L3DE Field	187
■ LANGID Field	188
■ LFPALLOC Field	189
■ LFPDATE Field	189
■ LFPENT Field	190
■ LFPMAX Field	191
■ LFPPCT Field	191
■ LFPSIZE Field	192
■ LFPTIME Field	193
■ LFPUSED Field	193
■ LGREADS Field	194
■ LOCLCMDS Field	195
■ LPARNAME Field	195
■ LUNAME Field	196
■ LWPALLOC Field	197
■ LWPDAT Field	197
■ LWPEM Field	198
■ LWPMAX Field	199
■ LWPMXEM Field	199
■ LWPPCT Field	200
■ LWPSIZE Field	201
■ LWPTIME Field	201
■ LWPUSED Field	202
■ MB Field	203
■ MBL Field	203
■ MBSEGnn Field	204

■ MOCAJOB Field	205
■ MOCASECU Field	205
■ MOCAUSER Field	206
■ MOIOJOB Field	207
■ MOIOSECU Field	207
■ MOIOUSER Field	208
■ MONAME Field	209
■ MONTH Field	209
■ MOSTCALL Field	210
■ MOSTTHTI Field	211
■ MOSTIOS Field	211
■ MOTTJOB Field	212
■ MOTTSECU Field	213
■ MOTTUSER Field	213
■ MULTICNT Field	214
■ NATAPPL Field	215
■ NATCLTID Field	215
■ NATCOUNT Field	216
■ NATEXEC Field	217
■ NATGRP Field	218
■ NATLEVEL Field	218
■ NATLIB Field	219
■ NATPROG Field	220
■ NATRPCCO Field	220
■ NATRPCID Field	221
■ NATSTMT Field	222
■ NATUID Field	223
■ NUCID Field	223
■ NUCCPU Field	224
■ NUCDURA Field	225
■ NUCWAIT Field	225
■ NUCSDATE Field	226
■ NUCSTIME Field	227
■ OP1 Field	227
■ OP2 Field	228
■ OP3 Field	229
■ OPERCMDS Field	229
■ OPSYSID Field	230
■ OPSYSNAM Field	231
■ ORGCID Field	231
■ ORGDURA Field	232
■ PB Field	233
■ PBL Field	233
■ PBSEGnn Field	234
■ PIALLOC Field	235

■ PIDATE Field	235
■ PIENT Field	236
■ PIPCT Field	237
■ PISIZE Field	237
■ PITIME Field	238
■ PIUSED Field	239
■ PLOGBLKS Field	239
■ PLOGDIFF Field	240
■ PLOGIOS Field	241
■ PLREADS Field	241
■ PLWRITES Field	242
■ PRI Field	243
■ QUARTER Field	243
■ RB Field	244
■ RBL Field	245
■ RBSEGnn Field	245
■ RDALLOC Field	246
■ RDDATE Field	247
■ RDENT Field	247
■ RDPCT Field	248
■ RDSIZE Field	249
■ RDTIME Field	249
■ RDUSED Field	250
■ RDBLKUSR Field	251
■ REMCMDS Field	251
■ REPINCTR Field	252
■ REPPNDTR Field	253
■ REPTOTTR Field	253
■ ROUTDURA Field	254
■ RPALLOC Field	255
■ RPDATE Field	255
■ RPENT Field	256
■ RPPCT Field	257
■ RPSIZE Field	257
■ RPTIME Field	258
■ RPUSED Field	259
■ RSP Field	259
■ RSPSUB Field	260
■ SB Field	261
■ SBFIELDS Field	262
■ SBL Field	262
■ SBSEGnn Field	263
■ SCALLOC Field	264
■ SCDATE Field	264
■ SCENT Field	265

■ SCPCT Field	266
■ SCSIZE Field	266
■ SCTIME Field	267
■ SCUSED Field	268
■ SECGID Field	268
■ SECONDS Field	269
■ SECUID Field	270
■ SESSIONS Field	271
■ SEQUENCE Field	271
■ SRCTYPE Field	272
■ STEPNAME Field	273
■ STRTDATE Field	274
■ STRTTIME Field	274
■ SVC Field	275
■ SYSCMD Field	276
■ THBKISN Field	276
■ THBKSPAC Field	277
■ THDNUM Field	278
■ THDURA Field	278
■ THREAD Field	279
■ THREADSW Field	280
■ THROWBKS Field	280
■ TIALLOC Field	281
■ TID Field	282
■ TIDATE Field	282
■ TIENT Field	283
■ TIME Field	284
■ TIPCT Field	284
■ TISIZE Field	285
■ TITIME Field	286
■ TIUSED Field	286
■ TOTALCMD Field	287
■ TOTALIOS Field	288
■ TOTDURA Field	289
■ TOTREADS Field	289
■ TOTWRITES Field	290
■ TPTRANCT Field	291
■ TPTRANNM Field	292
■ TPUSERID Field	292
■ TRANSID Field	293
■ TRUENAME Field	294
■ TSALLOC Field	295
■ TSDATE Field	295
■ TSENT Field	296
■ TSPCT Field	297

■ TSSIZE Field	297
■ TSTIME Field	298
■ TSUSED Field	299
■ UBUID Field	299
■ UCMPRECL Field	300
■ UFALLOC Field	301
■ UFDATA Field	301
■ UFENT Field	302
■ UFPCT Field	303
■ UFSIZE Field	303
■ UFTIME Field	304
■ UFUSED Field	305
■ UOWID Field	305
■ UQALLOC Field	306
■ UQDATE Field	307
■ UQENT Field	308
■ UQPCT Field	308
■ UQSIZE Field	309
■ UQTIME Field	310
■ UQUID Field	310
■ UQUSED Field	311
■ USERCMD Field	312
■ USERID Field	312
■ USERTYPE Field	313
■ USRFLDnn Field	314
■ VB Field	314
■ VBL Field	315
■ VBSEGnn Field	315
■ WEEK Field	316
■ WEEKDAY Field	317
■ WIALLOC Field	317
■ WIDATE Field	318
■ WIENT Field	319
■ WIPCT Field	319
■ WISIZE Field	320
■ WITIME Field	321
■ WIUSED Field	321
■ WK1PBLKS Field	322
■ WK1PDIFF Field	323
■ WK1PIOS Field	323
■ WORK-IO Field	324
■ WORKIO Field	325
■ WORKREAD Field	325
■ WORKWRIT Field	326
■ WORKREAG Field	327

▪ WORKWRIG Field	327
▪ W1ALLOC Field	328
▪ W1DATE Field	329
▪ W1ENT Field	329
▪ W1PCT Field	330
▪ W1SIZE Field	331
▪ W1TIME Field	331
▪ W1USED Field	332
▪ W1BALLOC Field	333
▪ W1BDATE Field	333
▪ W1BENT Field	334
▪ W1BPCT Field	335
▪ W1BSIZE Field	335
▪ W1BTIME Field	336
▪ W1BUSED Field	337
▪ W2ALLOC Field	337
▪ W2DATE Field	338
▪ W2ENT Field	339
▪ W2PCT Field	339
▪ W2SIZE Field	340
▪ W2TIME Field	341
▪ W2USED Field	341
▪ W3ALLOC Field	342
▪ W3DATE Field	343
▪ W3ENT Field	343
▪ W3PCT Field	344
▪ W3SIZE Field	345
▪ W3TIME Field	345
▪ W3USED Field	346
▪ XIDALLOC Field	347
▪ XIDDATE Field	347
▪ XIDENT Field	348
▪ XIDPCT Field	349
▪ XIDSIZE Field	349
▪ XIDTIME Field	350
▪ XIDUSED Field	351
▪ YEAR Field	351
▪ ZIIP Field	352
▪ 15M Field	353
▪ 1M Field	354
▪ 1SEC Field	354
▪ 5M Field	355

Fields can be used in summary reports or detailed reports. Depending on the report options specified for a report, the field data can be:

1. Viewed in online reports via SYSREVD. The format and length of fields in the online reports is specified by an internal field table in Adabas Review. The format and lengths of fields in online reports is provided in the field tables in this chapter.
2. Stored as history data in the Adabas Review repository. The format and length of fields in the online reports is specified by an internal field table in Adabas Review. The format and lengths of fields in history data is provided in the field tables in this chapter.
3. Written to the following output files:
 - RVUPRT00 output printer (stores the parameters, input statements, and final statistics for all reports for which report option PRINT=Y)
 - RVUPRT nn output printers (store data from detailed and summary reports, when report option PRINT=Y)
 - Summary log file (stores data from summary reports, when reporting option SUMMARY LOG=Y)
 - Command log file (stores command data from detailed reports, when reporting option LOG=Y)
 - Raw log file (stores raw data from summary and detailed reports, when reporting option WRITE RAW DATA=Y)

The format and length of fields stored in these files varies, based on the file. The tables in this chapter described the format and length of field data when stored in the:

- RVUPRT xx files;
- Summary log file; and the
- Raw log file.

The unit for Adabas duration fields, i.e. seconds or milliseconds is described for each field and applies to the displayed format in SYSREVD and RVUPRT output. In the Repository History Data, the Summary log and the Raw log the value is stored in an "unformatted" manner, which means in microseconds.

The format of data stored in the command log file is described in the LORECR macro, provided in the Adabas z/OS source library.

This part of the documentation describes the fields that may be used when creating Adabas Review reports using the Edit Report ([ER](#)) or Edit Client Report ([EC](#)) commands.

- [Field Categories](#)
- [Alphabetic Field Listing](#)
- [Fields Available for Client Reports](#)
- [Adabas Review Duration Field Derivations](#)

■ *Fields Referring to the Adabas Global User ID or Adabas Communication ID*

Format Abbreviation Descriptions

The following format abbreviations are used in the Fmt columns of field tables in this chapter:

Abbreviation	Description
A	Alphanumeric character
B	Binary
H	Hexadecimal
N	Numeric
T	Four-byte STCK value
Z	Zoned decimal

The format length in a RVUPRT_{xx} column shows the whole length of a field, including the decimal point and the digits after the decimal point.

For example, the format Z13.6. means that the field is 13 bytes long in total. It has 6 digits before the decimal point, the decimal point itself and 6 digits after the decimal point.

The format and the length in the SYSREVDDB Reports column correspond to the Natural syntax. A field defined as Z13.6. in the RVUPRT_{xx} column would be N6.6 in the SYSREVDDB Reports column.

Field Categories

The fields used in Adabas Review reports are grouped into the following categories:

Code	Category	Includes fields . . .	Special Considerations
BUF	Adabas Buffer Fields	that correspond to segments of the format, ISN, record, search, and value buffers: FB, FBFIELDS, FBSEGnn, IB, IBSEGnn, MB, MBSEGnn, PB, PBSEGnn, RB, RBSEGnn, SB, SBFIELDS, SBSEGnn, VB, VBSEGnn	When you specify a field from this category, Adabas Review automatically requires this information from the Adabas nucleus. This leads to more data to be sent from the Adabas nucleus to Adabas Review. Note: To limit the size of the transferred data the ADARUN REVLOGBMAX or REVLOGMAX parameters can be used. Missing data might

Code	Category	Includes fields . . .	Special Considerations
			<p>also be associated with the setting of these parameters.</p> <p>Note: The Adabas nucleus session that created the command log needs to run with the associated ADARUN LOGxx parameter. For example, for FBSEG01 you need to specify LOGFB=YES. This applies to Adabas Review in batch and online.</p>
CB	Adabas Control Block Fields	<p>that correspond to or are derived from Adabas control block fields:</p> <p>ACBUSER, AD1, AD2, AD3, AD4, AD5, ADD1, ADD2, ADD3, ADD4, ADD5, ADDIT1, ADDIT2, ADDIT3, ADDIT4, ADDIT5, CALLTYPE, CID, CIDALPHA, CMD, CMD-TYPE, CMDNAME, CMDSTAT, CMDTYPE, CMPRECL, CNAME, COMMAND, COMMANDS, COP1, COP2, DES, DESUPD, ERRFLDNM, ERRFLDOF, FBL, FILE, FNR, GLOBFMID, IBL, ISN, ISNLL, ISNQ, L3DE, LANGID, MBL, OP1, OP2, OP3, ORG-CID, ORGCID, PBL, RBL, RSP, RSPSUB, SBL, SECUID, SEQ, SEQUENCE, THD, THREAD, TYPECMD, UCMPRECL, USER-ID, USERID, VBL</p>	—
CMON	Client Reporting Fields	<p>that are derived from client reporting log records:</p> <p>AFP, CDURA, CRCVDURA, CWRKDURA</p>	—
I/O	Adabas I/O Fields	<p>for analyzing the I/O operations that are performed against the Adabas Associator, Data Storage, and Work data sets:</p> <p>ASSO-IO, ASSOIO, ASSOREAD, ASSOWRIT, ASSOREAG, ASSOWRIG, CLREADS, CLWRITES, DATA-IO, DATAIO, DATAREAD, DATAWRIT, DATAREAD, DATAWRIG, IO, IOCOMP, IOFUNC, IOLIST, IOPHYS, IORABN, IOS, IOTOCMD, IOTYPE, IOVOLSER, PLOGBLKS, PLOGDIFF, PLOGIOS, PLREADS, PLWRITES, TOTALIOS, TOTREADS, TOTWRITES, WK1PBLKS, WK1PDIF, WK1PIOS,</p>	<p>When you specify a field from this category, Adabas Review automatically requests this information from the Adabas nucleus. This causes more data to be sent from the Adabas nucleus to Adabas Review and creates additional CPU overhead in the Adabas nucleus address space.</p> <p>If you are running Adabas Review in batch, the Adabas nucleus session that created</p>

Code	Category	Includes fields . . .	Special Considerations
		WORK-IO , WORKIO , WORKREAD , WORKWRIT , WORKREAG , WORKWRIG	the command log needs to run with the associated ADARUN parameter LOGIO=YES.
IN	Review Infrastructure Fields	for determining information about the Review system itself: CCALLS , CCALLU	—
IT	Interval and Time Fields	that establish intervals for control breaks. Fields in this category also display specific times for Adabas command processing: 15M , 1M , 1SEC , 5M , ADADURA , CMDRESP , CMDRSP , CQDURA , DATE , DAY , DUR , DURAT , DURATION , ENDDATE , ENDTIME , ENQDURA , ESTCPU , FULLSTCK , HOUR , HR , M15 , M5 , MCR , MIN , MINUTE , MO , MON , MONAME , MONTH , ORGDURA , QTR , QUAR , QUARTER , ROUTDURA , ROUTTIME , SECONDS , STRTDATE , STRTTIME , THDURA , THTIME , TIME , TOTDURA , WEEK , WEEK-DAY , WEEKDAY , WK , YEAR , YR	—
NAT	Natural Fields	for determining information about the Natural programs issuing Adabas calls: LEVEL , LIB , LOG , LOGON , NATAPPL , NATCLTID , NATCOUNT , NATEXEC , NATGRP , NATLEVEL , NATLIB , NATPROG , NATRPCCO , NATRPCID , NATSTMT , NATUID , PRO , PROGRAM	When you specify a field from this category, you must also specify the Natural profile parameter ADAPRM=ON for your Natural user working environment. If you are running Adabas Review in batch, the Adabas nucleus session that created the command log needs to run with the associated ADARUN parameter LOGCLEX=YES.
NUC	Adabas Nucleus Fields	for analyzing Adabas nucleus information: AUTORSRT , BUFFEFF , BUFFLUSH , BUFFLUSG , BUFFWAIT , CQES , CQJOB , CQUQADDR , DBID , DBNAME , FILENAME , FILETYPE , FLSHBLKS , FLSHPH , FLSHIOS , FLSHRTNE , FLSHRTNI , FLSHRTNL , FORMATOW , FORMATOG , FORMATTR , HLCMDS , HOLDISN , HQUSRENT , INTCMDS , LGREADS , LOCLCMDS , MOCAJOB , MOCASECU , MOCAUSER , MOIOJOB , MOIOSECU , MOIOUSER ,	If you are running Adabas Review in batch, the Adabas nucleus session that created the command log needs to run with the associated ADARUN parameter LOGCLEX=YES.

Code	Category	Includes fields . . .	Special Considerations
		<p>MOSTCALL, MOSTTHTI, MOSTIOS, MOTTJOB, MOTTSECU, MOTTUSER, MULTICNT, NUCCPU, NUCDURA, NUCID, NUCWAIT, NUCSDATE, NUCSTIME, OPERCMDS, PRI, PRIORITY, REMCMDS, REPINCTR, REPPNDTR, REPTOTTR, SESSIONS, SMP, SRCHTYPE, SVC, SYSCMD, THBKISN, THBKSPAC, THDNUM, THREADSW, THROWBKS, TOTALCMD, USERCMD</p>	
NUC-BUFF	Adabas Nucleus statistical Buffer Fields	<p>for Attached Buffer, Commandqueue, Holdqueue, Formatpool, Workpool, ISN table, Sequential Command table and Userqueue:</p> <p>ABALLOC, ABDATE, ABENT, ABPCT, ABSIZE, ABTIME, ABUSED, CQALLOC, CQDATE, CQENT, CQMAXENT, CQPCT, CQSIZE, CQTIME, CQUSED, DQALLOC, DQDATE, DQENT, DQPCT, DQSIZE, DQTIME, DQUSED, HOLDISN, HQALLOC, HQDATE, HQENT, HQPCT, HQSIZE, HQTIME, HQUSED, HQUSRENT, LFPALLOC, LFPDATE, LFPENT, LFPMAX, LFPPCT, LFPSIZE, LFPTIME, LFPUSED, LWPALLOC, LWPPDATE, LWPEENT, LWPMAX, LWPMXENT, LWPPCT, LWPSIZE, LWPTIME, LWPUSED, PIALLOC, PIDATE, PIENT, PIPCT, PISIZE, PITIME, PIUSED, RDALLOC, RDDATE, RDENT, RDPCT, RDSIZE, RDTIME, RDUSED, RPALLOC, RPDATE, RPENT, RPPCT, RPSIZE, RPTIME, RPUSED, SCALLOC, SCDATE, SCENT, SCPCT, SCSIZE, SCTIME, SCUSED, TIALLOC, TIDATE, TIENT, TIPCT, TISIZE, TITIME, TIUSED, TSALLOC, TSDATE, TSENT, TSPCT, TSSIZE, TSTIME, TSUSED, UFALLOC, UFDATE, UFENT, UFPCT, UFSIZE, UFUSED, UQALLOC, UQDATE, UQENT, UQPCT, UQSIZE, UFTIME, UQTIME, UQUSED, WIALLOC, WIDATE, WIENT, WIPCT, WISIZE, WITIME, WIUSED, W1ALLOC, W1DATE, W1ENT, W1PCT, W1SIZE, W1TIME, W1USED, W1BALLOC, W1BDATE, W1BENT, W1BPCT, W1BSIZE, W1BTIME, W1BUSED, W2ALLOC, W1DATE, W2ENT, W2PCT, W2SIZE, W2TIME, W2USED, W3ALLOC, W3DATE, W3ENT, W3PCT, W3SIZE, W3TIME,</p>	<p>If you are running Adabas Review in batch, the Adabas nucleus session that created the command log needs to run with the associated ADARUN parameter LOGCLEX=YES.</p> <p>Note: These values are only gathered once per minute and do only show a statistical trend.</p>

Code	Category	Includes fields . . .	Special Considerations
		W3USED , XIDALLOC , XIDDATE , XIDENT , XIDPCT , XIDSIZE , XIDTIME , XIDUSED	
OS	Operating System Fields	for displaying operating system-related information: ACCTINF2 , ACCTINFO , CPUID , JMREDATE , JOB , JOBCLASS , JOBID , JOBNAME , JOBNUM , LPARNAME , LUNAME , OPSYSID , OPSYSNAM , STEPNAME , ZIIP	If you are running Adabas Review in batch, the Adabas nucleus session that created the command log needs to run with the associated ADARUN parameter LOGCLEX=YES.
TP	Transaction Processing Monitor Fields	for displaying information about the transaction processing monitor used with applications issuing Adabas calls: ACINAME , CALLPGM , CLIENT , CQEUID , CURENPGM , ETID , RDBLKUSR , SECGID , TID , TPTRANCT , TPTRANNM , TPUSER , TPUSERID , TRANSID , TRUENAME , UBUID , UOWID , UQUID , USERTYPE	If you are running Adabas Review in batch, the Adabas nucleus session that created the command log needs to run with the associated ADARUN parameter LOGCLEX=YES.
UF	User Fields	defined by the user that contain user-specified data for reporting. User field names are defined by the user. User field names in the format "USRFLD nn " or "USERFLD n " are no longer supported.	A maximum of 35 Adabas Review user fields can be defined. For more information, read <i>Defining Adabas Review User Fields</i> , in the <i>Adabas Review Administration Guide</i>

**Notes:**

- References to an Adabas session pertain to a user's session with Adabas.. References to an Adabas nucleus session pertain to the duration that Adabas is active. When Natural utilities issue Adabas calls, the values of NATLIB, NATPROG, and NATSTMT do not denote user applications objects.
- When a Natural object is invoked by means of a CALLNAT, PERFORM or FETCH statement, Natural may generate Adabas calls to load the invoked programming object into the buffer pool. In such a situation, the value of may be incorrect. Ignore Adabas calls to FNAT and FUSER to avoid misinterpretation of the value.
- When a program is executed by means of the RUN command, the values of NATLIB, NATPROG and NATSTMT may be incorrect, because it is e.g. possible to RUN a nameless object from within the Natural program editor. Use the EXECUTE command to obtain correct values When a Natural programming object contains copy codes, NATSTMT may contain the line number within a copy code.

Alphabetic Field Listing

Fields Available for Client Reports

The following table summarizes all of the fields available for client reports. This represents the fields in the **CMON category** as well as a subset of the fields in other field categories.

Field Name	Description
5M	Establishes five-minute intervals for the collection of Adabas data.
15M	Establishes 15-minute intervals for the collection of Adabas data.
ACCTINF2	Accounting information about the user that issued the Adabas call for z/OS batch jobs. This field will contain the second value specified in the account field of the job card.
ACCTINFO	Accounting information about the user that issued the Adabas call. For z/OS batch jobs, the field will contain the first value specified in the account field of the job card. For Com-plete users, the field will contain the account information specified in the user's Com-plete profile.
ACINAME	The program name of the Adabas CICS link routine for the DCI interface: ADADCI.
ADADURA	Adabas duration. Corresponds to the DURATION field. This field contains the amount of time (in seconds) that the command spent in the Adabas thread, including the time spent waiting for the completion of I/O operations. The ADADURA field differs from the DURATION field in that the time is computed to 6 decimal places instead of 4 decimal places. This field can be used for record filtering. It can also be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.
ADD1	Corresponds to the ACB field additions 1 . The command to be executed determines whether this field is used and what the contents represent.
ADD2	Corresponds to the ACB field additions 2 . The command to be executed determines whether this field is used and what the contents represent. When ADARUN parameter CLOGLAYOUT is set to 8, the content of this field is taken from the ACBX structure. Note that there are differences in meaning of the Additions 2 field in the ACBX and in the ACB. In the ACBX, some information that was formally available in the Additions 2 field is now split into several fields. For example, the error-related subcode information that was originally provided in the Additions 2 in the ACB is now provided in the Adabas ACBXSUBS (Subcomponent Response Subcode) field. The Additions 2 field will contain the transaction sequence number for an OP (open) and RE (read ET data) command. In Adabas Review, if the ADARUN parameter CLOGLAYOUT is set to 8, you will find the information from the older ACB Additions 2 structure in the following separate Adabas Review fields:

Field Name	Description
	<ul style="list-style-type: none"> ■ CMPRECL contains the compressed record length. ■ ERRFLDNM contains the error field name. ■ RSPSUB contains the subcode for an Adabas response code. ■ UCMPRECL contains the uncompressed record length.
ADD3	Corresponds to the ACB field <code>additions 3</code> . The command to be executed determines whether this field is used and what the contents represent.
ADD4	Corresponds to the ACB field <code>additions 4</code> . The command to be executed determines whether this field is used and what the contents represent.
ADD5	Corresponds to the ACB field <code>additions 5</code> . The command to be executed determines whether this field is used and what the contents represent.
AFP	Indicates whether the Adabas call was satisfied by Adabas Fastpath or not. Valid values are "Y" or "N". If the field value is "Y", it was satisfied by Adabas Fastpath.
CALLPGM	<p>In batch environments, this field contains the top-level program name.</p> <p>In CICS environments, this field contains the program that executed the last EXEC CICS LINK or XCTL command.</p> <ul style="list-style-type: none"> ■ In non-DCI situations, this is the program calling the Adabas CICS link routine via EXEC CICS LINK ■ In DCI interface situations (used by Natural), this is the name of the executing program if there was no previous EXEC CICS LINK or, if there was a previous EXEC CICS LINK, the name of the program that executed the last EXEC CICS LINK. <p>This field can be used for record filtering.</p>
CALLTYPE	<p>Contains the type of the Adabas call that was issued. Possible values are:</p> <ul style="list-style-type: none"> ■ "PHYSICAL": indicates a standard Adabas call ■ "REMOTE": indicates a call arriving via Entire Net-Work.
CDURA	<p>The total client duration time. This is the total time (in seconds) in which the client waits for the command to be processed by the server and the time it takes the ADALNK portion of the client to retrieve the command results. CDURA is the sum of the CRCVDURA and CWRKDURA fields.</p> <p>This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.</p>
CID	<p>Corresponds to the hexadecimal value of the ACB field <code>command ID</code>. This field serves important functions, determined by the command, during command execution. For example, during a sequential read, the command ID is used to return the records to the user in the proper sequence. This field displays the value of the CID in hexadecimal format (for example, if CID=ABCD, it is displayed in this field as "C1C2C3C4").</p> <p>This field can be used for record filtering.</p>

Field Name	Description
CMD	Corresponds to the ACB field <code>command code</code> . This field can be used for record filtering.
CMPRECL	Contains the compressed record length of the record returned by a <code>READ</code> or a <code>FIND</code> command.
COMMANDS	The number of Adabas commands processed for the control break. This field can be used as a <code>SUM</code> , <code>MIN</code> , <code>MAX</code> , <code>AVG</code> , <code>RATE</code> , <code>PCT</code> , or <code>ROUND</code> field.
CQDURA	Command queue duration. Contains the amount of time (in seconds) that a command waited in the command queue before being dispatched into an Adabas thread. This field can be used as a <code>SUM</code> , <code>MIN</code> , <code>MAX</code> , <code>AVG</code> , <code>RATE</code> , <code>PCT</code> , or <code>ROUND</code> field.
CRCVDURA	The client receive time. This is the time (in seconds) it takes the Adabas link routine to retrieve a processed command from the server. This field can be used as a <code>SUM</code> , <code>MIN</code> , <code>MAX</code> , <code>AVG</code> , <code>RATE</code> , <code>PCT</code> , or <code>ROUND</code> field.
CWRKDURA	The client wait time, or the time in which the server works for the client. This is the time (in seconds) in which the client waits for the command to be processed by the server. This field can be used as a <code>SUM</code> , <code>MIN</code> , <code>MAX</code> , <code>AVG</code> , <code>RATE</code> , <code>PCT</code> , or <code>ROUND</code> field.
DATE	The date (in YYYY-MM-DD format) when the Adabas command was processed. This field can also be used as a <code>MIN</code> or <code>MAX</code> field. Note: In the summary record written to its sequential LOG file, the data format for the DATE field for its <code>MIN</code> and <code>MAX</code> values is YYYYMMDD format without any delimiters.
DAY	The day number (within a month) when the Adabas command was processed.
DBID	The unique Adabas database identification number. This field can be used for record filtering.
DURATION	The amount of time that the command spent in the Adabas thread, including time spent waiting for I/O operations to complete. This field is expressed in seconds and is accurate to 4 decimal places. The field <code>ADADURA</code> contains the same value accurate to 6 decimal places.
ENDDATE	The date (in YYYY-MM-DD format) when the last Adabas command was processed within the current report control break. This field can also be used as a <code>MIN</code> or <code>MAX</code> field.
ENDTIME	The time (in 24-hour format) when the last Adabas command was processed within the current report control break. This field can also be used as a <code>MIN</code> or <code>MAX</code> field.
ENQDURA	The enqueue time, in milliseconds, of a command. This is the time between the <code>ADALNK.REVEXIT1</code> timestamp and the timestamp when the command is selected in the thread. This field is calculated as the sum of the <code>CQDURA</code> field time and the <code>ROUTDURA</code> field time.
ERRFLDNM	Error field name. Contains the Adabas 2-character name for a field that has been found to be in error in the Adabas format or search buffer.

Field Name	Description
ERRFLDOF	Contains the Error field offset in the format or search buffer of the Adabas 2-character name that was found to be in error.
FILE	<p>Corresponds to the ACB field <code>file number</code>. The function of this field is determined by the Adabas command being issued. Fields FILE and FNR are alternate names for the same data; you can use either field in your reports.</p> <p>This field can be used for record filtering.</p>
FNR	Corresponds to the ACB field <code>file number</code> . The function of this field is determined by the Adabas command being issued. Fields FILE and FNR are alternate names for the same data; you can use either field in your reports.
FULLSTCK	The 8-byte store clock value taken when the Adabas command was processed.
HOURL	The hour (in 24-hour format) when the Adabas command was processed.
ISN	<p>Corresponds to the ACB field <code>ISN</code>. The use of this field is determined by the command being issued.</p> <p>This field can be used for record filtering.</p>
ISNLL	<p>Corresponds to the ACB field <code>ISN lower limit</code>. The field contains the lowest ISN that Adabas returns when retrieving ISN lists. The use of this field is determined by the command being issued.</p> <p>Note: This field could be misinterpreted when used at the OP command, since the value of ISNLL as well as ISNQ are used for purposes other than the ISN lower limit or ISN quantity. Please refer to the Adabas Command Reference manual for further information.</p>
ISNQ	<p>Corresponds to a modification of the ACB field <code>ISN quantity</code>. The field is modified based on command type, and is suitable for performing mathematical calculations such as SUM and AVERAGE. The unmodified data can be found in the ORGISNQ field.</p> <p>This field can be used for record filtering.</p> <p>Note: This field could be misinterpreted when used at the OP command, since the value of ISNQ as well as ISNLL are used for purposes other than the ISN lower limit or ISN quantity. Please refer to the Adabas Command Reference manual for further information.</p>
JMREDATE	The date (in YYYY-MM-DD format) when the batch job was entered in JES or from the job information macro.
JOBCLASS	The one-byte character of the CLASS parameter in the job card.
JOBID	A combination of the job identifier and the job number of the user who issued the Adabas call. The field will contain JOB, STC, or TSU as the job identifier followed by a 5-byte JES job number.
JOBNAME	<p>The name of the job or task from which the Adabas call was issued. This field is the contents of the JOBNAME from the Adabas command log record and may not reflect the actual JOBNAME of the task that issued the Adabas call.</p> <p>This field can be used for record filtering.</p>
JOBNUM	The job number of the user who issued the Adabas call. The field will contain an alphanumeric, 5-byte value for the JES job number.

Field Name	Description
LANGID	<p>The language ID of the program that issued the Adabas call. This information is taken from the second byte of the Adabas control block (ACB) or extended Adabas control block (ACBX) used to make the Adabas call.</p> <p>A value of "N" indicates a Natural call; a value of "S" indicates an SQL call. Any other values are obtained from user-defined ACBs or ACBXs.</p>
LPARNAME	The system LPAR or partition name.
MB	The contents of the Adabas multifetch buffer if one exists for the Adabas call.
MONAME	The name of the month when the Adabas command was processed.
MONTH	The number of the month when the Adabas command was processed.
NATAPPL	<p>The Natural application name (or library) to which the user issued a LOGON. This field does not necessarily show the library of the Natural object from which the Adabas call is issued. Under SQL, this field contains the library name.</p> <p>This field can be used for record filtering.</p>
NATCLTID	NATCLTID displays the client user ID of a user using a Natural server. NATCLTID only contains a value if an RPC client request is executed in a Natural RPC server session. In all other cases the field is empty.
NATCOUNT	<p>The total number of Adabas calls generated by the user application since the last terminal I/O.</p> <p>This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.</p>
NATEXEC	<p>The number of times a Natural object that issues Adabas calls has been executed. NATEXEC is "1" if the Natural object has issued an Adabas call for the first time on this level; for each subsequent Adabas call on this level the value will be set to zero. You can use the SUM statement to total the values of this field to obtain the total number of times a specific Natural object has been called.</p> <p>This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.</p>
NATGRP	The current Natural security group to which the user belongs.
NATLEVEL	The Natural call level of the Natural program issuing the Adabas call. For example, a CALLNAT routine that is called from a program and issues an Adabas call has a Natural level of 2.
NATLIB	The name of the Natural library where the object is located that is currently executed.
NATPROG	<p>The name of the Natural program that issued the Adabas call. When Natural internally issues Adabas calls to load Natural objects, this value is not updated. Under SQL, this field contains the program name.</p> <p>This field can be used for record filtering.</p>
NATRPCCO	The 16-byte alphanumeric value of the conversation ID from the Natural RPC Server that is assigned to each conversation by webMethods EntireX Broker.
NATRPCID	The 16-byte alphanumeric value of the conversation ID from the Natural RPC Server.
NATSTMT	The Natural statement number where the Adabas command is processed. This line number is the line in the Natural program displayed by NATPROG. When the processed Adabas

Field Name	Description
	<p>command is in the copy code portion of the Natural program, the line number refers to the copy code. The name of the copy code is not available at this time.</p> <p>This field can be used for record filtering.</p>
NATUID	<p>The name of the Natural library to which the user is currently logged on. This is the value of the Natural system variable *APPLIC-ID.</p> <p>This field can be used for record filtering.</p>
NUCID	<p>The ID of an Adabas nucleus in an Adabas Parallel Services or Adabas Cluster Services environment.</p> <p>This field can be used for record filtering.</p>
OP1	Corresponds to the ACB field <code>command option 1</code> . The contents of this field is determined by the command being issued.
OP2	Corresponds to the ACB field <code>command option 2</code> . The contents of this field is determined by the command being issued.
OP3	Corresponds to the ACB field <code>command option 3</code> . The contents of this field is determined by the command being issued .
OPSYSNAM	The operating system name (SYSNAME) that is specified in the SYS1.PARMLIB and which will be obtained from the CVT (in z/OS environments) or the operating system name and version number (in BS2000 environments).
ORGCID	The Adabas command ID taken from either the ACBCID or ACBXCID fields during REVEXIT1 processing. Some Software AG products modify the contents of the Adabas command ID field during Adabas call processing. This field allows Adabas Review to report on both the original CID (ORGCID field) and the command ID that arrives at the Adabas nucleus (CID field). If the ORGCID and CID fields contain the same value, then the original Adabas command ID was not modified by Software AG products during Adabas call processing.
ORGDURA	<p>The (original) value of the "duration" field contained in the command log record. The time is expressed in units of 16 microseconds.</p> <p>This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.</p>
QUARTER	The quarter of the year in which the Adabas command was processed.
ROUTDURA	<p>The amount of time between the time a command was issued by the application and the time it was queued in the Adabas command queue. For Adabas 8.1 and earlier, this field is expressed in seconds; for Adabas 8.2 and later releases, this field is expressed in milliseconds. The ROUTDURA and ROUTTIME fields are alternate names for the same data; you can use either field in your reports.</p> <p>This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.</p>
ROUTTIME	Alternate name for ROUTDURA.

Field Name	Description
RSP	<p>Corresponds to the ACB field <code>response code</code>. A response code of 0 indicates that the command executed successfully. This name is used in the schema portion of the summary record.</p> <p>This field can be used for record filtering.</p>
RSPSUB	Contains the Adabas response code subcode from the ACB field <code>Additions 2</code> or the ACBX field <code>ACBXERRC</code> for certain nonzero Adabas response codes.
SECGID	Contains the security system group ID for the user who issued the Adabas call. This field is available under z/OS when the user is running with an external security system (RACF, ACF2, or Top Secret).
SECUID	<p>Contains the security system user ID for the user who issued the Adabas call. This field is available under z/OS when the user is running with an external security system (RACF, ACF2, or Top Secret).</p> <p>In CICS environments, the sign-on ID is normally the eight-byte string used by the CICS user when logging into the CICS system. It is also possible for asynchronous transactions to have sign-on IDs associated with them. If the sign-on ID cannot be determined by the Adabas Review CICS link routine exit, the following two values will appear in Review reports:</p> <p>Note: These values are only available if zap RD461067 (in a 4.6 SP1 environment) or zap RD462053 (in a 4.6 SP2 environment) have been applied.</p> <ol style="list-style-type: none"> 1. N/A: The ACEE associated with the CICS transaction could not be located by the Review CICS link routine exit. This could occur for at least one of the following reasons: <ul style="list-style-type: none"> ■ SAF=NO was coded in the CICS link routine globals table, (named CICSGBL by default). ■ The CICS is not running with security (SEC=NO) in the start-up parameters. ■ The particular CICS transaction is not running under security. 2. NOSECUID: The ACEE was located but the sign-on ID in the data structure was not provided. (It had a length of zero or was blank.)
SEQ	The Adabas command sequence number. The value is incremented by one for each Adabas command processed. Fields SEQ and SEQUENCE are alternate names for the same data; you can use either field in your reports.
SEQUENCE	The Adabas command sequence number. The value is incremented by one for each Adabas command processed. Fields SEQ and SEQUENCE are alternate names for the same data; you can use either field in your reports.
SRCHTYPE	<p>The type of search or search algorithm. This field contains one of the following values if the Adabas command log is for version 8.2 SP2 or later:</p> <ul style="list-style-type: none"> ■ ALGO-1: Search algorithm 1 (one descriptor/one value search) was used. ■ ALGO-2: Search algorithm 2 (one descriptor/multiple value search) was used. ■ ALGO-3: Search algorithm 3 (two-five descriptors/no work pool search) was used.

Field Name	Description
	<ul style="list-style-type: none"> ■ ALGO-4: Search algorithm 4 (work pool/Work part 2 search) was used. ■ ALGO-5: Search algorithm 5 (nondesoriptor search) was used. This also might appear in some reports as NONDES. ■ ALGO-6: Search algorithm 6 (mixed descriptor and nondesoriptor search) was used. This also might appear in some reports as MIXED. ■ ALGO-7: search algorithm 7 for search criteria with the R (=OR) operator at the highest level. <p>If the Adabas command log is for an older Adabas release (8.2 SP1 or earlier), the value of the SRCHTYPE field will be blank.</p>
STEPNAME	<p>The name of the job step or task step that issued the Adabas call. This step is only available in z/OS environments.</p> <p>This field can be used for record filtering.</p>
STRTDATE	The date (in YYYY-MM-DD format) when the first Adabas command was processed within the current report control break.
STRTTIME	The time (in 24-hour format) when the first Adabas command was processed within the current report control break.
THDURA	<p>The active thread time for a command. This is the time, in milliseconds, required to process the Adabas call, not including the wait time caused by I/O or other required resources. The value of this field is obtained from the command time field in the Adabas command log (LOX1CTME).</p> <p>This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.</p>
THTIME	Alternate name for THDURA.
TID	The Com-plete terminal ID number of the user who issued the Adabas call.
TIME	The time (in 24-hour format) when the first Adabas call was processed.
TOTDURA	<p>Total duration. Contains the amount of time the command was in the Adabas thread plus the amount of time the command waited in the command queue. The TOTDURA field is the sum of the ADADURA and CQDURA field values expressed in seconds.</p> <p>This field can be used for record filtering. It can also be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.</p>
TPTRANNM	The transaction number as established by the user's TP system for the transaction that issued the Adabas call.
TPUSERID	<p>The user ID on the TP monitor from which the Adabas call was issued.</p> <p>This field can be used for record filtering.</p> <p>In CICS environments, if zap RD461067 (in a 4.6 SP1 environment) or zap RD462053 (in a 4.6 SP2 environment) have been applied, this field is now obtained from the last eight bytes of the Adabas communication ID. This field matches the last eight bytes of the communication ID presented when issuing display user queue elements to target databases. Under CICS, the rules for constructing this field area is as follows:</p>

Field Name	Description
	<ul style="list-style-type: none"> ■ If NETOPT=YES was coded in the CICS link routine globals table, the TPUSERID will be the VTAM LU name. ■ If the transaction is associated with a CICS terminal, the TPUSERID will be the string "CICS" followed by the 4-byte CICS terminal ID. ■ If the transaction is not associated with a terminal, the TPUSERID will be the character "C" followed by seven digits containing the unpacked CICS task number.
TRANSID	<p>The name of the root transaction or program that issued the Adabas call.</p> <p>This field can be used for record filtering.</p>
TRUENAME	The name of the Adabas CICS link routine TRUE exit.
UCMPRECL	Uncompressed record length. The uncompressed length of the Adabas format or search buffer field.
UOWID	<p>Contains the instance number and the sequence number of the CICS field NETUOWID, which is 27 bytes long. This field can only be filled in by CICS. The evaluation of this field requires a large amount of CPU time and, therefore, can only be activated by a special zap. Following is a description of the bytes in NETUOWID:</p> <ul style="list-style-type: none"> ■ Offset 0 (Length 1): The length (L) of the Logical-Unit-of-Work-Identifier-Field, not including this field. The NETUOWID contains Logical-Unit-of-Work-Identifier-Field plus padding bytes. Values: 0 or $10 \leq L \leq 26$. ■ Offset 1 (Length 1): The length of Network Name, not including this field, $m = L - 9$, $1 \leq m \leq 17$. ■ Offset 2 (Length m): Network name, format: ABCDEFGH.ABCDEFGH, Networkid.Luname. ■ Offset $m + 2$ (Length 6): Instance number. ■ Offset $m + 2 + 6$ (Length 2): Sequence number. ■ Offset $m + 2 + 6 + 2$ (Length until 27): Residual data.
USERID	The 28-byte Adabas communication ID of the user for whom the command was processed.
USERTYPE	The type of TP system from which the Adabas call was issued. For example, if the Adabas call was issued from a CICS session, the USERTYPE field contains "CICS".
WEEK	The week number of the week in which the Adabas command was processed.
WEEKDAY	The name of the day on which the Adabas command was processed.
YEAR	The year (in YYYY format) in which the Adabas command was processed.
ZIIP	ZIIP indicates whether the Adabas application program was running on a zIIP processor when calling Adabas.

Adabas Review Duration Field Derivations

In Adabas Review, fields containing times as well as durations are recorded. Time fields represent the time of day at which something occurred; duration fields are calculated and represent the length of time it took a process to occur.

The unit for Adabas duration fields, i.e. seconds or milliseconds is described for each field and applies to the displayed format in SYSREVDB and RVUPRT output. In the Repository History Data, the Summary log and the Raw log the value is stored in an "unformatted" manner, which means in microseconds.

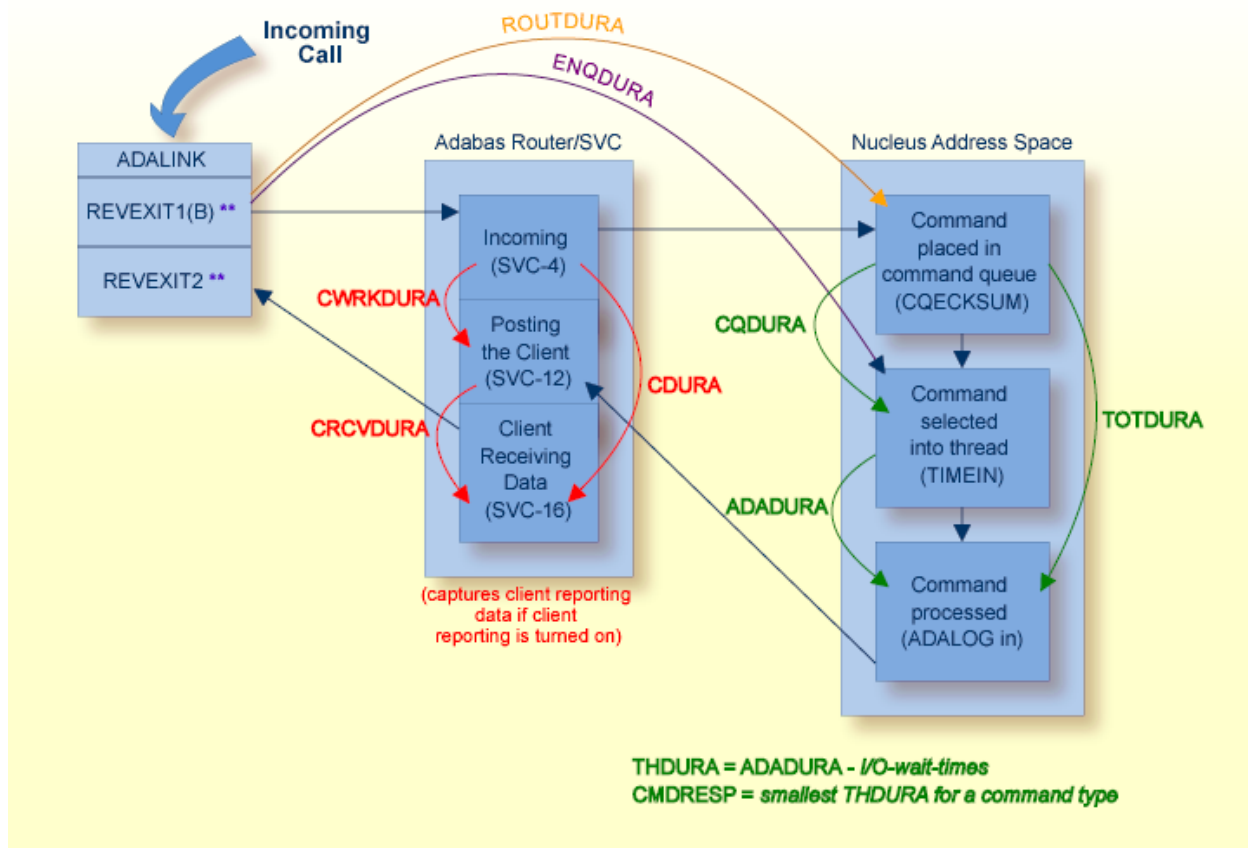
The following duration fields are calculated by Adabas Review processing.

Field System Name	Description
ADADURA	<p>Adabas duration. Corresponds to the <code>DURATION</code> field. This field contains the amount of time (in seconds) that the command spent in the Adabas thread, including the time spent waiting for the completion of I/O operations. The <code>ADADURA</code> field differs from the <code>DURATION</code> and <code>ORGDURA</code> fields in that the time is computed to 6 decimal places instead of 4 decimal places.</p> <p>This field can be used for record filtering. It can also be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.</p>
CDURA	<p>The total client duration time. This is the total time (in seconds) in which the client waits for the command to be processed by the server and the time it takes the ADALNK portion of the client to retrieve the command results. <code>CDURA</code> is the sum of the <code>CRCVDURA</code> and <code>CWRKDURA</code> fields.</p> <p>Measurement for this field starts immediately after the command is passed to the server (when it is posted from the Adabas link routine to the Adabas address space and SVC-4 router processing is performed). Measurement stops when the client picks up the command result information from the server (performing SVC-16 router processing within the Adabas link routine).</p> <p>This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.</p>
CMDRESP	<p>The time, in milliseconds, required to process the Adabas call. In the command table, Adabas Review stores the minimum Adabas duration for each command type returning a zero response code. The command table is updated whenever a lower duration value is encountered. Command response time is thus based on the <code>command time</code> field in the Adabas command log.</p> <p>The values for <code>CMDRESP</code> in the history file are automatically stored in seconds. To display them correctly, they must be converted to milliseconds. For more information on this conversion, read <i>Migration from Previous Versions</i>, in the <i>Adabas Review Release Notes</i>.</p>

Field System Name	Description
	<p>If you need to continue using the old scale and the old calculation algorithm for history data, contact your Software AG support representative.</p> <p>Due to changes in the display programs in SYSREVDDB, you cannot use SYSREVDDB in Adabas Review 4.4 (or earlier versions) to display the field contents of CMDRESP correctly, unless you stay with the old scale and algorithm.</p> <p>This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.</p>
CQDURA	<p>Command queue duration. Contains the amount of time (in seconds) that a command waited in the command queue before being dispatched into an Adabas thread.</p> <p>This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.</p>
CRCVDURA	<p>The client receive time. This is the time (in seconds) it takes the Adabas link routine to retrieve a processed command from the server.</p> <p>Measurement for this field starts immediately after the server posts the Adabas link routine to retrieve the command result information (performing SVC-12 router processing) . Measurement stops when the Adabas link routine retrieves the command information from the server address space (performing SVC-16 router processing).</p> <p>This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.</p>
CWRKDURA	<p>The client wait time, or the time in which the server works for the client. This is the time (in seconds) in which the client waits for the command to be processed by the server.</p> <p>Measurement for this field starts immediately after the command is passed to the server for processing (when it is posted from the Adabas link routine to the Adabas address space and SVC-4 processing is performed). Measurement stops when the Adabas link routine retrieves the command information from the server address space (performing SVC-12 router processing).</p> <p>This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.</p>
ENQDURA	<p>The enqueue time, in milliseconds, of a command. This is the time between the ADALNK.REVEXIT1 timestamp and the timestamp when the command is selected in the thread.</p> <p>This field is calculated as the sum of the CQDURA field time and the ROUTDURA field time.</p>
ESTCPU	<p>The estimated CPU time, in seconds, used by each Adabas command. The values shown in this field are only relative approximations of the CPU time used; they are not based on any actual CPU times and are calculated, instead, based on an algorithm. The algorithm used varies for each Adabas command type and is based on the number of instructions, I/Os, descriptors, and fields used.</p> <p>This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.</p>

Field System Name	Description
ROUTDURA	<p>The amount of time between the time a command was issued by the application and the time it was queued in the Adabas command queue. For Adabas 8.1 and earlier, this field is expressed in seconds; for Adabas 8.2 and later releases, this field is expressed in milliseconds.</p> <p>This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.</p>
ROUTTIME	Alternate name for ROUTDURA.
THDURA	<p>The active thread time for a command. This is the time, in milliseconds, required to process the Adabas call, not including the wait time caused by I/O or other required resources. The value of this field is obtained from the command time field in the Adabas command log (LOX1CTME).</p> <p>This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.</p>
TOTDURA	<p>Total duration. Contains the amount of time the command was in the Adabas thread plus the amount of time the command waited in the command queue. The TOTDURA field is the sum of the ADADURA and CQDURA field values expressed in seconds.</p> <p>This field can be used for record filtering. It can also be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.</p>

The following diagram depicts how these duration fields are calculated by Adabas Review:



**: The REVEXIT entry points REVEXIT1 (formerly REVEXITB) and REVEXIT2 are generated and linked to the ADALNK link routine when you install the components of Adabas Review that depend on a particular TP monitor. For more information, read about installation phase 2 in your Adabas Review installation documentation.

Fields Referring to the Adabas Global User ID or Adabas Communication ID

The Adabas Global user ID is a 28-byte long unique identifier for each Adabas user. This ID is set by the client environment and contains in most cases the CPUID, the operating system ID and a user specific identifier depending on the TP system the caller executed the Adabas call.

The user-specific identifier (the last 8 bytes of the 28-bytes) depends on the TP environment and is set as follows:

- Com-plete
- CICS
- VTAM

■ Batch and TSO

Com-plete

This is the Com-plete ID which is comprised as follows:

- The first 3 bytes of the ID represent the Com-pass stack level;
- The fourth byte is the Com-plete patch character;
- The last 4 bytes identify the Com-plete terminal ID number in hexadecimal format.

CICS

Under CICS, the rules for constructing this field area are the following:

- If NETOPT=YES was coded in the CICS link routine globals table, this value will be the VTAM LU name;
- If the transaction is associated with a CICS terminal, the value will be the string "CICS" followed by the 4-byte CICS terminal ID;
- If the transaction is not associated with a terminal, the value will be the character "C" followed by seven digits containing the unpacked CICS task number.

VTAM

The VTAM LU (logical unit) name.

Batch and TSO

A unique STCK value is used.

This field may contain different data when an X'48' call is issued. To avoid such a call in Natural, set Natural parameter ADAMODE=0 (the default value is 2).

Overview of fields that contain data taken from this 28-byte field:

Field Name	Length	Offset within the field
CPUID	8	+0
OPSYID	4	+16
LUNAME and UBUID	8	+20 (last 8 bytes)
CQEUID and USERID	28	+0



Note: The field TPUSERID is not always obtained from the 28-byte Adabas Global user ID. It might also contain the security ID.

ABALLOC Field

The number of bytes of attached buffer space currently used. An attached buffer is an internal buffer used for interregion communication.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
ABALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
ABALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

ABDATE Field

The date (in YYYY-MM-DD format) when the attached buffer high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
ABDATE	Batch reports	You can also use any alternate names for the field in batch reports.
ABDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

ABENT Field

The current number of attached buffer entries.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
ABENT	Batch reports	You can also use any alternate names for the field in batch reports.
ABENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

ABPCT Field

The maximum percentage of attached buffer space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
ABPCT	Batch reports	You can also use any alternate names for the field in batch reports.
ABPCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

ABSIZE Field

The total amount (in bytes) of attached buffer space allocated at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
ABSIZE	Batch reports	You can also use any alternate names for the field in batch reports.
ABSIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

ABTIME Field

The time (in HH:MM:SS format) that the attached buffer high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
ABTIME	Batch reports	You can also use any alternate names for the field in batch reports.
ABTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

ABUSED Field

The maximum number (in bytes) of attached buffer space used during the Adabas nucleus session.

Alternate Names: none

Category:NUC-BUFF

Use Field Name	In	Notes
ABUSED	Batch reports	You can also use any alternate names for the field in batch reports.
ABUSED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

ACBUSER Field

This field, comprising the last four bytes of the ACB, contains user data that is passed with the Adabas call. It is referred to as the `user area` field in the ACB, and is neither used nor modified by Adabas.

This field can be used for record filtering.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
ACBUSER	Batch reports	You can also use any alternate names for the field in batch reports.
ACBUSER	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	4	B	4	B	8	H	4	B	8	B

ACCTINF2 Field

The field value is only available for z/OS batch jobs and TSO.

The job statement may look as follows:

```
//xxxx JOB (acc1,acc2,acc3,acc4)xxx
```

Where *acc1* value is in field ACCTINFO and *acc2* in field ACCTINF2. For both fields the values are limited to 16 byte and the data will be cut.

In case field *acc1* is empty no values are captured, neither for ACCTINFO nor for ACCTINF2. In case field *acc2* is empty, but field *acc3* is filled then *acc3* is in field ACCTINF2, in case field *acc2* and field *acc3* are empty, then *acc4* is in field ACCTINF2.

Alternate Names: none

Category: OS

Use Field Name	In	Notes
ACCTINF2	Batch reports	You can also use any alternate names for the field in batch reports.
ACCTINF2	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
16	A	16	A	16	A	16	A	16	A	16	A

ACCTINFO Field

Accounting information about the user that issued the Adabas call.

Values are available for z/OS batch jobs and TSO, and for Com-plete.

For z/OS batch jobs, the field will contain the first value specified in the account field of the job card.

The job in z/OS statement may look as follows:

```
//xxxx JOB (acc1,acc2,acc3,acc4)xxx
```

Where the *acc1* value is in field ACCTINFO. The value is limited to 16 byte and the data will be cut.

For Com-plete users, the field will contain the account information specified in the user's Com-plete profile.

Alternate Names: none

Category: OS

Use Field Name	In	Notes
ACCTINFO	Batch reports	You can also use any alternate names for the field in batch reports.
ACCTINFO	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
16	A	16	A	16	A	16	A	16	A	16	A

ACINAME Field

The program name of the Adabas CICS link routine for the DCI interface: ADADCI.

Alternate Names: CURENPGM

Category: TP

Use Field Name	In	Notes
ACINAME	Batch reports	You can also use any alternate names for the field in batch reports.
ACINAME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

ADADURA Field

Adabas duration. Corresponds to the `DURATION` field. This field contains the amount of time (in seconds) that the command spent in the Adabas thread, including the time spent waiting for the completion of I/O operations. The `ADADURA` field differs from the `DURATION` field in that the time is computed to 6 decimal places instead of 4 decimal places.

This field can be used for record filtering. It can also be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: none

Category: IT

Use Field Name	In	Notes
ADADURA	Batch reports	You can also use any alternate names for the field in batch reports.
ADADURA	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8.6	N	8	B	13.6	Z	4	B	8	B

ADDIT1 Field

Corresponds to the ACB field `Additions 1`. The command to be executed determines whether this field is used and what the contents represent.

Alternate Names: AD1 , ADD1

The field name ADD1 is used in the schema portion of the [summary record](#).

Category: CB

Use Field Name	In	Notes
ADD1	Batch reports	You can also use any alternate names for the field in batch reports.
ADDIT1	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	B	8	A	16	H	8	B	8	B

ADDIT2 Field

Corresponds to the ACB field **Additions 2**. The command to be executed determines whether this field is used and what the contents represent.

When ADARUN parameter CLOGLAYOUT is set to 8, the content of this field is taken from the ACBX structure. Note that there are differences in meaning of the Additions 2 field in the ACBX and in the ACB.

In the ACBX, some information that was formally available in the Additions 2 field is now split into several fields. For example, the error-related subcode information that was originally provided in the Additions 2 in the ACB is now provided in the Adabas ACBXSUBS (Subcomponent Response Subcode) field. The Additions 2 field will contain the transaction sequence number for an OP (open) and RE (read ET data) command. In Adabas Review, if the ADARUN parameter CLOGLAYOUT is set to 8, you will find the information from the older ACB Additions 2 structure in the following separate Adabas Review fields:

- **CMPRECL** contains the compressed record length.
- **ERRFLDNM** contains the error field name.
- **RSPSUB** contains the subcode for an Adabas response code.
- **UCMPRECL** contains the uncompressed record length.

Alternate Names: AD2 , ADD2

The field name ADD2 is used in the schema portion of the **summary record**.

Category: CB

Use Field Name	In	Notes
ADD2	Batch reports	You can also use any alternate names for the field in batch reports.
ADDIT2	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	4	B	4	B	8	H	4	B	8	B

ADDIT3 Field

Corresponds to the ACB field **Additions 3**. The command to be executed determines whether this field is used and what the contents represent.

Alternate Names: AD3 , ADD3

The field name ADD3 is used in the schema portion of the **summary record**.

Category: CB

Use Field Name	In	Notes
ADD3	Batch reports	You can also use any alternate names for the field in batch reports.
ADDIT3	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	B	8	A	16	H	8	A	16	A

ADDIT4 Field

Corresponds to the ACB field *Additions 4*. The command to be executed determines whether this field is used and what the contents represent.

Alternate Names: AD4 , ADD4

The field name ADD4 is used in the schema portion of the [summary record](#).

Category: CB

Use Field Name	In	Notes
ADD4	Batch reports	You can also use any alternate names for the field in batch reports.
ADDIT4	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	B	8	A	16	H	8	A	16	A

ADDIT5 Field

Corresponds to the ACB field *Additions 5*. The command to be executed determines whether this field is used and what the contents represent.

Alternate Names: AD5 , ADD5

The field name ADD5 is used in the schema portion of the [summary record](#).

Category: CB

Use Field Name	In	Notes
ADD5	Batch reports	You can also use any alternate names for the field in batch reports.
ADDIT5	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	B	8	A	16	H	8	A	16	A

AFP Field

Indicates whether the Adabas call was satisfied by Adabas Fastpath or not. Valid values are "Y" or "N". If the field value is "Y", it was satisfied by Adabas Fastpath.



Note: If AFP=Y is specified, do not sort the report on the SEQUENCE field; all values of SEQUENCE are equal to zero when AFP=Y, so the sort will not give you the true sequence of the commands.

Alternate Names: none

Category: CMON

Use Field Name	In	Notes
AFP	Batch reports	You can also use any alternate names for the field in batch reports.
AFP	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
1	A	1	A	1	A	1	A	1	A	1	A

ASSOIO Field

The number of asynchronous Associator read I/Os for this command.

This field can be used for record filtering. It can also be used as a SUM, MIN, MAX, or AVG field.

Alternate Names: ASSO-IO

Category: I/O

Use Field Name	In	Notes
ASSOIO	Batch reports	You can also use any alternate names for the field in batch reports.
ASSOIO	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	12	N	8	B	12	Z	2	B	8	B

ASSOREAD Field

The total number of Associator read I/Os that occurred during the Adabas session. This value is updated every minute and not when each command is issued.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
ASSOREAD	Batch reports	You can also use any alternate names for the field in batch reports.
ASSOREAD	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

ASSOWRIT Field

The total number of Associator write I/Os that occurred during the Adabas session. This value is updated every minute and not when each command is issued.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
ASSOWRIT	Batch reports	You can also use any alternate names for the field in batch reports.
ASSOWRIT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

ASSOREAG Field

The total number of Associator write I/Os that occurred during the Adabas session. This value is updated every minute and not when each command is issued.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
ASSOREAG	Batch reports	You can also use any alternate names for the field in batch reports.
ASSOREAG	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	20	N	8	B	20	Z				

ASSOWRIG Field

The total number of Associator write I/Os that occurred during the Adabas session. This value is updated every minute and not when each command is issued.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
ASSOWRIG	Batch reports	You can also use any alternate names for the field in batch reports.
ASSOWRIG	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	20	N	8	B	20	Z				

AUTORSRT Field

The number of autorestarts performed during the session, to recover from a preceding failure.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
AUTORSRT	Batch reports	You can also use any alternate names for the field in batch reports.
AUTORSRT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z	8	B	8	B

BUFFEFF Field

A measure of buffer efficiency. Contains the ratio of the number of calls to the Adabas buffer pool manager to the number of Adabas physical read requests made to the Associator and the Data Storage devices. For example, if the number of read I/Os is 100 and the number of calls to the buffer pool manager is 500, the buffer efficiency is 500/100 or 5. The higher the buffer efficiency number, the more efficient is the use of buffer space. If the buffer efficiency number is low, it is recommended that you increase the LBP (length of buffer pool) ADARUN parameter.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
BUFFEFF	Batch reports	You can also use any alternate names for the field in batch reports.
BUFFEFF	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	7.1	N	8	B	8.1	Z	4	B	8	B

BUFFLUSH Field

The number of times that the Adabas buffer pool (LBP) was flushed during the Adabas nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
BUFFLUSH	Batch reports	You can also use any alternate names for the field in batch reports.
BUFFLUSH	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	4	B	10	Z	4	B	8	B

BUFFLUSG Field

The number of times that the Adabas buffer pool (LBP) was flushed during the Adabas nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
BUFFLUSG	Batch reports	You can also use any alternate names for the field in batch reports.
BUFFLUSG	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	20	N	8	B	20	Z				

BUFFWAIT Field

The number of times that Adabas Review had to wait for a buffer.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
BUFFWAIT	Batch reports	You can also use any alternate names for the field in batch reports.
BUFFWAIT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	4	B	8	Z	4	B	8	B

CALLPGM Field

In batch environments, this field contains the top-level program name.

In CICS environments, this field contains the program that executed the last EXEC CICS LINK or XCTL command.

- In non-DCI situations, this is the program calling the Adabas CICS link routine via EXEC CICS LINK
- In DCI interface situations (used by Natural), this is the name of the executing program if there was no previous EXEC CICS LINK or, if there was a previous EXEC CICS LINK, the name of the program that executed the last EXEC CICS LINK.

This field can be used for record filtering.

Alternate Names: none

Category: TP

Use Field Name	In	Notes
CALLPGM	Batch reports	You can also use any alternate names for the field in batch reports.
CALLPGM	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

CALLTYPE Field

Contains the type of the Adabas call that was issued. Possible values are:

- "PHYSICAL": indicates a standard Adabas call
- "REMOTE": indicates a call arriving via Entire Net-Work.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
CALLTYPE	Batch reports	You can also use any alternate names for the field in batch reports.
CALLTYPE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

CCALLS Field

The counter of successful client calls.

Client calls are calls from the REVIEW Client in ADALNK or from the Adabas Server to the Review Server Hub using the Transport interregion communication protocol.



Note: The counter is not comparable to the number of commands, because command log records are normally buffered before sending, to reduce the number of calls. This counter is only for the number of buffers.

Alternate Names: none

Category: IN

Use Field Name	In	Notes
CCALLS	Batch reports or Online (SYSREVDDB) reports	No alternate names.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

CCALLU Field

The counter of unsuccessful client calls.

Client calls are calls from the REVIEW Client in ADALNK or from the Adabas Server to the Review Server Hub using the Transport interregion communication protocol.



Note: The counter is not comparable to the number of commands, because command log records are normally buffered before sending, to reduce the number of calls. This counter is only for the number of buffers.

In case this number is not zero for the interface call between Adabas Server and the Review Hub Server, you might consider the implementation of user exit 5. See *Interface Calls* in the *Concepts and Facilities* documentation for further details.

Alternate Names: none

Category: IN

Use Field Name	In	Notes
CCALLU	Batch reports or Online (SYSREVDDB) reports	No alternate names.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

CDURA Field

The total client duration time. This is the total time (in seconds) in which the client waits for the command to be processed by the server and the time it takes the ADALNK portion of the client to retrieve the command results. CDURA is the sum of the CRCVDURA and CWRKDURA fields.

Measurement for this field starts immediately after the command is passed to the server (when it is posted from the Adabas link routine to the Adabas address space and SVC-4 router processing is performed). Measurement stops when the client picks up the command result information from the server (performing SVC-16 router processing within the Adabas link routine).

This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: none

Category: CMON

Use Field Name	In	Notes
CDURA	Batch reports	You can also use any alternate names for the field in batch reports.
CDURA	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	6.6	N	4	B	13.6	Z	4	B	8	B

CID Field

Corresponds to the hexadecimal value of the ACB field `command ID`. This field serves important functions, determined by the command, during command execution. For example, during a sequential read, the command ID is used to return the records to the user in the proper sequence. This field displays the value of the CID in hexadecimal format (for example, if CID=ABCD, it is displayed in this field as "C1C2C3C4").

This field can be used for record filtering.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
CID	Batch reports	You can also use any alternate names for the field in batch reports.
CID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	A	4	B	4	A	8	H	4	A	4	A

CIDALPHA Field

Corresponds to the alphanumeric value of the ACB field `command ID`. This field serves important functions, determined by the command, during command execution. For example, during a sequential read, the command ID is used to return the records to the user in the proper sequence. This field displays the value of the CID in alphanumeric format.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
CIDALPHA	Batch reports	You can also use any alternate names for the field in batch reports.
CIDALPHA	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	A	4	A	4	A	4	A	4	A	4	A

CLIENT Field

The CLIENT field can be used in client and non-client reports. For client reports the field will be set to Y and for non-client reports the field will be set to N.

Alternate Names: none

Category: TP

Use Field Name	In	Notes
CLIENT	Batch reports	You can also use any alternate names for the field in batch reports.
CLIENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
1	A	1	A	1	C	1	C	1	C	1	C

CLREADS Field

Command Log read I/Os.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
CLREADS	Batch reports	You can also use any alternate names for the field in batch reports.
CLREADS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z				

CLWRITES Field

Command Log write I/Os.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
CLWRITES	Batch reports	You can also use any alternate names for the field in batch reports.
CLWRITES	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z				

CMD Field

Corresponds to the ACB and ACBX field Command Code.

This field can be used for record filtering.

Alternate Names: COMMAND

Category: CB

Use Field Name	In	Notes
CMD	Batch reports	You can also use any alternate names for the field in batch reports.
CMD	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	A	2	A	2	A	2	A	2	A	2	A

CMDNAME Field

A translation of the 2-byte Adabas command code to a 14-byte string. For example, the command code BT is translated to "Backout Trans".

Alternate Names: CNAME

Category: CB

Use Field Name	In	Notes
CMDNAME	Batch reports	You can also use any alternate names for the field in batch reports.
CMDNAME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
14	A	14	A	14	A	14	A	14	A	14	A

CMDRESP Field

The time, in milliseconds, required to process the Adabas call. In the command table, Adabas Review stores the minimum Adabas duration for each command type returning a zero response code. The command table is updated whenever a lower duration value is encountered. Command response time is thus based on the `command time` field in the Adabas command log. The CMDRESP value that is actually determined is returned, even for commands with a non-zero response code.

This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: CMDRSP , MCR

Category: IT

Use Field Name	In	Notes
CMDRESP	Batch reports	You can also use any alternate names for the field in batch reports.
CMDRESP	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	12.6	N	8	B	14.6	Z	4	B	8	B

CMDSTAT Field

Contains the Adabas internal status for an Adabas command. For example, the Adabas command L3 has an internal status of SIMPLE and S1 has an internal status of COMPLEX.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
CMDSTAT	Batch reports	You can also use any alternate names for the field in batch reports.
CMDSTAT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

CMDTYPE Field

The 1-byte `command_type` field of the Adabas command log record that describes the internal Adabas status for the command. For example, a command type of 01 is a simple command and a command type of 42 is a complex command. The CMDSTAT field provides this translation.

This field can be used for record filtering.

Alternate Names: CMD-TYPE , TYPECMD

Category: CB

Use Field Name	In	Notes
CMDTYPE	Batch reports	You can also use any alternate names for the field in batch reports.
CMDTYPE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
1	B	1	B	1	B	2	H	1	B	8	B

CMPRECL Field

Contains the compressed record length of the record returned by a `READ` or a `FIND` command.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
CMPRECL	Batch reports	You can also use any alternate names for the field in batch reports.
CMPRECL	Online (SYSREVDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	9	N	8	B	4	Z	4	B	8	B

COMMANDS Field

The number of Adabas commands processed for the control break. This field is only available for summary reports.

This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
COMMANDS	Batch reports	You can also use any alternate names for the field in batch reports.
COMMANDS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	13	N	8	B	13	Z	8	B	8	B

CPUID Field

The internal identifying serial number of the CPU from which the Adabas call was issued.



Note: This field may contain different data when an X'48' call is issued. To avoid such a call in Natural, set Natural parameter ADAMODE=0 (the default value is 2).

Alternate Names: none

Category: OS

Use Field Name	In	Notes
CPUID	Batch reports	You can also use any alternate names for the field in batch reports.
CPUID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	B	8	A	16	H	8	A	8	A

CQALLOC Field

The number of bytes of command queue space currently used.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
CQALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
CQALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

CQDATE Field

The date (in YYYY-MM-DD format) when the command queue high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
CQDATE	Batch reports	You can also use any alternate names for the field in batch reports.
CQDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

CQDURA Field

Command queue duration. Contains the amount of time (in seconds) that a command waited in the command queue before being dispatched into an Adabas thread.

This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: none

Category: IT

Use Field Name	In	Notes
CQDURA	Batch reports	You can also use any alternate names for the field in batch reports.
CQDURA	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8.6	N	8	B	13.6	Z	4	B	8	B

CQENT Field

The current number of command queue entries.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
CQENT	Batch reports	You can also use any alternate names for the field in batch reports.
CQENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

CQES Field

The number of command queue entries currently in use. This information can be useful when resolving performance problems.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
CQES	Batch reports	You can also use any alternate names for the field in batch reports.
CQES	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	4	N	8	B	4	Z	4	B	8	B

CQEUID Field

Contains the 28-byte Adabas communication user ID for the user who issued the Adabas call.



Note: This field may contain different data when an X'48' call is issued. To avoid such a call in Natural, set Natural parameter ADAMODE=0 (the default value is 2).

Alternate Names: none

Category: TP

Use Field Name	In	Notes
CQEUID	Batch reports	You can also use any alternate names for the field in batch reports.
CQEUID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
28	A	28	B	28	A	56	H	28	A	28	B

CQJOB Field

The job or started task name for the user obtained from the user's command queue element.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
CQJOB	Batch reports	You can also use any alternate names for the field in batch reports.
CQJOB	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

CQMAXENT Field

The maximum number of entries that have been in the command queue for the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
CQMAXENT	Batch reports	You can also use any alternate names for the field in batch reports.
CQMAXENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

CQPCT Field

The maximum percentage of command queue space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
CQPCT	Batch reports	You can also use any alternate names for the field in batch reports.
CQPCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

CQSIZE Field

The total number of bytes of command queue space allocated at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
CQSIZE	Batch reports	You can also use any alternate names for the field in batch reports.
CQSIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

CQTIME Field

The time (in HH:MM:SS format) when the command queue high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
CQTIME	Batch reports	You can also use any alternate names for the field in batch reports.
CQTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

CQUQADDR Field

The address of the User Queue Element found in the CQE.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
CQUQADDR	Batch reports	You can also use any alternate names for the field in batch reports.
CQUQADDR	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	4	B	8	B	8	Z	4	B	8	B

CQUSED Field

The maximum number of bytes of command queue space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
CQUSED	Batch reports	You can also use any alternate names for the field in batch reports.
CQUSED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

CRCVDURA Field

The client receive time. This is the time (in seconds) it takes the Adabas link routine to retrieve a processed command from the server.

Measurement for this field starts immediately after the server posts the Adabas link routine to retrieve the command result information (performing SVC-12 router processing) . Measurement stops when the Adabas link routine retrieves the command information from the server address space (performing SVC-16 router processing).

The time is computed to 6 decimal places.

This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: none

Category: CMON

Use Field Name	In	Notes
CRCVDURA	Batch reports	You can also use any alternate names for the field in batch reports.
CRCVDURA	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRTⁿⁿ output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	6.6	N	4	B	13.6	Z	4	B	8	B

CWRKDURA Field

The client wait time, or the time in which the server works for the client. This is the time (in seconds) in which the client waits for the command to be processed by the server.

Measurement for this field starts immediately after the command is passed to the server for processing (when it is posted from the Adabas link routine to the Adabas address space and SVC-4 processing is performed). Measurement stops when the Adabas link routine retrieves the command information from the server address space (performing SVC-12 router processing).

The time is computed to 6 decimal places.

This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: none

Category: CMON

Use Field Name	In	Notes
CWRKDURA	Batch reports	You can also use any alternate names for the field in batch reports.
CWRKDURA	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	6.6	N	4	B	13.6	Z	4	B	8	B

DATAIO Field

The number of asynchronous Data Storage read I/Os for this command.

This field can be used for record filtering. It can also be used as a SUM, MIN, MAX, or AVG field.

Alternate Names: DATA-IO

Category: I/O

Use Field Name	In	Notes
DATAIO	Batch reports	You can also use any alternate names for the field in batch reports.
DATAIO	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	12	N	8	B	12	Z	4	B	8	B

DATAREAD Field

The total number of Adabas Data Storage read I/Os for the Adabas session. This value is updated every minute and not when each command is issued.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
DATAREAD	Batch reports	You can also use any alternate names for the field in batch reports.
DATAREAD	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

DATAWRIT Field

The total number of Adabas Data Storage write I/Os for the Adabas session. This value is updated every minute and not when each command is issued.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
DATAWRIT	Batch reports	You can also use any alternate names for the field in batch reports.
DATAWRIT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

DATAAREAG Field

The total number of Adabas Data Storage read I/Os for the Adabas session. This value is updated every minute and not when each command is issued.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
DATAAREAG	Batch reports	You can also use any alternate names for the field in batch reports.
DATAAREAG	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	20	N	8	B	20	Z				

DATAWRIG Field

The total number of Adabas Data Storage write I/Os for the Adabas session. This value is updated every minute and not when each command is issued.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
DATAWRIG	Batch reports	You can also use any alternate names for the field in batch reports.
DATAWRIG	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	20	N	8	B	20	Z				

DATE Field

The date (in YYYY-MM-DD format) when the Adabas command was processed. This field can also be used as a MIN or MAX field.



Note: In the summary record written to its sequential LOG file, the data format for the DATE field for its MIN and MAX values is YYYYMMDD format without any delimiters.

Alternate Names: none

Category: IT

Use Field Name	In	Notes
DATE	Batch reports	You can also use any alternate names for the field in batch reports.
DATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

DAY Field

The day number (within a month) when the Adabas command was processed.

Alternate Names: none

Category: IT

Use Field Name	In	Notes
DAY	Batch reports	You can also use any alternate names for the field in batch reports.
DAY	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
1	B	3	N	1	B	2	Z	1	B	8	B

DBID Field

The unique Adabas database identification number.

This field can be used for record filtering.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
DBID	Batch reports	You can also use any alternate names for the field in batch reports.
DBID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	5	N	2	B	5	Z	2	B	8	B

DBNAME Field

The 16-character name assigned to the database when it was created.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
DBNAME	Batch reports	You can also use any alternate names for the field in batch reports.
DBNAME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
16	A	16	A	16	A	16	A	16	A	16	A

DESUPD Field

Contains the number of descriptors that were updated for an Adabas call.

Alternate Names: DES

Category: CB

Use Field Name	In	Notes
DESUPD	Batch reports	You can also use any alternate names for the field in batch reports.
DESUPD	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	12	N	8	B	6	Z	2	B	8	B

DQALLOC Field

The current number of bytes used in the unique descriptor pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
DQALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
DQALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

DQDATE Field

The date (in YYYY-MM-DD format) when the unique descriptor pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
DQDATE	Batch reports	You can also use any alternate names for the field in batch reports.
DQDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

DQENT Field

The current number of entries located in the unique descriptor pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
DQENT	Batch reports	You can also use any alternate names for the field in batch reports.
DQENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

DQPCT Field

The maximum percentage of unique descriptor pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
DQPCT	Batch reports	You can also use any alternate names for the field in batch reports.
DQPCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

DQSIZE Field

The total number of bytes allocated to the unique descriptor pool at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
DQSIZE	Batch reports	You can also use any alternate names for the field in batch reports.
DQSIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

DQTIME Field

The time (in HH:MM:SS format) when the unique descriptor pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
DQTIME	Batch reports	You can also use any alternate names for the field in batch reports.
DQTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

DQUSED Field

The maximum number of bytes of unique descriptor pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
DQUSED	Batch reports	You can also use any alternate names for the field in batch reports.
DQUSED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

DURATION Field

The amount of time that the command spent in the Adabas thread, including time spent waiting for I/O operations to complete. This field is expressed in seconds and is accurate to 4 decimal places. The field ADADURA contains the same value accurate to 6 decimal places.

This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: DUR , DURAT

Category: IT

Use Field Name	In	Notes
DURATION	Batch reports	You can also use any alternate names for the field in batch reports.
DURATION	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8.4	N	8	B	12.4	Z	4	B	8	B

ENDDATE Field

The date (in YYYY-MM-DD format) when the last Adabas command was processed within the current report control break. This field can also be used as a MIN or MAX field.

Alternate Names: none

Category: IT

Use Field Name	In	Notes
ENDDATE	Batch reports	You can also use any alternate names for the field in batch reports.
ENDDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	A	10	A	10	A	10	A	4	T	10	A

ENDTIME Field

The time (in 24-hour format) when the last Adabas command was processed within the current report control break. This field can also be used as a MIN or MAX field.

Alternate Names: none

Category: IT

Use Field Name	In	Notes
ENDTIME	Batch reports	You can also use any alternate names for the field in batch reports.
ENDTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	A	8	A	8	A	8	A	4	T	8	A

ENQDURA Field

The enqueue time, in milliseconds, of a command. This is the time between the ADALNK.REVEXIT1 timestamp and the timestamp when the command is selected in the thread.

The time is computed to 6 decimal places.

This field is calculated as the sum of the CQDURA field time and the ROUTDURA field time.

Alternate Names: none

Category: IT

Use Field Name	In	Notes
ENQDURA	Batch reports	You can also use any alternate names for the field in batch reports.
ENQDURA	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	7.6	N	8	B	13.6	Z	4	B	8	B

ERRFLDNM Field

Error field name. Contains the Adabas 2-character name for a field that has been found to be in error in the Adabas format or search buffer.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
ERRFLDNM	Batch reports	You can also use any alternate names for the field in batch reports.
ERRFLDNM	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	A	2	A	2	A	2	A	2	A	2	A

ERRFLDOF Field

Contains the Error field offset in the format or search buffer of the Adabas 2-character name that was found to be in error.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
ERRFLDOF	Batch reports	You can also use any alternate names for the field in batch reports.
ERRFLDOF	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	5	N	2	B	4	Z				

ESTCPU Field

The estimated CPU time, in seconds, used by each Adabas command. The values shown in this field are only relative approximations of the CPU time used; they are not based on any actual CPU times and are calculated, instead, based on an algorithm. The algorithm used varies for each Adabas command type and is based on the number of instructions, I/Os, descriptors, and fields used.

This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: none

Category: IT

Use Field Name	In	Notes
ESTCPU	Batch reports	You can also use any alternate names for the field in batch reports.
ESTCPU	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	6.6	N	8	B	12.6	Z	4	B	8	B

ETID Field

The Adabas ET (end transaction) ID that was established during the OP (open) call to Adabas. The contents of the field is determined by the calling program.

If the first character provided for the ETID is smaller than "A" through "9", Adabas Review will show null value (blanks) in this field. If the first character is in the range "A" through "9", but the following characters are nonprintable characters, Adabas Review will display them in alphanumeric format, which might result in blanks or special characters. To display this field in hexadecimal, an Adabas Review user field can be used.

Alternate Names: none

Category: TP

Use Field Name	In	Notes
ETID	Batch reports	You can also use any alternate names for the field in batch reports.
ETID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

FB Field

The contents of the Adabas format buffer if one exists for the Adabas call.

When used in a summary report, only the first 32 bytes of this field are displayed. When used in a detail report, the whole format buffer is displayed.

The FBSEG_{nn} field may be used to display parts of the format buffer if it is more than 32 bytes long. Only one FBSEG_{nn} field is allowed for each report.

Alternate Names: none

Category: BUF

Use Field Name	In	Notes
FB	Batch reports	You can also use any alternate names for the field in batch reports.
FB	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
32	A	32	A	32	A	32	A	32	A	32	A

FBFIELDS Field

Format buffer fields. Contains the Adabas 2-character name for each field contained in the Adabas format buffer. This field can only be used in Summary reports.

Alternate Names: none

Category: BUF

Use Field Name	In	Notes
FBFIELDS	Batch reports	You can also use any alternate names for the field in batch reports.
FBFIELDS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	A	2	A	2	A	2	A	2	A	2	A

FBL Field

Corresponds to the ACB or ACBX `Format Buffer Length`. The contents of this field is determined by the Adabas command issued.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
FBL	Batch reports	You can also use any alternate names for the field in batch reports.
FBL	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	8	N	8	B	5	Z	2	B	8	B

FBSEGnn Field

Represents a format buffer segment of 64 bytes. The *nn* suffix is the segment number. For example, by specifying the field FBSEG01 you obtain the first 64 bytes of the format buffer. The segment number may be a value between 01 and 32, inclusive.

Alternate Names: none

Category: BUF

Use Field Name	In	Notes
FBSEG _{nn}	Batch reports	You can also use any alternate names for the field in batch reports.
FBSEG _{nn}	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
64	A	64	A	64	A	64	A	64	A	64	A

FILE Field

Corresponds to the ACB field `file number`. The function of this field is determined by the Adabas command being issued.

This field can be used for record filtering.

Alternate Names: FNR

The field name FNR is used in the schema portion of the [summary record](#).

Category: CB

Use Field Name	In	Notes
FILE	Batch reports	You can also use any alternate names for the field in batch reports.
FILE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	5	N	2	B	5	Z	4	B	4	B

FILENAME Field

Contains the 16-character name assigned to the Adabas file, and is obtained from the Adabas file control block (FCB) from the Adabas nucleus region.

If the file name (or the FCB) is not available, the field contains "NO-FCB-AVAILABLE"; this can happen if:

- the file number is zero;
- the file number is invalid;
- the associated command does not require any file access (for example, ET, BT, OP etc);
- the response code of the command is not zero.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
FILENAME	Batch reports	You can also use any alternate names for the field in batch reports.
FILENAME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRTⁿⁿ output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
16	A	16	A	16	A	16	A	16	A	16	A

FILETYPE Field

Contains the 6-character type assigned to the Adabas file. This field contains the string "USER" if the file is a user file or "SYSTEM" if the Adabas Checkpoint file was read or updated.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
FILETYPE	Batch reports	You can also use any alternate names for the field in batch reports.
FILETYPE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
6	A	6	A	6	A	6	A	6	A	6	A

FLSHBLKS Field

The number of blocks flushed during the session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
FLSHBLKS	Batch reports	You can also use any alternate names for the field in batch reports.
FLSHBLKS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z	8	B	8	B

FLSHPH Field

The number of buffer flush phases performed during the session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
FLSHPH	Batch reports	You can also use any alternate names for the field in batch reports.
FLSHPH	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z	8	B	8	B

FLSHIOS Field

The number of flush I/Os performed during the session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
FLSHIOS	Batch reports	You can also use any alternate names for the field in batch reports.
FLSHIOS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z	8	B	8	B

FLSHRTNE Field

The number of return immediately buffer flush requests performed during the session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
FLSHRTNE	Batch reports	You can also use any alternate names for the field in batch reports.
FLSHRTNE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z	8	B	8	B

FLSHRTNI Field

The number of return immediately buffer flush requests performed during the session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
FLSHRTNI	Batch reports	You can also use any alternate names for the field in batch reports.
FLSHRTNI	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z	8	B	8	B

FLSHRTNL Field

The number of return after logical buffer flush requests performed during the session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
FLSHRTNL	Batch reports	You can also use any alternate names for the field in batch reports.
FLSHRTNL	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z	8	B	8	B

FORMATOW Field

The total number of Adabas internal format overwrites that have occurred during the Adabas nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
FORMATOW	Batch reports	You can also use any alternate names for the field in batch reports.
FORMATOW	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	4	B	10	Z	4	B	8	B

FORMATOG Field

The total number of Adabas internal format overwrites that have occurred during the Adabas nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
FORMATOG	Batch reports	You can also use any alternate names for the field in batch reports.
FORMATOG	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z				

FORMATTR Field

The total number of Adabas internal format translations that have occurred during the Adabas nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
FORMATTR	Batch reports	You can also use any alternate names for the field in batch reports.
FORMATTR	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	4	B	8	Z	4	B	8	B

FULLSTCK Field

The 8-byte store clock value taken when the Adabas command was processed.

Alternate Names: none

Category: IT

Use Field Name	In	Notes
FULLSTCK	Batch reports	You can also use any alternate names for the field in batch reports.
FULLSTCK	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	8	B	8	B	16	H	8	B	8	B

GLOBFMID Field

Contains the global internal format buffer ID for the Adabas call within a sequence of Adabas calls. This field is derived from ADDIT5 field.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
GLOBFMID	Batch reports	You can also use any alternate names for the field in batch reports.
GLOBFMID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	8	B	8	A	16	H	8	B	16	B

HLCMDS Field

The number of remote, local, internal and operator commands for the session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
HLCMDS	Batch reports	You can also use any alternate names for the field in batch reports.
HLCMDS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	N	16	N	8	B	20	Z				

HOLDISN Field

The number of ISNs which are in HOLD by this user.

For each command the corresponding Adabas user queue element will be examined and the number of ISNs which are in hold by this user will be returned in this field.

Alternate Names: HQUSRENT

Category: NUC-BUFF

Use Field Name	In	Notes
HOLDISN	Batch reports	You can also use any alternate names for the field in batch reports.
HOLDISN	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	5	N	4	B	4	Z	4	N	8	N

The hour (in 24-hour format) when the Adabas command was processed.

Alternate Names: HR

Category: IT

Use Field Name	In	Notes
HOUR	Batch reports	You can also use any alternate names for the field in batch reports.
HOUR	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
5	A	5	A	5	A	5	A	5	A	5	A

HQALLOC Field

The number of bytes currently used in the hold queue pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
HQALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
HQALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

HQDATE Field

The date (in YYYY-MM-DD format) that the hold queue high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
HQDATE	Batch reports	You can also use any alternate names for the field in batch reports.
HQDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

HQENT Field

The current number of hold queue entries.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
HQENT	Batch reports	You can also use any alternate names for the field in batch reports.
HQENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

HQPCT Field

The maximum percentage of hold queue space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
HQPCT	Batch reports	You can also use any alternate names for the field in batch reports.
HQPCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

HQSIZE Field

The total number of bytes allocated to the hold queue at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
HQSIZE	Batch reports	You can also use any alternate names for the field in batch reports.
HQSIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

HQTIME Field

The time (in HH:MM:SS format) that the hold queue high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
HQTIME	Batch reports	You can also use any alternate names for the field in batch reports.
HQTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

HQUSED Field

The maximum number of bytes of hold queue space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
HQUSED	Batch reports	You can also use any alternate names for the field in batch reports.
HQUSED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

HQUSRENT Field

The number of ISNs which are in HOLD by this user.

For each command the corresponding Adabas user queue element will be examined and the number of ISNs which are in hold by this user will be returned in this field.

Alternate Names: HOLDISN

Category: NUC-BUFF

Use Field Name	In	Notes
HQUSRENT	Batch reports	You can also use any alternate names for the field in batch reports.
HQUSRENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

IB Field

The contents of the Adabas ISN buffer if one exists for the Adabas call.

When used in a summary report, only the first 32 bytes of this field are displayed. When used in a detail report, the whole ISN buffer is displayed.

The IBSEG_{nn} field may be used to display parts of the ISN buffer if it is more than 32 bytes long.

Alternate Names: none

Category: BUF

Use Field Name	In	Notes
IB	Batch reports	You can also use any alternate names for the field in batch reports.
IB	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
32	A	32	A	32	A	32	A	32	A	32	A

IBL Field

Corresponds to the ACB or ACBX ISN `buffer length`. The use of this field is determined by the command being issued.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
IBL	Batch reports	You can also use any alternate names for the field in batch reports.
IBL	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	8	N	8	B	5	Z	2	B	8	B

IBSEGnn Field

Represents an ISN buffer segment of 64 bytes. The *nn* suffix is the segment number. For example, by specifying the field IBSEG01, you obtain the first 64 bytes of the ISN buffer. The segment number may be a value between 01 and 32, inclusive.

Alternate Names: none

Category: BUF

Use Field Name	In	Notes
IBSEG nn	Batch reports	You can also use any alternate names for the field in batch reports.
IBSEG nn	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT nn output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT xx		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
64	A	64	A	64	A	64	A	64	A	64	A

INTCMDS Field

The number of internal commands for the session.

Alternate Names: none

Category:NUC

Use Field Name	In	Notes
INTCMDS	Batch reports	You can also use any alternate names for the field in batch reports.
INTCMDS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT nn output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z				

IOS Field

The total number of I/Os for the command processed; it is the sum of ASSOIO, DATAIO and WORKIO.

This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: IO

The field name IO is used in the schema portion of the [summary record](#).

Category: I/O

Use Field Name	In	Notes
IO	Batch reports	You can also use any alternate names for the field in batch reports.
IOS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	12	N	8	B	13	Z	4	B	8	B

IOCOMP Field

Identifies the Adabas component against which the I/O was issued. For example, if the I/O is issued against Data Storage extent 1, the field contains DS1. If the I/O is issued against address converter extent 3, the field contains AC3.

These fields are only valid if the **IOLIST** field fits to the file number. Refer to the description of the ADARUN parameter LOGIO in the *Adabas Operations* documentation for more information.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
IOCOMP	Batch reports	You can also use any alternate names for the field in batch reports.
IOCOMP	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
3	A	3	A	3	A	3	A	3	A	3	A



Note: This field is derived from the **IOLIST** field. Please see the description of the ADARUN parameter LOGIO for more information.

IOFUNC Field

The type of I/O operation performed against an Adabas component. The values for this field are “READ” or “WRITE”.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
IOFUNC	Batch reports	You can also use any alternate names for the field in batch reports.
IOFUNC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
5	A	5	A	5	A	5	A	5	A	5	A



Note: This field is derived from the **IOLIST** field. Please see the description of the ADARUN parameter LOGIO for more information.

IOLIST Field

The hexadecimal I/O list for a command obtained from the Adabas command log record. Four bytes are allocated for each I/O list entry.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
IOLIST	Batch reports	You can also use any alternate names for the field in batch reports.
IOLIST	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A



Note: This field is derived from the **IOLIST** field. Please see the description of the ADARUN parameter LOGIO for more information.

IOPHYS Field

A translation of the I/O list entry from the Adabas command log record. The format for this field is *comp-x nnnnnn*, where:

- *comp* is the Adabas component (ASSO, DATA, or WORK);
- *x* is the type of I/O, ("R" for read or "W" for write);
- *nnnnnn* is the RABN (relative Adabas block number).

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
IOPHYS	Batch reports	You can also use any alternate names for the field in batch reports.
IOPHYS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
16	A	16	A	16	A	16	A	16	A	16	A



Note: This field is derived from the **IOLIST** field. Please see the description of the ADARUN parameter LOGIO for more information.

IORABN Field

The relative Adabas block number against which the I/O was performed.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
IORABN	Batch reports	You can also use any alternate names for the field in batch reports.
IORABN	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A



Note: This field is derived from the [IOLIST](#) field. Please see the description of the ADARUN parameter LOGIO for more information.

IOTOCMD Field

The ratio of the total number of I/O operations performed to the total number of commands processed.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
IOTOCMD	Batch reports	You can also use any alternate names for the field in batch reports.
IOTOCMD	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	6.2	N	8	B	8.2	Z	8	B	8	B

IOTYPE Field

Identifies the component against which the I/O operation was performed. Values for this field may be ASSO (Associator), DATA (Data Storage), or WORK (Work data set).

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
IOTYPE	Batch reports	You can also use any alternate names for the field in batch reports.
IOTYPE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	A	4	A	4	A	4	A	4	A	4	A



Note: This field is derived from the **IOLIST** field. Please see the description of the ADARUN parameter LOGIO for more information.

IOVOLSER Field

Contains the volume serial number against which the I/O operation was performed. This field may be used to show Adabas I/O distribution. For WORK I/Os (see the IOTYPE field) the IOVOLSER field will contain the text "UNKNWN". If the data is obtained from blocks that are stored in the Adabas buffer pool and therefore no physical I/Os are made, this field will be empty.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
IOVOLSER	Batch reports	You can also use any alternate names for the field in batch reports.
IOVOLSER	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
6	A	6	A	6	A	6	A	6	A	6	A



Note: This field is derived from the **IOLIST** field. Please see the description of the ADARUN parameter LOGIO for more information.

ISN Field

Corresponds to the ACB field `ISN`. The use of this field is determined by the command being issued.

This field can be used for record filtering.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
ISN	Batch reports	You can also use any alternate names for the field in batch reports.
ISN	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	12	N	8	B	10	Z	4	B	8	B

ISNLL Field

Corresponds to the ACB field `ISN lower limit`. The field contains the lowest ISN that Adabas returns when retrieving ISN lists. The use of this field is determined by the command being issued.



Note: This field could be misinterpreted when used at the OP command, since the value of ISNLL as well as ISNQ are used for purposes other than the ISN lower limit or ISN quantity. Please refer to the Adabas Command Reference manual for further information.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
ISNLL	Batch reports	You can also use any alternate names for the field in batch reports.
ISNLL	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	4	B	10	Z	4	B	8	B

ISNQ Field

Corresponds to a modification of the ACB field ISN quantity. The field is modified based on command type, and is suitable for performing mathematical calculations such as SUM and AVERAGE.

This field can be used for record filtering.



Note: This field could be misinterpreted when used with the OP command, since the value of ISNQ as well as ISNLL are used for purposes other than the ISN lower limit or ISN quantity. Please refer to the Adabas Command Reference manual for further information.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
ISNQ	Batch reports	You can also use any alternate names for the field in batch reports.
ISNQ	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	12	N	8	B	12	Z	4	B	8	B

JMREDATE Field

The date (in YYYY-MM-DD format) when the batch job was entered in JES or from the job information macro.

Alternate Names: none

Category: OS

Use Field Name	In	Notes
JMREDATE	Batch reports	You can also use any alternate names for the field in batch reports.
JMREDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

JOBCLASS Field

(z/OS only) The one-byte character of the CLASS parameter in the job card.

Alternate Names: none

Category: OS

Use Field Name	In	Notes
JOBCLASS	Batch reports	You can also use any alternate names for the field in batch reports.
JOBCLASS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
1	A	1	A	1	A	1	A	1	A	1	A

JOBID Field

A combination of the job identifier and the job number of the user who issued the Adabas call. The field will contain JOB, STC, or TSU as the job identifier followed by a 5-byte JES job number.

Alternate Names: none

Category: OS

Use Field Name	In	Notes
JOBID	Batch reports	You can also use any alternate names for the field in batch reports.
JOBID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

JOBNAME Field

The name of the job or task from which the Adabas call was issued. This field is the contents of the JOBNAME from the Adabas command log record and may not reflect the actual JOBNAME of the task that issued the Adabas call.

This field can be used for record filtering.

Alternate Names: JOB

Category: OS

Use Field Name	In	Notes
JOBNAME	Batch reports	You can also use any alternate names for the field in batch reports.
JOBNAME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

JOBNUM Field

The job number of the user who issued the Adabas call. The field will contain an alphanumeric, 5-byte value for the JES job number.

Alternate Names: none

Category: OS

Use Field Name	In	Notes
JOBNUM	Batch reports	You can also use any alternate names for the field in batch reports.
JOBNUM	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
5	A	5	A	5	A	5	A	5	A	5	A

L3DE Field

The descriptor obtained from the Additions 1 field of an ACB or ACBX L3 or L6 command call.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
L3DE	Batch reports	You can also use any alternate names for the field in batch reports.
L3DE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	A	2	A	2	A	2	A	2	A	2	A

LANGID Field

The language ID of the program that issued the Adabas call. This information is taken from the second byte of the Adabas control block (ACB) or extended Adabas control block (ACBX) used to make the Adabas call.

A value of "N" indicates a Natural call; a value of "S" indicates an SQL call. Any other values are obtained from user-defined ACBs or ACBXs.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
LANGID	Batch reports	You can also use any alternate names for the field in batch reports.
LANGID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
1	A	1	A	1	A	1	A	1	A	1	A

LFPALLOC Field

The number of bytes currently used in the format pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
LFPALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
LFPALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

LFPDATE Field

The date (in YYYY-MM-DD format) when the internal format (FI) pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
LFPDATE	Batch reports	You can also use any alternate names for the field in batch reports.
LFPDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

LFPENT Field

The current number of entries in the format pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
LFPENT	Batch reports	You can also use any alternate names for the field in batch reports.
LFPENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

LFPMAX Field

The maximum number of bytes of format pool space used during the Adabas nucleus session.

Alternate Names: LFPUSED

Category: NUC-BUFF

Use Field Name	In	Notes
LFPMAX	Batch reports	You can also use any alternate names for the field in batch reports.
LFPMAX	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

LFPPCT Field

The maximum percentage of format pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
LFPPCT	Batch reports	You can also use any alternate names for the field in batch reports.
LFPPCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

LFPSIZE Field

The total number of bytes allocated to the format pool at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
LFPSIZE	Batch reports	You can also use any alternate names for the field in batch reports.
LFPSIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

LFPTIME Field

The time (in HH:MM:SS format) when the internal format (FI) pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
LFPTIME	Batch reports	You can also use any alternate names for the field in batch reports.
LFPTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

LFPUSED Field

The maximum number of bytes of format pool space used during the Adabas nucleus session.

Alternate Names: LWPMAX

Category: NUC-BUFF

Use Field Name	In	Notes
LFPUSED	Batch reports	You can also use any alternate names for the field in batch reports.
LFPUSED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

LGREADS Field

The number of logical reads by an Adabas nucleus.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
LGREADS	Batch reports	You can also use any alternate names for the field in batch reports.
LGREADS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z				

LOCLCMDS Field

The number of commands for the session from the same (local) environment.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
LOCLCMDS	Batch reports	You can also use any alternate names for the field in batch reports.
LOCLCMDS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z				

LPARNAME Field

The system LPAR or partition name.

Alternate Names: none

Category: OS

Use Field Name	In	Notes
LPARNAME	Batch reports	You can also use any alternate names for the field in batch reports.
LPARNAME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

LUNAME Field

Contains the last 8 bytes of the 28-byte Adabas communication ID (CQEUID) for the user who issued the Adabas call.



Note: This field may contain different data when an X'48' call is issued. To avoid such a call in Natural, set Natural parameter ADAMODE=0 (the default value is 2).

Alternate Names: none

Category: OS

Use Field Name	In	Notes
LUNAME	Batch reports	You can also use any alternate names for the field in batch reports.
LUNAME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

LWPALLOC Field

The number of bytes of the work pool currently in use.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
LWPALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
LWPALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

LWPDATE Field

The date (in YYYY-MM-DD format) when the work pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
LWPDATE	Batch reports	You can also use any alternate names for the field in batch reports.
LWPDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

LWPENT Field

The current number of work pool entries.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
LWPENT	Batch reports	You can also use any alternate names for the field in batch reports.
LWPENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

LWPMAX Field

The maximum number of bytes of work pool space used during the Adabas nucleus session.

Alternate Names: LWPUSED

Category: NUC-BUFF

Use Field Name	In	Notes
LWPMAX	Batch reports	You can also use any alternate names for the field in batch reports.
LWPMAX	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

LWPMXENT Field

The maximum number of work pool entries used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
LWPMXENT	Batch reports	You can also use any alternate names for the field in batch reports.
LWPMXENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

LWPPCT Field

The maximum percentage of work pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
LWPPCT	Batch reports	You can also use any alternate names for the field in batch reports.
LWPPCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

LWPSIZE Field

The number of bytes that were allocated to the work pool at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
LWPSIZE	Batch reports	You can also use any alternate names for the field in batch reports.
LWPSIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

LWPTIME Field

The time (in HH:MM:SS format) that the work pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
LWPTIME	Batch reports	You can also use any alternate names for the field in batch reports.
LWPTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

LWPUSED Field

The maximum number of bytes of work pool space used during the Adabas nucleus session.

Alternate Names: LWPMAX

Category: NUC-BUFF

Use Field Name	In	Notes
LWPUSED	Batch reports	You can also use any alternate names for the field in batch reports.
LWPUSED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

MB Field

The maximum number of bytes of work pool space used during the Adabas nucleus session.

Alternate Names: none

Category:BUF

Use Field Name	In	Notes
MB	Batch reports	You can also use any alternate names for the field in batch reports.
MB	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
32	A	32	A	32	A	32	A	32	A	32	A

MBL Field

Corresponds to the ACBX multifetch buffer length field. Filled only for commands for which the multifetch option has been activated.

Alternate Names: none

Category:CB

Use Field Name	In	Notes
MBL	Batch reports	You can also use any alternate names for the field in batch reports.
MBL	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
64	A	64	A	64	A	64	A	64	A	64	A

MBSEGnn Field

Represents a multifetch buffer segment of 64 bytes.

Alternate Names: none

Category:BUF

Use Field Name	In	Notes
MBSEG _{nn}	Batch reports	You can also use any alternate names for the field in batch reports.
MBSEG _{nn}	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
64	A	64	A	64	A	64	A	64	A	64	A

MOCAJOB Field

The name of the job that initiated the maximum number of calls during the nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
MOCAJOB	Batch reports	You can also use any alternate names for the field in batch reports.
MOCAJOB	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

MOCASECU Field

The user ID who initiated the maximum number of calls during the nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
MOCASECU	Batch reports	You can also use any alternate names for the field in batch reports.
MOCASECU	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

MOCAUSER Field

The user ID who initiated the maximum number of calls during the nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
MOCAUSER	Batch reports	You can also use any alternate names for the field in batch reports.
MOCAUSER	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

MOIOJOB Field

The name of the job that initiated the maximum number of I/Os during the nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
MOIOJOB	Batch reports	You can also use any alternate names for the field in batch reports.
MOIOJOB	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

MOIOSECU Field

The security system ID of the user who initiated the maximum number of I/Os during the nucleus session..

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
MOIOSECU	Batch reports	You can also use any alternate names for the field in batch reports.
MOIOSECU	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

MOIOUSER Field

The user ID who initiated the maximum number of I/Os during the nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
MOIOUSER	Batch reports	You can also use any alternate names for the field in batch reports.
MOIOUSER	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

MONAME Field

The name of the month when the Adabas command was processed.

Alternate Names: none

Category: IT

Use Field Name	In	Notes
MONAME	Batch reports	You can also use any alternate names for the field in batch reports.
MONAME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
3	A	3	A	3	A	3	A	3	A	3	A

MONTH Field

The number of the month when the Adabas command was processed.

Alternate Names: MO , MON

Category: IT

Use Field Name	In	Notes
MONTH	Batch reports	You can also use any alternate names for the field in batch reports.
MONTH	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
1	B	2	N	1	B	2	Z	1	B	8	B

MOSTCALL Field

The number of the month when the Adabas command was processed.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
MOSTCALL	Batch reports	You can also use any alternate names for the field in batch reports.
MOSTCALL	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	9	Z	4	B	8	B

MOSTTHTI Field

The highest thread time used by a user during the nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
MOSTTHTI	Batch reports	You can also use any alternate names for the field in batch reports.
MOSTTHTI	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	9	Z	4	B	8	B

MOSTIOS Field

The maximum number of I/Os performed by a user during the nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
MOSTIOS	Batch reports	You can also use any alternate names for the field in batch reports.
MOSTIOS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	9	Z	4	B	8	B

MOTTJOB Field

The name of the job that initiated the highest thread time usage during the nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
MOTTJOB	Batch reports	You can also use any alternate names for the field in batch reports.
MOTTJOB	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

MOTTSECU Field

The security system ID of the user who initiated the highest thread time usage during the nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
MOTTSECU	Batch reports	You can also use any alternate names for the field in batch reports.
MOTTSECU	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

MOTTUSER Field

The user ID who initiated the highest thread time usage during the nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
MOTTUSER	Batch reports	You can also use any alternate names for the field in batch reports.
MOTTUSER	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

MULTICNT Field

The number of multifetch records returned.

For all read calls (L_x commands), multifetch returns a group of records in the record buffer and a description of these records in either the caller's ISN buffer (for ACB interface direct calls) or the caller's multifetch buffer (for ACBX interface direct calls). Multifetch records are only returned if the ACB or ACBX call contain an <literalvalue>M</literalvalue> in Command Option 1.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
MULTICNT	Batch reports	You can also use any alternate names for the field in batch reports.
MULTICNT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	8	N	8	N

NATAPPL Field

The Natural application name (or library) to which the user issued a LOGON. This field does not necessarily show the library of the Natural object from which the Adabas call is issued. Under SQL, this field contains the library name.

This field can be used for record filtering.

Alternate Names: LOG , LOGON

The field name LOG is used in the schema portion of the [summary record](#).

Category: NAT

Use Field Name	In	Notes
NATAPPL	Batch reports	You can also use any alternate names for the field in batch reports.
NATAPPL	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

NATCLTID Field

NATCLTID displays the client user ID of a user using a Natural server. NATCLTID only contains a value if an RPC client request is executed in a Natural RPC server session. In all other cases the field is empty.

Alternate Names: none

Category: NAT

Use Field Name	In	Notes
NATCLTID	Batch reports	You can also use any alternate names for the field in batch reports.
NATCLTID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

NATCOUNT Field

The total number of Adabas calls generated by the user application since the last terminal I/O.

This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: none

Category: NAT

Use Field Name	In	Notes
NATCOUNT	Batch reports	You can also use any alternate names for the field in batch reports.
NATCOUNT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{XX}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	12	N	8	B	8	Z	2	B	8	B

NATEXEC Field

The number of times a Natural object that issues Adabas calls has been executed. NATEXEC is "1" if the Natural object has issued an Adabas call for the first time on this level; for each subsequent Adabas call on this level the value will be set to zero. You can use the SUM statement to total the values of this field to obtain the total number of times a specific Natural object has been called.

This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: none

Category: NAT

Use Field Name	In	Notes
NATEXEC	Batch reports	You can also use any alternate names for the field in batch reports.
NATEXEC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{XX}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	12	N	8	B	11	Z	2	B	8	B

NATGRP Field

The current Natural security group to which the user belongs.

Alternate Names: none

Category: NAT

Use Field Name	In	Notes
NATGRP	Batch reports	You can also use any alternate names for the field in batch reports.
NATGRP	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

NATLEVEL Field

The Natural call level of the Natural program issuing the Adabas call. For example, a CALLNAT routine that is called from a program and issues an Adabas call has a Natural level of 2.

Alternate Names: LEVEL

Category: NAT

Use Field Name	In	Notes
NATLEVEL	Batch reports	You can also use any alternate names for the field in batch reports.
NATLEVEL	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	4	N	2	B	5	Z	2	B	8	B

NATLIB Field

The name of the Natural library where the object is located that is currently executed.

Alternate Names: LIB

Category: NAT

Use Field Name	In	Notes
NATLIB	Batch reports	You can also use any alternate names for the field in batch reports.
NATLIB	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

NATPROG Field

The name of the Natural program that issued the Adabas call. When Natural internally issues Adabas calls to load Natural objects, this value is not updated. Under SQL, this field contains the program name.

This field can be used for record filtering.

Alternate Names: PRO , PROGRAM

The field name PRO is used in the schema portion of the [summary record](#).

Category: NAT

Use Field Name	In	Notes
NATPROG	Batch reports	You can also use any alternate names for the field in batch reports.
NATPROG	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

NATRPCCO Field

The 16-byte alphanumeric value of the conversation ID from the Natural RPC Server that is assigned to each conversation by webMethods EntireX Broker.

Alternate Names: none

Category: NAT

Use Field Name	In	Notes
NATRPCCO	Batch reports	You can also use any alternate names for the field in batch reports.
NATRPCCO	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
16	B	16	A	16	B	16	A	16	A	16	A

NATRPCID Field

The 16-byte alphanumeric value for the store clock value used as identification of the Natural RPC Server.

Alternate Names: none

Category: NAT

Use Field Name	In	Notes
NATRPCID	Batch reports	You can also use any alternate names for the field in batch reports.
NATRPCID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	16	A	8	A	16	H	16	A	16	A

NATSTMT Field

The Natural statement number where the Adabas command is processed. This line number is the line in the Natural program displayed by NATPROG. When the processed Adabas command is in the copy code portion of the Natural program, the line number refers to the copy code. The name of the copy code is not available at this time.

This field can be used for record filtering.

Alternate Names: none

Category: NAT

Use Field Name	In	Notes
NATSTMT	Batch reports	You can also use any alternate names for the field in batch reports.
NATSTMT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	A	4	A	4	A	4	A	4	A	4	A

NATUID Field

The name of the Natural library to which the user is currently logged on. This is the value of the Natural system variable *APPLIC-ID.

This field can be used for record filtering.

Alternate Names: none

Category: NAT

Use Field Name	In	Notes
NATUID	Batch reports	You can also use any alternate names for the field in batch reports.
NATUID	Online (SYSREVDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

NUCID Field

The ID of an Adabas nucleus in an Adabas Parallel Services or Adabas Cluster Services environment.

This field can be used for record filtering.

Alternate Names: SMP

The field name SMP is used in the schema portion of the **summary record**.

Category: NUC

Use Field Name	In	Notes
NUCID	Batch reports	You can also use any alternate names for the field in batch reports.
NUCID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	5	N	2	B	5	Z	2	B	8	B

NUCCPU Field

The estimated CPU time, in seconds, used by an Adabas nucleus. In mode DISPLAY=EDITOR the output format is DDDDD:HH:II:SS. In mode DISPLAY=BASIC the output is in seconds.

This field can be used for record filtering.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
NUCCPU	Batch reports	You can also use any alternate names for the field in batch reports.
NUCCPU	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
B	4	10	N	8	B	13	Z				

NUCDURA Field

The time spent since Adabas was started. In mode DISPLAY=EDITOR the output format is DDDDD:HH:II:SS. In mode DISPLAY=BASIC the output is in seconds.

This field can be used for record filtering.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
NUCDURA	Batch reports	You can also use any alternate names for the field in batch reports.
NUCDURA	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
B	4	10	N	4	B	13	Z				

NUCWAIT Field

The time in seconds that Adabas was waiting. In mode DISPLAY=EDITOR the output format is DDDDD:HH:II:SS. In mode DISPLAY=BASIC the output is in seconds.

This field can be used for record filtering.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
NUCWAIT	Batch reports	You can also use any alternate names for the field in batch reports.
NUCWAIT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
B	4	10	N	4	B	13	Z				

NUCSDATE Field

The date (in A10 format) when the Adabas nucleus was started.

This field can be used for record filtering.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
NUCSDATE	Batch reports	You can also use any alternate names for the field in batch reports.
NUCSDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

NUCSTIME Field

The time (in 24-hour) format since the Adabas nucleus was started.

This field can be used for record filtering.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
NUCSTIME	Batch reports	You can also use any alternate names for the field in batch reports.
NUCSTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

OP1 Field

Corresponds to the ACB field `command option 1`. The contents of this field is determined by the command being issued.

Alternate Names: COP1

Category: CB

Use Field Name	In	Notes
OP1	Batch reports	You can also use any alternate names for the field in batch reports.
OP1	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
1	A	1	B	1	A	1	A	1	A	1	A

OP2 Field

Corresponds to the ACB field command option 2. The contents of this field is determined by the command being issued.

Alternate Names: COP2

Category: CB

Use Field Name	In	Notes
OP2	Batch reports	You can also use any alternate names for the field in batch reports.
OP2	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
1	A	1	B	1	A	1	A	1	A	1	A

OP3 Field

Corresponds to the ACB field `command option 3`. The contents of this field is determined by the command being issued.

Alternate Names: COP3

Category: CB

Use Field Name	In	Notes
OP3	Batch reports	You can also use any alternate names for the field in batch reports.
OP3	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
1	A	1	B	1	A	1	A	1	A	1	A

OPERCMD5 Field

The number of operator commands for the session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
OPERCMD5	Batch reports	You can also use any alternate names for the field in batch reports.
OPERCMD5	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z				

OPSYSID Field

The operating system ID. The address of the ASCB (address space control block) for the job or task that issued the Adabas call.



Note: This field may contain different data when an X'48' call is issued. To avoid such a call in Natural, set Natural parameter ADAMODE=0 (the default value is 2).

Alternate Names: none

Category: OS

Use Field Name	In	Notes
OPSYSID	Batch reports	You can also use any alternate names for the field in batch reports.
OPSYSID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	A	4	B	4	B	8	H	4	A	4	A

OPSYSNAM Field

The operating system name (SYSNAME) that is specified in the SYS1.PARMLIB and which will be obtained from the CVT (in z/OS environments) or the operating system name and version number (in BS2000 environments).

Alternate Names: none

Category: OS

Use Field Name	In	Notes
OPSYSNAM	Batch reports	You can also use any alternate names for the field in batch reports.
OPSYSNAM	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	Z	8	A	8	A

ORGCID Field

The Adabas command ID taken from either the ACBCID or ACBXCID fields during REVEXIT1 processing. Some Software AG products modify the contents of the Adabas command ID field during Adabas call processing. This field allows Adabas Review to report on both the original CID (ORGCID field) and the command ID that arrives at the Adabas nucleus (CID field). If the ORGCID and CID fields contain the same value, then the original Adabas command ID was not modified by Software AG products during Adabas call processing.

Alternate Names: ORG-CID

Category: CB

Use Field Name	In	Notes
ORG-CID	Batch reports	You can also use any alternate names for the field in batch reports.
ORGCID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	A	4	A	4	A	8	H	4	A	8	A

ORGDURA Field

The (original) value of the "duration" field contained in the command log record. The time is expressed in units of 16 microseconds.

This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: none

Category: IT

Use Field Name	In	Notes
ORGDURA	Batch reports	You can also use any alternate names for the field in batch reports.
ORGDURA	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	13	Z	4	B	8	B

PB Field

The contents of the Adabas performance buffer if one exists for the Adabas call.

Alternate Names: none

Category:BUF

Use Field Name	In	Notes
PB	Batch reports	You can also use any alternate names for the field in batch reports.
PB	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
32	A	32	A	32	A	32	A	32	A	32	A

PBL Field

Corresponds to the ACB or ACBX performance buffer length. The performance buffer is used primarily with Adabas Review.

Alternate Names: none

Category:CB

Use Field Name	In	Notes
PBL	Batch reports	You can also use any alternate names for the field in batch reports.
PBL	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	8	N	8	B	5	Z	2	B	8	B

PBSEGnn Field

Represents a performance buffer segment of 64 bytes.

Alternate Names: none

Category:BUF

Use Field Name	In	Notes
PBSEG _{nn}	Batch reports	You can also use any alternate names for the field in batch reports.
PBSEG _{nn}	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
64	A	64	A	64	A	64	A	64	A	64	A

PIALLOC Field

PLOG I/O buffers. The current number of bytes used in the unique descriptor pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
PIALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
PIALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

PIDATE Field

PLOG I/O buffers. The date (in YYYY-MM-DD format) when the unique descriptor pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
PIDATE	Batch reports	You can also use any alternate names for the field in batch reports.
PIDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

PIENT Field

PLOG I/O buffers. The current number of entries located in the unique descriptor pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
PIENT	Batch reports	You can also use any alternate names for the field in batch reports.
PIENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

PIPCT Field

PLOG I/O buffers. The maximum percentage of unique descriptor pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
PIPCT	Batch reports	You can also use any alternate names for the field in batch reports.
PIPCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

PISIZE Field

PLOG I/O buffers. The total number of bytes allocated to the unique descriptor pool at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
PISIZE	Batch reports	You can also use any alternate names for the field in batch reports.
PISIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

PITIME Field

PLOG I/O buffers. The time (in HH:MM:SS format) when the unique descriptor pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
PITIME	Batch reports	You can also use any alternate names for the field in batch reports.
PITIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

PIUSED Field

PLOG I/O buffers. The maximum number of bytes of unique descriptor pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
PIUSED	Batch reports	You can also use any alternate names for the field in batch reports.
PIUSED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

PLOGBLKS Field

PLOG protection blocks.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
PLOGBLKS	Batch reports	You can also use any alternate names for the field in batch reports.
PLOGBLKS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z				

PLOGDIFF Field

PLOG different blocks.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
PLOGDIFF	Batch reports	You can also use any alternate names for the field in batch reports.
PLOGDIFF	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z				

PLOGIOS Field

PLOG protection I/Os.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
PLOGIOS	Batch reports	You can also use any alternate names for the field in batch reports.
PLOGIOS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z				

PLREADS Field

Protection Log read I/Os

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
PLREADS	Batch reports	You can also use any alternate names for the field in batch reports.
PLREADS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z				

PLWRITES Field

Protection Log write I/Os.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
PLWRITES	Batch reports	You can also use any alternate names for the field in batch reports.
PLWRITES	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z				

PRI Field

The operating system priority for the user issuing the Adabas call.

Alternate Names: PRIORITY

Category: NUC

Use Field Name	In	Notes
PRIORITY	Batch reports	You can also use any alternate names for the field in batch reports.
PRI	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
1	B	3	N	1	B	3	Z	1	B	8	B

QUARTER Field

The quarter of the year in which the Adabas command was processed.

Alternate Names: QTR , QUAR

Category: IT

Use Field Name	In	Notes
QUARTER	Batch reports	You can also use any alternate names for the field in batch reports.
QUARTER	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
1	B	2	N	1	B	2	Z	1	B	8	B

RB Field

The contents of the Adabas record buffer if one exists for the Adabas call.

When used in a summary report, only the first 32 bytes of this field are displayed. When used in a detail report, the whole record buffer is displayed.

The RBSEG_{nn} field may be used to display parts of the record buffer if it is more than 32 bytes long.

Alternate Names: none

Category: BUF

Use Field Name	In	Notes
RB	Batch reports	You can also use any alternate names for the field in batch reports.
RB	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
32	A	32	A	32	A	32	A	32	A	32	A

RBL Field

Corresponds to the ACB or ACBX record buffer length. The record buffer is used primarily with read, search, and update commands.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
RBL	Batch reports	You can also use any alternate names for the field in batch reports.
RBL	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	8	N	8	B	5	Z	2	B	8	B

RBSEGnn Field

Represents a record buffer segment of 64 bytes. The *nn* suffix is the segment number. For example, by specifying the field RBSEG01, you obtain the first 64 bytes of the record buffer. The segment number may be a number between 01 and 32, inclusive.

Alternate Names: none

Category: BUF

Use Field Name	In	Notes
RBSEG _{nn}	Batch reports	You can also use any alternate names for the field in batch reports.
RBSEG _{nn}	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
64	A	64	A	64	A	64	A	64	A	64	A

RDALLOC Field

Cluster redo pool. The current number of bytes used in the unique descriptor pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
RDALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
RDALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{XX}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

RDDATE Field

Cluster redo pool. The date (in YYYY-MM-DD format) when the unique descriptor pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
RDDATE	Batch reports	You can also use any alternate names for the field in batch reports.
RDDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{XX}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

RDENT Field

Cluster redo pool. The current number of entries located in the unique descriptor pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
RDENT	Batch reports	You can also use any alternate names for the field in batch reports.
RDENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

RDPCT Field

Cluster redo pool. The maximum percentage of unique descriptor pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
RDPCT	Batch reports	You can also use any alternate names for the field in batch reports.
RDPCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

RDSIZE Field

Cluster redo pool. The total number of bytes allocated to the unique descriptor pool at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
RDSIZE	Batch reports	You can also use any alternate names for the field in batch reports.
RDSIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

RDTIME Field

Cluster redo pool. The time (in HH:MM:SS format) when the unique descriptor pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
RDTIME	Batch reports	You can also use any alternate names for the field in batch reports.
RDTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

RDUSED Field

Cluster redo pool. The maximum number of bytes of unique descriptor pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
RDUSED	Batch reports	You can also use any alternate names for the field in batch reports.
RDUSED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

RDBLKUSR Field

Contains user specific data, which may be passed from REVUEX1 to Adabas Review.

Alternate Names: none

Category: TP

Use Field Name	In	Notes
RDBLKUSR	Batch reports	You can also use any alternate names for the field in batch reports.
RDBLKUSR	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
A	100	A	100	A	100	A	100	A	100	A	100
		A	64 (DISPLAY=BASIC)								

REMCMDS Field

The number of commands for a session from a remote environment across a network.

Alternate Names: none

Category: TP

Use Field Name	In	Notes
REMCMDS	Batch reports	You can also use any alternate names for the field in batch reports.
REMCMDS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z				

REPINCTR Field

The number of incomplete replicated transactions during the session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
REPINCTR	Batch reports	You can also use any alternate names for the field in batch reports.
REPINCTR	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

REPPNDTR Field

The number of pending replicated transactions during the session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
REPPNDTR	Batch reports	You can also use any alternate names for the field in batch reports.
REPPNDTR	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

REPTOTTR Field

The total number of replicated transactions performed during the session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
REPTOTTR	Batch reports	You can also use any alternate names for the field in batch reports.
REPTOTTR	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z	8	B	8	B

ROUTDURA Field

The amount of time between the time a command was issued by the application and the time it was queued in the Adabas command queue. For Adabas 8.1 and earlier, this field is expressed in seconds; for Adabas 8.2 and later releases, this field is expressed in milliseconds.

This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: ROUTTIME

Category: IT

Use Field Name	In	Notes
ROUTDURA	Batch reports	You can also use any alternate names for the field in batch reports.
ROUTDURA or ROUTTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	6.6	N	8	B	9.6	Z	4	B	8	B

RPALLOC Field

Replication pool. The current number of bytes used in the unique descriptor pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
RPALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
RPALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

RPDATE Field

Replication pool. The date (in YYYY-MM-DD format) when the unique descriptor pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
RPDATE	Batch reports	You can also use any alternate names for the field in batch reports.
RPDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

RPENT Field

Replication pool. The current number of entries located in the unique descriptor pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
RPENT	Batch reports	You can also use any alternate names for the field in batch reports.
RPENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

RPPCT Field

Replication pool. The maximum percentage of unique descriptor pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
RPPCT	Batch reports	You can also use any alternate names for the field in batch reports.
RPPCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

RPSIZE Field

Replication pool. The total number of bytes allocated to the unique descriptor pool at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
RPSIZE	Batch reports	You can also use any alternate names for the field in batch reports.
RPSIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

RPTIME Field

Replication pool. The time (in HH:MM:SS format) when the unique descriptor pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
RPTIME	Batch reports	You can also use any alternate names for the field in batch reports.
RPTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

RPUSED Field

Replication pool. The maximum number of bytes of unique descriptor pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
RPUSED	Batch reports	You can also use any alternate names for the field in batch reports.
RPUSED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

RSP Field

Corresponds to the ACB field `response code`. A response code of 0 indicates that the command executed successfully. The field name RSP is used in the schema portion of the **summary record**.

This field can be used for record filtering.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
RSP	Batch reports	You can also use any alternate names for the field in batch reports.
RSP	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	3	N	2	B	3	Z	2	B	8	B

RSPSUB Field

Contains the Adabas response code subcode from the ACB field Additions 2 or the ACBX field ACBXERRC for certain nonzero Adabas response codes.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
RSPSUB	Batch reports	You can also use any alternate names for the field in batch reports.
RSPSUB	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	3	N	4	B	8	Z	2	B	8	B

SB Field

The contents of the Adabas search buffer if one exists for the Adabas call.

When used in a summary report, only the first 32 bytes of this field are displayed. When used in a detail report, the whole search buffer is displayed.

The SBSEG_{nn} field may be used to display parts of the search buffer if it is more than 32 bytes long.

Alternate Names: none

Category: BUF

Use Field Name	In	Notes
SB	Batch reports	You can also use any alternate names for the field in batch reports.
SB	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
32	A	32	A	32	A	32	A	32	A	32	A

SBFIELDS Field

Search buffer fields. Contains the Adabas 2-character field name for each field contained in the Adabas search buffer. This field can only be used in Summary reports.

Alternate Names: none

Category: BUF

Use Field Name	In	Notes
SBFIELDS	Batch reports	You can also use any alternate names for the field in batch reports.
SBFIELDS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	A	2	A	2	A	2	A	2	A	2	A

SBL Field

Corresponds to the ACB or ACBX search buffer length.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
SBL	Batch reports	You can also use any alternate names for the field in batch reports.
SBL	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	8	N	8	B	5	Z	2	B	8	B

SBSEGnn Field

Represents a search buffer segment of 64 bytes. The *nn* suffix is the segment number. For example, by specifying the field SBSEG01, you obtain the first 64 bytes of the search buffer. The segment number may be a number between 01 and 32, inclusive.

Alternate Names: none

Category: BUF

Use Field Name	In	Notes
SBSEG _{nn}	Batch reports	You can also use any alternate names for the field in batch reports.
SBSEG _{nn}	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
64	A	64	A	64	A	64	A	64	A	64	A

SCALOC Field

Security pool. The current number of bytes used in the unique descriptor pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
SCALOC	Batch reports	You can also use any alternate names for the field in batch reports.
SCALOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

SCDATE Field

Security pool. The date (in YYYY-MM-DD format) when the unique descriptor pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
SCDATE	Batch reports	You can also use any alternate names for the field in batch reports.
SCDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

SCENT Field

Security pool. The current number of entries located in the unique descriptor pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
SCENT	Batch reports	You can also use any alternate names for the field in batch reports.
SCENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

SCPCT Field

Security pool. The maximum percentage of unique descriptor pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
SCPCT	Batch reports	You can also use any alternate names for the field in batch reports.
SCPCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

SCSIZE Field

Security pool. The total number of bytes allocated to the unique descriptor pool at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
SCSIZE	Batch reports	You can also use any alternate names for the field in batch reports.
SCSIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

SCTIME Field

Security pool. The time (in HH:MM:SS format) when the unique descriptor pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
SCTIME	Batch reports	You can also use any alternate names for the field in batch reports.
SCTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

SCUSED Field

Security pool. The maximum number of bytes of unique descriptor pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
SCUSED	Batch reports	You can also use any alternate names for the field in batch reports.
SCUSED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

SECGID Field

Contains the security system group ID for the user who issued the Adabas call. This field is available under z/OS when the user is running with an external security system (RACF, ACF2, or Top Secret).

Alternate Names: none

Category: TP

Use Field Name	In	Notes
SECGID	Batch reports	You can also use any alternate names for the field in batch reports.
SECGID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

SECONDS Field

The SECONDS field reflects the total number of seconds that the account entry has been active.

Alternate Names: none

Category: IT

Use Field Name	In	Notes
SECONDS	Batch reports	You can also use any alternate names for the field in batch reports.
SECONDS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	7	N	8	B	8	Z	8	B	8	B

SECUID Field

Contains the security system user ID for the user who issued the Adabas call. This field is available under z/OS when the user is running with an external security system (RACF, ACF2, or Top Secret).

In CICS environments, the sign-on ID is normally the eight-byte string used by the CICS user when logging into the CICS system. It is also possible for asynchronous transactions to have sign-on IDs associated with them. If the sign-on ID cannot be determined by the Adabas Review CICS link routine exit, the following two values will appear in Review reports:



Note: These values are only available if zap RD461067 (in a 4.6 SP1 environment) or zap RD462053 (in a 4.6 SP2 environment) have been applied.

1. **N/A:** The ACEE associated with the CICS transaction could not be located by the Review CICS link routine exit. This could occur for at least one of the following reasons:
 - SAF=NO was coded in the CICS link routine globals table, (named CICSGBL by default).
 - The CICS is not running with security (SEC=NO) in the start-up parameters.
 - The particular CICS transaction is not running under security.
2. **NOSECUID:** The ACEE was located but the sign-on ID in the data structure was not provided. (It had a length of zero or was blank.)

Alternate Names: none

Category: CB

Use Field Name	In	Notes
SECUID	Batch reports	You can also use any alternate names for the field in batch reports.
SECUID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

SESSIONS Field

The number of users participating in the Adabas session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
SESSIONS	Batch reports	You can also use any alternate names for the field in batch reports.
SESSIONS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z	8	B	8	B

SEQUENCE Field

The Adabas command sequence number. The value is incremented by one for each Adabas command processed.



Note: If the AFP field is set to "Y", do not sort the report on the SEQUENCE field; all values of SEQUENCE are equal to zero when AFP=Y, so the sort will not give you the true sequence of the commands.

Alternate Names: SEQ

Category: CB

Use Field Name	In	Notes
SEQUENCE	Batch reports	You can also use any alternate names for the field in batch reports.
SEQUENCE or SEQ	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	8	B	10	Z	4	B	8	B

SRCHTYPE Field

The type of search or search algorithm. This field contains one of the following values if the Adabas command log is for version 8.2 SP2 or later:

- ALGO-1: Search algorithm 1 (one descriptor/one value search) was used.
- ALGO-2: Search algorithm 2 (one descriptor/multiple value search) was used.
- ALGO-3: Search algorithm 3 (two-five descriptors/no work pool search) was used.
- ALGO-4: Search algorithm 4 (work pool/Work part 2 search) was used.
- ALGO-5: Search algorithm 5 (nondesoriptor search) was used. This also might appear in some reports as NONDES.
- ALGO-6: Search algorithm 6 (mixed descriptor and nondesoriptor search) was used. This also might appear in some reports as MIXED.
- ALGO-7: search algorithm 7 for search criteria with the R (=OR) operator at the highest level.

If the Adabas command log is for an older Adabas release (8.2 SP1 or earlier), the value of the SRCHTYPE field will be blank.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
SRCHTYPE	Batch reports	You can also use any alternate names for the field in batch reports.
SRCHTYPE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
6	A	6	A	6	A	6	A	6	A	6	A

STEPNAME Field

The name of the job step or task step that issued the Adabas call. This step is only available in z/OS environments.

This field can be used for record filtering.

Alternate Names: none

Category: OS

Use Field Name	In	Notes
STEPNAME	Batch reports	You can also use any alternate names for the field in batch reports.
STEPNAME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

STRTDATE Field

The date (in YYYY-MM-DD format) when the first Adabas command was processed within the current report control break.

Alternate Names: none

Category: IT

Use Field Name	In	Notes
STRTDATE	Batch reports	You can also use any alternate names for the field in batch reports.
STRTDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	A	10	A	10	A	10	A	4	T	10	A

STRTTIME Field

The time (in 24-hour format) when the first Adabas command was processed within the current report control break.

Alternate Names: none

Category: IT

Use Field Name	In	Notes
STRTTIME	Batch reports	You can also use any alternate names for the field in batch reports.
STRTTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	A	8	A	8	A	8	A	4	T	8	A

SVC Field

The Adabas SVC (supervisor call) number used for interregion communication between the user's address space and the Adabas nucleus address space.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
SVC	Batch reports	You can also use any alternate names for the field in batch reports.
SVC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
1	B	3	N	1	B	3	Z	1	B	8	B

SYSCMD Field

The number of Adabas system commands that have been executed. Adabas system commands execute in Adabas threads 0 and -1.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
SYSCMD	Batch reports	You can also use any alternate names for the field in batch reports.
SYSCMD	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	11	N	4	B	8	Z	4	B	8	B

THBKISN Field

The number of times a command could not be executed (thrown back into the command queue) because the Adabas nucleus was waiting for an available ISN.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
THBKISN	Batch reports	You can also use any alternate names for the field in batch reports.
THBKISN	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z	8	B	8	B

THBKSPAC Field

The number of times a command could not be executed (thrown back into the command queue) because the Adabas nucleus was waiting for an available ISN.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
THBKSPAC	Batch reports	You can also use any alternate names for the field in batch reports.
THBKSPAC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	8	B	20	Z	8	B	8	B

THDNUM Field

The number of 8K Adabas threads in the nucleus. The number includes the two Adabas system threads (threads 0 and -1).

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
THDNUM	Batch reports	You can also use any alternate names for the field in batch reports.
THDNUM	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

THDURA Field

The active thread time for a command. This is the time, in milliseconds, required to process the Adabas call, not including the wait time caused by I/O or other required resources. The value of this field is obtained from the command time field in the Adabas command log (LOX1CTME).

This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: THTIME

Category: IT

Use Field Name	In	Notes
THTIME	Batch reports	You can also use any alternate names for the field in batch reports.
THDURA	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	6.6	N	4	B	14.6	Z	4	B	8	B

THREAD Field

The Adabas thread number in which the Adabas command was processed.

Alternate Names: THD**Category: CB**

Use Field Name	In	Notes
THREAD	Batch reports	You can also use any alternate names for the field in batch reports.
THREAD	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	2	N	8	B	5	Z	2	B	8	B

THREADSW Field

The number of thread switches that have occurred during the Adabas nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
THREADSW	Batch reports	You can also use any alternate names for the field in batch reports.
THREADSW	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	4	B	8	Z	4	B	8	B

THROWBKS Field

The number of command throwbacks that have occurred during the Adabas nucleus session. Throwbacks occur when the record you wish to retrieve has been placed on hold by another user. The command you issued is placed on the command queue (“thrown back”) for reprocessing.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
THROWBKS	Batch reports	You can also use any alternate names for the field in batch reports.
THROWBKS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	4	B	8	Z	4	B	8	B

TIALLOC Field

The number of bytes of LI (ISN list table) space currently used.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
TIALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
TIALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

TID Field

The Com-plete terminal ID number of the user who issued the Adabas call.

Alternate Names: none

Category: TP

Use Field Name	In	Notes
TID	Batch reports	You can also use any alternate names for the field in batch reports.
TID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	4	N	2	B	4	Z	2	B	8	B

TIDATE Field

The date (in YYYY-MM-DD format) when the LI (ISN list table) high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
TIDATE	Batch reports	You can also use any alternate names for the field in batch reports.
TIDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

TIENT Field

The current number of entries used in the LI (ISN list table).

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
TIENT	Batch reports	You can also use any alternate names for the field in batch reports.
TIENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

TIME Field

The time (in 24-hour format) when the first Adabas call was processed.

Alternate Names: none

Category: IT

Use Field Name	In	Notes
TIME	Batch reports	You can also use any alternate names for the field in batch reports.
TIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

TIPCT Field

The maximum percentage of LI (ISN list table) space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
TIPCT	Batch reports	You can also use any alternate names for the field in batch reports.
TIPCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

TISIZE Field

The number of bytes allocated to the LI (ISN list table) at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
TISIZE	Batch reports	You can also use any alternate names for the field in batch reports.
TISIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

TITIME Field

The time (in HH:MM:SS format) that the LI (ISN list table) high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
TITIME	Batch reports	You can also use any alternate names for the field in batch reports.
TITIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

TIUSED Field

The maximum number of bytes of LI (ISN list table) space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
TIUSED	Batch reports	You can also use any alternate names for the field in batch reports.
TIUSED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

TOTALCMD Field

The total number of Adabas system and user commands that have been processed during the Adabas nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
TOTALCMD	Batch reports	You can also use any alternate names for the field in batch reports.
TOTALCMD	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	11	N	8	B	8	Z	4	B	8	B

TOTALIOS Field

Contains the total number of I/Os performed against all Adabas components for the Adabas session; the sum of ASSOREAD, ASSOWRIT, DATAREAD, DATAWRIT, WORKREAD, and WORKWRIT. This value is updated every minute and not when each command is issued.

This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
TOTALIOS	Batch reports	You can also use any alternate names for the field in batch reports.
TOTALIOS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	11	N	8	B	8	Z	4	B	8	B

TOTDURA Field

Total duration. Contains the amount of time the command was in the Adabas thread plus the amount of time the command waited in the command queue. The `TOTDURA` field is the sum of the `ADADURA` and `CQDURA` field values expressed in seconds.

This field can be used for record filtering. It can also be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: none

Category: IT

Use Field Name	In	Notes
TOTDURA	Batch reports	You can also use any alternate names for the field in batch reports.
TOTDURA	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8.6	N	8	B	13.6	Z	4	B	8	B

TOTREADS Field

Total duration. Contains the amount of time the command was in the Adabas thread plus the amount of time the command waited in the command queue. The `TOTDURA` field is the sum of the `ADADURA` and `CQDURA` field values expressed in seconds.

This field can be used for record filtering. It can also be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
TOTREADS	Batch reports	You can also use any alternate names for the field in batch reports.
TOTREADS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	20	Z						

TOTWRITES Field

Total Log write I/Os.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
TOTWRITES	Batch reports	You can also use any alternate names for the field in batch reports.
TOTWRITES	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{XX}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	20	Z						

TPTRANCT Field

A transaction count field. Possible values for this field are either "1" or "0" (zero).

A transaction is started with a TP terminal read and completed with a TP terminal write. For the first command of a transaction by a user, this field is set to "1". For all subsequent calls of the same transaction for the same user, this field is set to "0".

This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field. It is most useful as a SUM field in conjunction with the field TRANSID. Used in this manner, you can determine the work rate per transaction.

Alternate Names: none

Category: TP

Use Field Name	In	Notes
TPTRANCT	Batch reports	You can also use any alternate names for the field in batch reports.
TPTRANCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{XX}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	11	N	8	B	11	Z	4	B	8	B

TPTRANNM Field

The transaction number as established by the user's TP system for the transaction that issued the Adabas call.

Alternate Names: none

Category: TP

Use Field Name	In	Notes
TPTRANNM	Batch reports	You can also use any alternate names for the field in batch reports.
TPTRANNM	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	8	Z	4	B	8	B

TPUSERID Field

The user ID on the TP monitor from which the Adabas call was issued.

This field can be used for record filtering.

In CICS environments, this field is obtained from the last eight bytes of the Adabas communication ID. This field matches the last eight bytes of the communication ID presented when issuing display user queue elements to target databases. Under CICS, the rules for constructing this field area is as follows:

- If NETOPT=YES was coded in the CICS link routine globals table, the TPUSERID will be the VTAM LU name.
- If the transaction is associated with a CICS terminal, the TPUSERID will be the string "CICS" followed by the 4-byte CICS terminal ID.

- If the transaction is not associated with a terminal, the TPUSERID will be the character "C" followed by seven digits containing the unpacked CICS task number.

In Com-plete this field is the Security ID. In IMS, TSO and z/OS batch, this field is either the security ID or the job name if no security ID is available.

Alternate Names: TPUSER

Category: TP

Use Field Name	In	Notes
TPUSERID	Batch reports	You can also use any alternate names for the field in batch reports.
TPUSERID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

TRANSID Field

The name of the root transaction or program that issued the Adabas call.

This field can be used for record filtering.

Alternate Names: none

Category: TP

Use Field Name	In	Notes
TRANSID	Batch reports	You can also use any alternate names for the field in batch reports.
TRANSID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

TRUENAME Field

The name of the Adabas CICS link routine TRUE exit.

Alternate Names: none

Category: TP

Use Field Name	In	Notes
TRUENAME	Batch reports	You can also use any alternate names for the field in batch reports.
TRUENAME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

TSALLOC Field

The number of bytes in the LQ (table of sequential commands) currently being used.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
TSALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
TSALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

TSDATE Field

The date (in YYYY-MM-DD format) when the LQ (table of sequential commands) high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
TSDATE	Batch reports	You can also use any alternate names for the field in batch reports.
TSDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

TSENT Field

The current number of entries in the LQ (table of sequential commands).

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
TSENT	Batch reports	You can also use any alternate names for the field in batch reports.
TSENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

TSPCT Field

The maximum percentage of LQ (table of sequential commands) space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
TSPCT	Batch reports	You can also use any alternate names for the field in batch reports.
TSPCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

TSSIZE Field

The number of bytes allocated to the LQ (table of sequential commands) at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
TSSIZE	Batch reports	You can also use any alternate names for the field in batch reports.
TSSIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

TSTIME Field

The time (in HH:MM:SS format) when the LQ (table of sequential commands) high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
TSTIME	Batch reports	You can also use any alternate names for the field in batch reports.
TSTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

TSUSED Field

The maximum number of bytes used in the LQ (table of sequential commands) during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
TSUSED	Batch reports	You can also use any alternate names for the field in batch reports.
TSUSED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

UBUID Field

Contains the last 8 bytes of the 28-byte Adabas communication ID (CQEUID) for the user who issued the Adabas call.



Note: This field may contain different data when an X'48' call is issued. To avoid such a call in Natural, set Natural parameter ADAMODE=0 (the default value is 2).

Alternate Names: none

Category: TP

Use Field Name	In	Notes
UBUID	Batch reports	You can also use any alternate names for the field in batch reports.
UBUID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

UCMPRECL Field

Uncompressed record length. The uncompressed length of the Adabas format or search buffer field.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
UCMPRECL	Batch reports	You can also use any alternate names for the field in batch reports.
UCMPRECL	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	5	N	8	B	4	Z	2	B	8	B

UFALLOC Field

UQ file list pool. The current number of bytes used in the unique descriptor pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
UFALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
UFALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

UFDAT Field

UQ file list pool. The date (in YYYY-MM-DD format) when the unique descriptor pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
UFDATA	Batch reports	You can also use any alternate names for the field in batch reports.
UFDATA	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

UFENT Field

UQ file list pool. The current number of entries located in the unique descriptor pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
UFENT	Batch reports	You can also use any alternate names for the field in batch reports.
UFENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

UFPCT Field

UQ file list pool. The maximum percentage of unique descriptor pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
UFPCT	Batch reports	You can also use any alternate names for the field in batch reports.
UFPCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

UFSIZE Field

UQ file list pool. The total number of bytes allocated to the unique descriptor pool at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
UFSIZE	Batch reports	You can also use any alternate names for the field in batch reports.
UFSIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

UFTIME Field

UQ file list pool. The time (in HH:MM:SS format) when the unique descriptor pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
UFTIME	Batch reports	You can also use any alternate names for the field in batch reports.
UFTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

UFUSED Field

UQ file list pool. The maximum number of bytes of unique descriptor pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
UFUSED	Batch reports	You can also use any alternate names for the field in batch reports.
UFUSED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

UOWID Field

Contains the instance number and the sequence number of the CICS field NETUOWID, which is 27 bytes long. This field can only be filled in by CICS. The evaluation of this field requires a large amount of CPU time and, therefore, can only be activated by a special zap. Following is a description of the bytes in NETUOWID:

- Offset 0 (Length 1): The length (L) of the Logical-Unit-of-Work-Identifier-Field, not including this field. The NETUOWID contains Logical-Unit-of-Work-Identifier-Field plus padding bytes. Values: 0 or $10 \leq L \leq 26$.

- Offset 1 (Length 1): The length of Network Name, not including this field, $m = L - 9$, $1 \leq m < = 17$.
- Offset 2 (Length m): Network name, format: ABCDEFGH.ABCDEFGH, Networkid.Luname.
- Offset m + 2 (Length 6): Instance number.
- Offset m + 2 + 6 (Length 2): Sequence number.
- Offset m + 2 + 6 + 2 (Length until 27): Residual data.

Alternate Names: none

Category: TP

Use Field Name	In	Notes
UOWID	Batch reports	You can also use any alternate names for the field in batch reports.
UOWID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

UQALLOC Field

The number of bytes of user queue space currently in use.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
UQALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
UQALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

UQDATE Field

The date (in YYYY-MM-DD) format when the user queue high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
UQDATE	Batch reports	You can also use any alternate names for the field in batch reports.
UQDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

UQENT Field

The current number of user queue entries.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
UQENT	Batch reports	You can also use any alternate names for the field in batch reports.
UQENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

UQPCT Field

The maximum percentage of user queue space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
UQPCT	Batch reports	You can also use any alternate names for the field in batch reports.
UQPCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

UQSIZE Field

The number of bytes allocated to the user queue at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
UQSIZE	Batch reports	You can also use any alternate names for the field in batch reports.
UQSIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

UQTIME Field

The time (in HH:MM:SS format) when the user queue high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
UQTIME	Batch reports	You can also use any alternate names for the field in batch reports.
UQTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

UQUID Field

Contains the unique 4-byte UQE (user queue element) user ID for the user who issued the Adabas call. This value is allocated in numerically ascending sequence for each UQE allocated by the Adabas nucleus.

Alternate Names: none

Category: TP

Use Field Name	In	Notes
UQUID	Batch reports	You can also use any alternate names for the field in batch reports.
UQUID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	4	B	4	B	8	H	4	B	8	B

UQUSED Field

The maximum number of bytes of user queue space ever used.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
UQUSED	Batch reports	You can also use any alternate names for the field in batch reports.
UQUSED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

USERCMD Field

The total number of Adabas commands issued by users and processed during the Adabas nucleus session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
USERCMD	Batch reports	You can also use any alternate names for the field in batch reports.
USERCMD	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	11	N	4	B	8	Z	4	B	8	B

USERID Field

The 28-byte Adabas communication ID of the user for whom the command was processed.

Alternate Names: USER-ID

Category: CB

Use Field Name	In	Notes
USERID	Batch reports	You can also use any alternate names for the field in batch reports.
USERID	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
28	A	28	B	28	A	56	H	28	B	28	B

USERTYPE Field

The type of TP system from which the Adabas call was issued. Possible values include:

- "BATCH" indicates that the Adabas call was issued from a batch program;
- "CICS" indicates that the Adabas call was issued from a CICS session;
- "COMPLETE" indicates that the Adabas call was issued from a Com-plete session;
- "IMS" indicates that the Adabas call was issued from an IMS session; and
- "TSO" indicates that the Adabas call was issued from a TSO session.

Alternate Names: none

Category: TP

Use Field Name	In	Notes
USERTYPE	Batch reports	You can also use any alternate names for the field in batch reports.
USERTYPE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

USRFLDnn Field

An old format Adabas Review user field. User fields with these field names are no longer supported. If you have reports that use these user fields, you must redefine the user fields with new names and use the new fields in your reports. For more information on the latest rules for defining user fields, read *Defining Adabas Review User Fields*, in the *Adabas Review Administration Guide*.

VB Field

The contents of the Adabas value buffer if one exists for the Adabas call.

When used in a summary report, only the first 32 bytes of this field are displayed. When used in a detail report, the whole value buffer is displayed.

The VBSEG_{nn} field may be used to display parts of the value buffer if it is more than 32 bytes long.

Alternate Names: none

Category: BUF

Use Field Name	In	Notes
VB	Batch reports	You can also use any alternate names for the field in batch reports.
VB	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
32	A	32	A	32	A	32	A	32	A	32	A

VBL Field

Corresponds to the ACB or ACBX value buffer length field. The value buffer contains the value used in search commands.

Alternate Names: none

Category: CB

Use Field Name	In	Notes
VBL	Batch reports	You can also use any alternate names for the field in batch reports.
VBL	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	8	N	8	B	5	Z	2	B	8	B

VBSEGnn Field

Represents a value buffer segment of 64 bytes. The *nn* suffix is the segment number. For example, by specifying the field VBSEG01, you obtain the first 64 bytes of the value buffer. The segment number may be a number between 01 and 32, inclusive.

Alternate Names: none

Category: BUF

Use Field Name	In	Notes
VBSEG _{nn}	Batch reports	You can also use any alternate names for the field in batch reports.
VBSEG _{nn}	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
64	A	64	A	64	A	64	A	64	A	64	A

WEEK Field

The week number of the week in which the Adabas command was processed.

Alternate Names: WK

Category: IT

Use Field Name	In	Notes
WEEK	Batch reports	You can also use any alternate names for the field in batch reports.
WEEK	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
1	B	2	N	1	B	2	Z	1	B	8	B

WEEKDAY Field

The name of the day on which the Adabas command was processed.

Alternate Names: WEEK-DAY

Category: IT

Use Field Name	In	Notes
WEEKDAY	Batch reports	You can also use any alternate names for the field in batch reports.
WEEKDAY	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
3	A	3	A	3	A	3	A	3	A	3	A

WIALLOC Field

Work I/O buffers. The current number of bytes used in the unique descriptor pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
WIALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
WIALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

WIDATE Field

Work I/O buffers. The date (in YYYY-MM-DD format) when the unique descriptor pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
WIDATE	Batch reports	You can also use any alternate names for the field in batch reports.
WIDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

WIENT Field

Work I/O buffers. The current number of entries located in the unique descriptor pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
WIENT	Batch reports	You can also use any alternate names for the field in batch reports.
WIENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

WIPCT Field

Work I/O buffers. The maximum percentage of unique descriptor pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
WIPCT	Batch reports	You can also use any alternate names for the field in batch reports.
WIPCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

WISIZE Field

Work I/O buffers. The total number of bytes allocated to the unique descriptor pool at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
WISIZE	Batch reports	You can also use any alternate names for the field in batch reports.
WISIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

WITIME Field

Work I/O buffers. The time (in HH:MM:SS format) when the unique descriptor pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
WITIME	Batch reports	You can also use any alternate names for the field in batch reports.
WITIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

WIUSED Field

Work I/O buffers. The maximum number of bytes of unique descriptor pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
WIUSED	Batch reports	You can also use any alternate names for the field in batch reports.
WIUSED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

WK1PBLKS Field

WORK1 protection blocks.

This field can be used for record filtering.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
WK1PBLKS	Batch reports	You can also use any alternate names for the field in batch reports.
WK1PBLKS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	20	Z						

WK1PDIFF Field

WORK1 different blocks.

This field can be used for record filtering.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
WK1PDIFF	Batch reports	You can also use any alternate names for the field in batch reports.
WK1PDIFF	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	20	Z						

WK1PIOS Field

WORK1 protection I/Os.

This field can be used for record filtering.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
WK1PIOS	Batch reports	You can also use any alternate names for the field in batch reports.
WK1PIOS	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	16	N	20	Z						

WORK-IO Field

The number of I/O operations performed against the Adabas Work data set for this command.

This field can be used for record filtering.

Alternate Names: WORK-IO

Category: I/O

Use Field Name	In	Notes
WORK-IO	Batch reports	You can also use any alternate names for the field in batch reports.
WORK-IO	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	12	N	8	B	12	Z	4	B	8	B

WORKIO Field

The number of I/O operations performed against the Adabas Work data set for this command.

This field can be used for record filtering.

Alternate Names: WORK-IO

Category: I/O

Use Field Name	In	Notes
WORKIO	Batch reports	You can also use any alternate names for the field in batch reports.
WORKIO	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	12	N	8	B	12	Z	4	B	8	B

WORKREAD Field

Contains the total number of Work read I/O operations performed during the Adabas session. This value is updated every minute and not when each command is issued.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
WORKREAD	Batch reports	You can also use any alternate names for the field in batch reports.
WORKREAD	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

WORKWRIT Field

The total number of Work write I/O operations performed during the Adabas session. This value is updated every minute and not when each command is issued.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
WORKWRIT	Batch reports	You can also use any alternate names for the field in batch reports.
WORKWRIT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	8	N	8	B	8	Z	4	B	8	B

WORKREAG Field

The total number of Work write I/O operations performed during the Adabas session. This value is updated every minute and not when each command is issued.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
WORKREAG	Batch reports	You can also use any alternate names for the field in batch reports.
WORKREAG	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	20	N	8	B	20	Z				

WORKWRIG Field

The total number of Work write I/O operations performed during the Adabas session. This value is updated every minute and not when each command is issued.

Alternate Names: none

Category: I/O

Use Field Name	In	Notes
WORKWRIG	Batch reports	You can also use any alternate names for the field in batch reports.
WORKWRIG	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	B	20	N	8	B	20	Z				

W1ALLOC Field

WK1-Alloc. The current number of blocks used in the Work Part 1 pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W1ALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
W1ALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W1DATE Field

WK1-Date. The date (in YYYY-MM-DD format) when the Work Part 1 pool-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W1DATE	Batch reports	You can also use any alternate names for the field in batch reports.
W1DATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

W1ENT Field

WK1-Ent. The current number of entries located in the Work Part 1 pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W1ENT	Batch reports	You can also use any alternate names for the field in batch reports.
W1ENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W1PCT Field

WK1-Pct. The maximum percentage of Work Part 1 pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W1PCT	Batch reports	You can also use any alternate names for the field in batch reports.
W1PCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W1SIZE Field

WK1-Size. The total number of bytes allocated to the Work Part 1 pool at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W1SIZE	Batch reports	You can also use any alternate names for the field in batch reports.
W1SIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W1TIME Field

WK1-Time. The time (in HH:MM:SS format) when the Work Part 1 pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W1TIME	Batch reports	You can also use any alternate names for the field in batch reports.
W1TIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

W1USED Field

WK1-Used. The maximum number of bytes of Work Part 1 pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W1USED	Batch reports	You can also use any alternate names for the field in batch reports.
W1USED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W1BALLOC Field

WK1B-Alloc. The current number of blocks used in the Work Part 1B pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W1BALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
W1BALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W1BDATE Field

WK1B-Date. The date (in YYYY-MM-DD format) when the Work Part 1B pool-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W1BDATE	Batch reports	You can also use any alternate names for the field in batch reports.
W1BDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

W1BENT Field

WK1B-Ent. The current number of entries located in the Work Part 1B pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W1BENT	Batch reports	You can also use any alternate names for the field in batch reports.
W1BENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W1BPCT Field

WK1B-Pct. The maximum percentage of Work Part 1B pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W1BPCT	Batch reports	You can also use any alternate names for the field in batch reports.
W1BPCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W1BSIZE Field

WK1B-Size. The total number of bytes allocated to the Work Part 1B pool at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W1BSIZE	Batch reports	You can also use any alternate names for the field in batch reports.
W1BSIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W1BTIME Field

WK1B-Time. The time (in HH:MM:SS format) when the Work Part 1B pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W1BTIME	Batch reports	You can also use any alternate names for the field in batch reports.
W1BTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

W1BUSED Field

WK1B-Used. The maximum number of bytes of Work Part 1B pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W1BUSED	Batch reports	You can also use any alternate names for the field in batch reports.
W1BUSED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W2ALLOC Field

WK2-Alloc. The current number of blocks used in the Work Part 2 pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W2ALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
W2ALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W2DATE Field

WK2-Date. The date (in YYYY-MM-DD format) when the Work Part 2 pool-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W2DATE	Batch reports	You can also use any alternate names for the field in batch reports.
W2DATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

W2ENT Field

WK2-Ent. The current number of entries located in the Work Part 2 pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W2ENT	Batch reports	You can also use any alternate names for the field in batch reports.
W2ENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W2PCT Field

WK2-Pct. The maximum percentage of Work Part 2 pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W2PCT	Batch reports	You can also use any alternate names for the field in batch reports.
W2PCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W2SIZE Field

WK2-Size. The total number of bytes allocated to the Work Part 2 pool at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W2SIZE	Batch reports	You can also use any alternate names for the field in batch reports.
W2SIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W2TIME Field

WK2-Time. The time (in HH:MM:SS format) when the Work Part 2 pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W2TIME	Batch reports	You can also use any alternate names for the field in batch reports.
W2TIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

W2USED Field

WK2-Used. The maximum number of bytes of Work Part 2 pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W2USED	Batch reports	You can also use any alternate names for the field in batch reports.
W2USED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W3ALLOC Field

WK3-Alloc. The current number of blocks used in the Work Part 3 pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W3ALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
W3ALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{XX}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W3DATE Field

WK3-Date. The date (in YYYY-MM-DD format) when the Work Part 3 pool-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W3DATE	Batch reports	You can also use any alternate names for the field in batch reports.
W3DATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{XX}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

W3ENT Field

WK3-Ent. The current number of entries located in the Work Part 3 pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W3ENT	Batch reports	You can also use any alternate names for the field in batch reports.
W3ENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W3PCT Field

WK3-Pct. The maximum percentage of Work Part 3 pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W3PCT	Batch reports	You can also use any alternate names for the field in batch reports.
W3PCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W3SIZE Field

WK3-Size. The total number of bytes allocated to the Work Part 3 pool at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W3SIZE	Batch reports	You can also use any alternate names for the field in batch reports.
W3SIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

W3TIME Field

WK2-Time. The time (in HH:MM:SS format) when the Work Part 2 pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W3TIME	Batch reports	You can also use any alternate names for the field in batch reports.
W3TIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

W3USED Field

WK3-Used. The maximum number of bytes of Work Part 3 pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
W3USED	Batch reports	You can also use any alternate names for the field in batch reports.
W3USED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

XIDALLOC Field

XID pool. The current number of bytes used in the unique descriptor pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
XIDALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
XIDALLOC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

XIDDATE Field

XID pool. The date (in YYYY-MM-DD format) when the unique descriptor pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
XIDDATE	Batch reports	You can also use any alternate names for the field in batch reports.
XIDDATE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
10	A	10	A	10	A	10	A	10	A	10	A

XIDENT Field

XID pool. The current number of entries located in the unique descriptor pool.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
XIDENT	Batch reports	You can also use any alternate names for the field in batch reports.
XIDENT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

XIDPCT Field

XID pool. The maximum percentage of unique descriptor pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
XIDPCT	Batch reports	You can also use any alternate names for the field in batch reports.
XIDPCT	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

XIDSIZE Field

XID pool. The total number of bytes allocated to the unique descriptor pool at Adabas nucleus startup.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
XIDSIZE	Batch reports	You can also use any alternate names for the field in batch reports.
XIDSIZE	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
4	B	10	N	4	B	10	Z	4	B	8	B

XIDTIME Field

XID pool. The time (in HH:MM:SS format) when the unique descriptor pool high-water mark was reached.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
XIDTIME	Batch reports	You can also use any alternate names for the field in batch reports.
XIDTIME	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

XIDUSED Field

XID pool. The maximum number of bytes of unique descriptor pool space used during the Adabas nucleus session.

Alternate Names: none

Category: NUC-BUFF

Use Field Name	In	Notes
XIDUSED	Batch reports	You can also use any alternate names for the field in batch reports.
XIDUSED	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

YEAR Field

The year (in YYYY format) in which the Adabas command was processed.

Alternate Names: YR

Category: IT

Use Field Name	In	Notes
YEAR	Batch reports	You can also use any alternate names for the field in batch reports.
YEAR	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
2	B	4	N	2	B	4	Z	2	B	8	B

ZIIP Field

ZIIP indicates whether the Adabas application program was running on a zIIP processor when calling Adabas.

Possible Values:

Z	indicates that the Adabas client program was running on a zIIP processor.
N	indicates that the Adabas client program was not running on a zIIP processor.
" " (blank)	indicates that the Adabas client program uses an ADALNK with no linked-in REVIEW exit.

Alternate Names: none

Category: OS

Use Field Name	In	Notes
ZIIP	Batch reports	You can also use any alternate names for the field in batch reports.
ZIIP	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
1	A	1	A	1	A	1	A	1	A	1	A

15M Field

Establishes 15-minute intervals for the collection of Adabas data.

Alternate Names: M15

Category: IT

Use Field Name	In	Notes
15M	Batch reports	You can also use any alternate names for the field in batch reports.
15M	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
5	A	5	A	5	A	5	A	5	A	8	A

1M Field

Establishes one-minute intervals for the collection of Adabas data.

Alternate Names: MIN , MINUTE

Category: IT

Use Field Name	In	Notes
MINUTE	Batch reports	You can also use any alternate names for the field in batch reports.
1M	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and [formats](#) of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
5	A	5	A	5	A	5	A	5	A	8	A

1SEC Field

Establishes one-second intervals for the collection of Adabas data. The format of this field is HH:MM:SS (eight bytes).

Alternate Names: none

Category: IT

Use Field Name	In	Notes
1SEC	Batch reports	You can also use any alternate names for the field in batch reports.
1SEC	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
8	A	8	A	8	A	8	A	8	A	8	A

5M Field

Establishes five-minute intervals for the collection of Adabas data.

Alternate Names: M5

Category: IT

Use Field Name	In	Notes
5M	Batch reports	You can also use any alternate names for the field in batch reports.
5M	Online (SYSREVDDB) reports	Only use this field name in online reports; alternate names cannot be used.

Length and Format Table:

The following table provides the lengths and **formats** of the data for this field when collected from the input source, and when included in online SYSREVDDB reports, repository history data, RVUPRT_{nn} output files, summary log files, and raw log files.

Input Source		SYSREVDDB Reports		Repository History Data		RVUPRT _{xx}		Summary Log		Raw Log	
Length	Format	Length	Format	Length	Format	Length	Format	Length	Format	Length	Format
5	A	5	A	5	A	5	A	5	A	8	A

4 Supplied Report Reference

■ Application File Field Usage Report	359
■ Adabas Buffer Pool Display Report	363
■ Command Logging Report	364
■ Commands By Hour Report	365
■ Cost Accounting Example Report	366
■ Descriptor Usage Report	366
■ Exceptional Response Codes Report	368
■ File Usage Report	369
■ Hourly Database Overview Report	371
■ I/O Count by Hour Report	372
■ I/O Summary... Reports	373
■ Job Overview Report	376
■ Last 500 Adabas Calls Report	377
■ Long Running Commands Report	379
■ Maximum PCT Space Used	380
■ Natural Program Trace Report	382
■ Natural Summary Report	383
■ Natural Transaction Trace Report	385
■ PRILOG Report	387
■ Rate of Commands and I/Os by Date Report	388
■ Rate of Commands and I/Os by Hour Report	389
■ Remote Physical Calltype	391
■ Schedule File Usage Report	392
■ Summary Report by File Report	392
■ Thread Activity Report	394
■ Thread Activity by Command Report	396
■ Transaction Count... Reports	398
■ Transaction Detailed Information Report	402
■ Transaction Summary by User Report	404
■ Who is Using Natural? Report	405
■ Who Uses SYSMAIN? Report	407
■ Worst Calls... Reports	409

- Worst Transactions... Reports 421
- ZIIP Usage Per Command 428

This section describes the reports supplied with Adabas Review. These reports should be customized to suit individual site requirements, prior to attempting to run them.

The documentation for each report lists the fields ([system names](#)), report options, and report processing rules (if any) used to produce the report. To examine these report definitions online, read *Editing Existing Reports* in the *Adabas Review User Guide*.

Application File Field Usage Report

The Application File Field Usage report shows the processing activity, by file, for Natural application programs. Processing activity information includes the total number of commands and I/Os, as well as the total amount of command response time (CMDRESP) and time used to process in the Adabas thread (ADADURA).

11:15:38	APPLICATION FILE FIELD USAGE					2016-07-28
	2016-07-28 Thru 2016-07-28					
						Page: 1
NAT-App1	File	Fld-Name	Total Num-of-I/Os	Total Commands	Total Cmd-Resp	
		0	0	34	0.113408	
		50	0	85	6.183168	
		50 AB	0	14	4.649984	
		50 AI	0	5	2.564480	
		50 AK	0	5	2.564480	
		50 AL	0	5	2.564480	
		50 AM	0	5	2.564480	
		50 AN	0	5	2.564480	
		50 AZ	0	5	2.564480	
		50 OA	0	163	12.200576	
		50 OB	0	15	1.862784	
		50 OC	0	101	7.873152	
		50 OD	0	103	8.088064	
Command: _____						
Enter-PF1---	PF2---	PF3---	PF4---	PF5---	PF6---	PF7---
Help		Exit			+	
						PF8---
						PF9---
						PF10---
						PF11---
						PF12---
						====> Menu

```
11:15:40                APPLICATION FILE FIELD USAGE                2016-07-28
                        2016-07-28 11:15:25 - 2016-07-28 11:15:38    Columns 010 072
=====>                                Scroll ==>  PAGE
***** ***** top of data *****
00001 -----
00002                      Total          Total          Total
00003 NAT-App1  File Fld-Name  Num-of-IOs  Commands  CMD-Resp
00004 -----
00005                      0              0              8              0.129125
00006                      1              0              5              0.001250
00007                      1 AQ           5              11             0.012250
00008                      1 AT           11             12             0.027125
00009 ***** ***** *****          16             36             0.169750
00010 SYSBIZ      0              0              4              0.001000
00011              1007           0              1              0.004750
00012              1008           0              1              0.004750
00013              1021           0              1              0.004750
00014              1022           0              1              0.004750
00015 ***** ***** *****          0              8              0.020000
00016 SYSREVDDB   0              0              23             0.336500
00017 ***** ***** *****          0              23             0.336500
00018 ***** ***** *****          16             67             0.526250
***** ***** bottom of data *****
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  RVSrt Exit  Updat Rfind      -      +      <=== ===>  Canc
```



```

11:18:37                APPLICATION FILE FIELD USAGE                2016-07-28
                2016-07-28 11:15:25 - 2016-07-28 11:15:38      Columns 025 087
=====>                Scroll ==>  PAGE
***** ***** top of data *****
00001 -----
00002                Total          Total          Total          Total
00003 NAT-App1      Num-of-IOs      Commands      CMD-Resp      ADA-Dur
00004 -----
00005                0              8              0.129125      0.020310
00006                0              5              0.001250      0.000148
00007                5              11             0.012250      0.055925
00008                11             12             0.027125      0.194048
00009 *****      16              36             0.169750      0.270431
00010 SYSBIZ        0              4              0.001000      0.000083
00011                0              1              0.004750      0.000041
00012                0              1              0.004750      0.000036
00013                0              1              0.004750      0.000035
00014                0              1              0.004750      0.000147
00015 *****      0              8              0.020000      0.000342
00016 SYSREVDDB     0              23             0.336500      0.000122
00017 *****      0              23             0.336500      0.000122
00018 *****      16              67             0.526250      0.270895
***** ***** bottom of data *****
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  RVSrt Exit  Updat Rfind      -      +      <=== ===>  Canc

```

Output of APPLICATION FILE FIELD USAGE with redefined field redefinitions:

```

<FIELDS-REDEF-START>
NATAPPL  A8      NAT-App1      /* A8      NAT-App1
FILE      N5      File          /* N5      File
FBFIELDS  A2      FB            /* A2      Fld-Name
IOS       N8      NumOfIOs      /* N12     Num-of-IOs
COMMANDS  N8      Commands      /* N13     Commands
CMDRESP   N4.4    CMD-Resp      /* N12.6   CMD-Resp
ADADURA  N2.4    ADA-Dur       /* N8.6    ADA-Dur
<FIELDS-REDEF-END>

```

```

11:40:37                APPLICATION FILE FIELD USAGE                2017-10-04
                2017-09-28 12:53:31 - 2017-10-04 11:40:36        Columns 010 054
=====>                Scroll ==>  PAGE
***** ***** top of data *****
00001  -----
00002                Total      Total      Total      Total
00003 NAT-App1  File FB NumOfIOs  Commands  CMD-Resp  ADA-Dur
00004  -----
00005                0              0          69      1.1040  0.0000
00006 ***** **              0          69      1.1040  0.0000
00007 SYSREVDDB  0              0      2627    42.0320  0.0000
00008 ***** **              0      2627    42.0320  0.0000
00009 ***** **              0      2696    43.1360  0.0000
***** ***** bottom of data *****

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  RVSrt Exit  Updat Rfind      -      +                      Canc

```

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
NATAPPL	1							
FILE	2							
FBFIELDS	3							
IOS		Y						
COMMANDS		Y						
CMDRESP		Y						
ADADURA		Y						

Report Options Selected

Defaults.

Report Processing Rules

None.

Adabas Buffer Pool Display Report

The Adabas Buffer Pool Display Report shows the usage of Adabas buffer pools.

22:31:56		A D A B A S - R E V I E W							2016-06-19	
ADABAS Buffer Pool Display										
nnnnK = Buffer Size ----- = Max Used ===== = Currently Used										
!	47003K			29K	0K	0K	0K	602K		
100%	---45%-			--605%-	==605%=	---45%-	====7%=	--828%-		
!	-----			-----	=====	-----	=====	-----		
!	-----			-----	=====	-----	=====	-----		
75%	-----			-----	=====	-----	=====	-----		
!	-----			-----	=====	-----	=====	-----		
!	-----		19K	-----	=====	-----	=====	-----		
50%	-----		---50%-	-----	=====	-----	=====	-----		
!	-----		-----	-----	=====	-----	=====	-----		
!	-----		-----	-----	=====	-----	=====	-----		
25%	-----		-----	-----	=====	-----	=====	-----		
!	-----		-----	-----	=====	-----	=====	-----		
!	-----	33224K	===10%=	===1%=	=====	-----	=====	-----		
0%	-----									
	AB-POOL	COMMAND	HOLD	USER	ISN TAB	SEQ TAB	FORMAT	WORK		
Command: _____										
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---										
Help		Exit		Menu					↩	

Command Logging Report

The Command Logging report is a detailed report that contains the necessary report options for using the command logging features of Adabas Review. It may be used as an example for creating reports that perform command logging. For more information about the use of the command logging report options, refer to the section *Logging Options*, in the *Adabas Review User Guide*.

The following report options are required for command logging and are used in this report:

Detail/Sum	D
Print	N
Log	Y
File	name
Num of Logs	number
Log Size	number

A command log report must be a detailed report so that it produces a straight recording of each command processed by Adabas.

Data fields are not used in reports that perform command logging. Because it is a detailed report and cannot be viewed online, and because the PRINT option is set to "N", field information entered on the Edit Report screen produces no effect.



Note: When Log is set to Y, a detailed report without fields may be defined.

The following report options used in this report are *not* required for command logging:

AutoStart	Y
Log FB	Y
Log SB	Y
Log RB	Y
Log VB	Y
Log IB	Y
Log IO	Y

Commands By Hour Report

The Commands by Hour report shows Adabas processing activity, by command, on an hourly basis. The processing activity shown includes the total number of commands, the total and average number of I/Os, and the total command response time.

03:39:06

COMMANDS BY HOUR

2016-06-20

03:37:16 2016-06-20 Thru 03:38:58 2016-06-20

Page: 1

Time	Cmd	Total Num-of-I/Os	Total Commands	Total Cmd-Resp	Avg Num-of-I/Os
03:00	L3	0	12	0.998400	0.000
	RC	0	2	0.003584	0.000
	S1	0	28	3.218432	0.000
*****	***	0	42	4.220416	0.000
*****	***	0	42	4.220416	0.000
***** E N D O F R E P O R T *****					

Command:

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---

Help Sort Exit -- + ==> Menu ↵

This section covers the following topics:

- Fields Selected
- Report Options Selected

■ Report Processing Rules

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
HOUR	1							
CMD	2							
IOS		Y			Y			
COMMANDS		Y						
CMDRESP		Y			Y			

Report Options Selected

```
AUTOSTART = Y  
MAX K = 8
```

Report Processing Rules

None.

Cost Accounting Example Report

The Cost Accounting Example report is a summary report designed to show how Adabas Review may be used to produce cost accounting reports about Adabas resource consumption.

For more information about this report, see the section *Cost Accounting Example*, in *Adabas Review Concepts Manual*.

Descriptor Usage Report

The Descriptor Usage Report shows processing done for Adabas fields used as descriptors. Commands are shown with the descriptor name for the field on which the command was performed. Processing statistics are given for each command, whether or not the command was performed on a descriptor.

```

03:41:00                                DESCRIPTOR USAGE REPORT                                2016-06-20
                                03:37:25 2016-06-20 Thru 03:40:29 2016-06-20
                                Page:      1
                                Total
                                ISN-Qty
File  Cmd  Desc-Name  Total      Total      Total
                   Num-of-IOs  Commands  ADA-Dur
-----
      0 RC                                0          3      0.000336      0
***** *** *****                        0          3      0.000336      0
     50 L3  01                        0         12      0.000592      0
          S1                        0          2      0.000416      2
          S1  01                        0         25      0.005552     25
          S1  T1                        0          1      0.000304      1
***** *** *****                        0         40      0.006864     28
***** *** *****                        0         43      0.007200     28

*****   E N D       O F       R E P O R T   *****

Command: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Sort  Exit          --          +          Menu  ↵

```

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
FILE	1							
CMD	2							
SBFIELDS	3							
IOS		Y						
COMMANDS		Y						
ADADURA		Y						
ISNQ		Y						

Report Options Selected

Defaults.

Report Processing Rules

None.

Exceptional Response Codes Report

The Exceptional Response Codes report gives a snapshot of the processing environment at the time that an Adabas command returns an exceptional response code. (Response codes are exceptional if they are *not* equal to 0, 3, 9, 17, or 48.) The information collected by this report may be used to help determine the cause and resolve the condition causing the exceptional response code.

11:27:13	EXCEPTIONAL RESPONSE CODES								2016-07-07
	10:50:09 2016-06-23 Thru 10:54:51 2016-06-23								
Seq	CQ-Job	TPUserid	NAT-App1	NAT-Pgm	NAT-Stmt	Cmd	File	Rsp	Rspsub
-----	-----	-----	-----	-----	-----	---	---	-----	-----
203871	COMPLETE	USER1	PAA	MGLNVAUD	3110	L4	63	113	0
204158	COMPLETE	USER2	PAA	MGLNVAUD	3110	L4	63	113	0
204689	COMPLETE	USER3	PAA	MGLNVAUD	3110	L4	63	113	0
*****	*****	*****	*****	*****	*****	***	***	*****	*****
*****	E N D	O F	R E P O R T	*****					
Command: _____									
Enter-PF1---	PF2---	PF3---	PF4---	PF5---	PF6---	PF7---	PF8---	PF9---	PF10--PF11--PF12---
Help	Sort	Exit				+		==>	Menu

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)

■ Report Processing Rules

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
SEQ	1							
CQJOB	2							
TPUSERID	3							
NATAPPL	4							
NATPROG	5							
NATSTMT	6							
CMD	7							
FILE	8							
RSP	9							
RSPSUB	10							
IOS	11							
ADADURA	12							
CID	13							

Report Options Selected

AUTOSTART = Y

Report Processing Rules

RSP NE (0,3,9,17,48)

File Usage Report

The File Usage report breaks down file usage into the types of processing done to the file. It shows the total number of associator and data storage I/Os executed, the descriptor updates performed, the command response time used, the amount of Adabas processing time required, and the total number of commands.

03:43:13	FILE USAGE					2016-06-20
	03:37:35	2016-06-20	Thru	03:42:23	2016-06-20	
					Page:	1
File	Total Asso-I/Os	Total Data-I/Os	Total Commands	Total Desc-Upd	Total Cmd-Resp	
0	0	0	4	0	0.007168	
50	0	0	38	0	3.986944	
*****	0	0	42	0	3.994112	
*****	E N D	O F	R E P O R T	*****		
Command: _____						
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---						
Help Sort Exit -- + ==> Menu ↵						

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
FILE	1							
ASSOIO		Y						
DATAIO		Y						
COMMANDS		Y						
DESUPD		Y						
CMDRESP		Y						
DURATION		Y						

Report Options Selected

Defaults.

Report Processing Rules

None.

Hourly Database Overview Report

The Hourly Database Overview report shows the processing done in the database which is currently selected, on an hourly basis. It gives the total number of commands and I/Os, the total and average command response time (CMDRESP), and the average Adabas thread processing time (ADADURA).

04:08:00

HOURLY DATABASE OVERVIEW

2016-06-20

03:37:42 2016-06-20 Thru 04:07:29 2016-06-20

Page: 1

Time	File	Total Num-of-I/Os	Total Commands	Total Cmd-Resp	Total ADA-Dur
03:00	0	0	12	0.021504	0.001872
	50	0	51	5.481216	0.008976
*****	*****	0	63	5.502720	0.010848
04:00	0	0	4	0.007168	0.000624
	50	0	8	0.919552	0.001840
*****	*****	0	12	0.926720	0.002464
*****	*****	0	75	6.429440	0.013312
***** E N D O F R E P O R T *****					

Command: _____

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---

Help Sort Exit -- + ==> Menu ←

This section covers the following topics:

- Fields Selected
- Report Options Selected

■ Report Processing Rules

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
HOUR	1							
FILE	2							
IOS		Y						
COMMANDS		Y						
CMDRESP		Y			Y			
ADADURA		Y			Y			

Report Options Selected

Defaults.

Report Processing Rules

None.

I/O Count by Hour Report

The I/O Count by Hour report calculates and displays information on an hourly basis. It shows the total I/Os, and breaks them into totals for the associator, the data storage area, and the work area. Total number of commands is also shown. The processing rule “IOS GT 0” assures that reporting is on commands issuing at least one I/O.

11:35:38	IO COUNT BY HOUR					2016-07-07
	10:32:13 2016-06-23 Thru 11:35:37 2016-06-23					
Time	Total IOs	Total Commands	Total Asso-IOs	Total Data-IOs	Total Work-IOs	
10:00	3913	2140	1862	1737	314	
11:00	5245	2899	2554	2319	372	
*****	9158	5039	4416	4056	686	
*****	E N D	O F	R E P O R T	*****		
Command: _____						
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---						
Help Sort Exit				+	Menu	

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
HOUR	1							
IOS		Y						
COMMANDS		Y						
ASSOIO		Y						
DATAIO		Y						
WORKIO		Y						

Report Options Selected

ENTRIES = 99999

Report Processing Rules

IOS GT 0

I/O Summary... Reports

The two I/O summary reports, I/O Summary by RABN and *[I/O Summary by Volume](#)*, may be used to determine the components against which I/Os are performed. For commands issuing at least one I/O, these reports list the Adabas component against which the I/O was performed, and either the Adabas relative block number or the volume serial number of the device.

- [I/O Summary by RABN Report](#)

- [I/O Summary by Volume Report](#)

I/O Summary by RABN Report

The I/O Summary by Volume report is an example of an I/O summary report.

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
IOCOMP	1							
IORABN	2							
COMMANDS		Y						

Report Options Selected

```
ENTRIES = 99999
```

Report Processing Rules

```
IOS GT 0
```

I/O Summary by Volume Report

The I/O Summary by Volume report is an example of an I/O summary report.

```

11:36:43                                IO SUMMARY BY VOLUME                                2016-07-07
                                10:33:08 2016-06-23 Thru 11:36:42 2016-06-23
                                Total
Volser IO-TYPE IO-Comp      Commands
-----
RD0008 ASS0    AC1          1172
        ASS0    AC2           7
        ASS0    AS          386
        ASS0    FCB         193
        ASS0    FDT         103
        ASS0    NI1        1704
        ASS0    UI1         881
        ASS0    UI2          12
        DATA   DS          161
        DATA   DS1        3562
        DATA   DS2         183
        DATA   DS3          37
        DATA   DS4         150

Command: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
        Help  Sort  Exit                                +                               Menu

```

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
IOVOLSER	1							
IOTYPE	2							
IOCOMP	3							
COMMANDS		Y						

Report Options Selected

ENTRIES = 99999

Report Processing Rules

IOS GT 0

Job Overview Report

The Job Overview report shows processing activity for jobs or tasks issuing Adabas calls. For the job or task, it shows the file number accessed, the total number of I/Os and commands, and the total command response time (CMDRESP) and Adabas thread processing time used (ADADURA).

03:55:38

JOB OVERVIEW

2016-06-20

03:38:08 2016-06-20 Thru 03:54:30 2016-06-20

Page: 1

CQ-Job	File	Cmd	Total Num-of-I/Os	Total Commands	Total Cmd-Resp	Total ADA-Dur
??q	0 RC		0	8	0.014336	0.001184
	50 L3		0	12	0.998400	0.000592
	50 S1		0	26	2.988544	0.005344
*****	*****	***	0	46	4.001280	0.007120
*****	*****	***	0	46	4.001280	0.007120
*****	E N D	O F	R E P O R T	*****		

Command:

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---

Help Sort Exit -- + Menu ↵

This section covers the following topics:

- Fields Selected
- Report Options Selected

■ Report Processing Rules

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
CQJOB	1							
FILE	2							
CMD	3							
IOS		Y						
COMMANDS		Y						
CMDRESP		Y						
ADADURA		Y						

Report Options Selected

Defaults.

Report Processing Rules

None.

Last 500 Adabas Calls Report

The Last 500 Adabas Calls report lists the last 500 Adabas call in order by Adabas sequence number. This report uses the report option “DISPLAY BY=SORTEDDE” which lists the calls in order by sequence number, starting with the most recent sequence number first.

The order in which the sequence numbers are displayed may be changed by using a different “DISPLAY BY=” option. The number of calls shown can be varied from 500, by changing the “ENTRIES=” option to any number desired. For example, “ENTRIES=100” displays the last 100 Adabas calls.

03:57:18		LAST 500 ADABAS CALLS					2016-06-20	
		03:38:15 2016-06-20 Thru 03:57:07 2016-06-20					Page: 1	
Sequence	TPUserid	NAT-Appl	NAT-Pgm	File	Cmd	Rsp	Total-Dur	
-----	-----	-----	-----	-----	-----	-----	-----	
228047	USER1	SYS410DB	SR-00038	0	RC	0	0.000304	
228046	USER1	SYS410DB	SR-00038	17	L3	0	0.000864	
228045	USER1	SYS410DB	SR-00038	17	L3	0	0.005328	
228044	USER1	SYS410DB	SR-00038	17	L3	0	0.000512	
228043	USER1	SYS410DB	SR-00038	17	L3	0	0.004272	
228042	USER1	SYS410DB	SR-00038	17	L3	0	0.000640	
228041	USER1	SYS410DB	SR-00038	17	L3	0	0.089600	
228040	USER2	SYS410DB	P-DBLS	0	RC	0	0.000320	
228039	USER3	SYS410DB	S-DBEXIT	0	ET	0	0.030048	
228038	USER3	SYS410DB	S-DBEXIT	17	A1	0	0.029248	
228037	USER3	SYS410DB	S-DBEXIT	17	S4	0	0.000768	
228036	USER3	SYS410DB	S-DBEXIT	17	A1	0	0.026256	
228035	USER3	SYS410DB	S-DBEXIT	17	S4	0	0.000544	
Command: _____								
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---								
Help Sort Exit						+	==> Menu	

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
SEQ	1							
TPUSERID	2							
NATAPPL	3							
NATPROG	4							
FILE	5							
CMD	6							
RSP	7							
TOTDURA	8							
IOS	9							

Report Options Selected

```
WRAPPING = Y
MAX K = 48
DISPLAY BY = SORTEDDE
ENTRIES = 500
```

Report Processing Rules

None.

Long Running Commands Report

The Long Running Commands report shows commands with a duration greater than three seconds and I/Os greater than 200.

The report processing rule “ADADURA GT 3.0” determines that commands with a duration greater than three seconds are selected for this report; to change the duration for the commands selected, change the number “3.0” to any number desired. Similarly, the report processing rule “IOS GT 200” selects commands with more than 200 I/Os; to change the I/O criterion for the commands selection, change “200” to any number desired.

11:54:53		LONG RUNNING COMMANDS							2016-07-07		
		09:52:56	2016-06-16 Thru 11:50:35 2016-06-16								
Seq	CQ-Job	TPUserid	NAT-App1	NAT-Pgm	Cmd	File	Rsp	IOs			
13375591	COM000R	USER1	SYSCNT2	NIDES2	S1	65	0	389			
13377560	COM000R	USER2	SYSCNT2	NIDES2	S1	65	0	383			
13384954	COM000R	USER3	SYSCNT2	NIDES2	S1	65	0	393			
13390282	COM000R	USER4	SYSCNT2	NIDES2	S1	65	0	386			
13393597	COM000R	USER5	SYSCNT2	NIDES2	S1	65	0	388			
13404627	COM000R	USER6	SYSCNT2	NIDES2	S1	65	0	489			
*****	*****	*****	*****	*****	***	****	*****				
*****	E N D	O F	R E P O R T		*****						
Command: _____											
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---											
Help Sort Exit					+			==> Menu			

- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
SEQ	1							
CQJOB	2							
TPUSERID	3							
NATAPPL	4							
NATPROG	5							
CMD	6							
FILE	7							
RSP	8							
IOS	9							
ADADURA	10							
CID	11							

Report Options Selected

Defaults.

Report Processing Rules

```
ADADURA  GT  3.0  AND
IOS      GT  200
```

Maximum PCT Space Used

The Maximum PCT Space Used report shows the maximum buffer usage in percent of various Adabas Nucleus buffers. The values are taken from Adabas Nucleus statistical buffer fields.

Here is a sample of the report:

```

13:44:34                                MAXIMUM PCT SPACE USED                                2020-02-21
                                2020-02-21 13:44:17 - 2020-02-21 13:44:33
                                                                                               Page: 1
      Max      Max      Max      Max      Max      Max
DBID  AB-Max-Pct CQ-Max-Pct DUQ-Pct  HQ-Max-Pct LFP-Max-Pct LWP-Max-Pct
-----
    129         0         0         0         0         0         0
    177         2         0         0         1        31         6
  11177         3         0         0         7        35        12
  *****         3         0         0         7        35        12

*****   E N D   O F   R E P O R T   *****

Command: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help Sort Exit                                +                                Menu

```

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
DBID	1							
ABPCT				Y				
CQPCT				Y				
DQPCT				Y				
HQPCT				Y				
LFPPCT				Y				
LWPPCT				Y				
PIPCT				Y				
RDPCT				Y				
RPPCT				Y				
SCPCT				Y				
TIPCT				Y				
TSPCT				Y				
WIPCT				Y				

Report Options Selected

Defaults.

Report Processing Rules

None.

Natural Program Trace Report

The Natural Program Trace report shows processing activity for a specific Natural program, sorted by Adabas sequence number. To specify the program to be reported on, use the processing rules:

```
NATAPPL EQ MYLOGON
```

where *MYLOGON* is the program library name; and

```
NATPROG EQ MYPROG
```

where *MYPROG* is the program name.

Here is a sample of the report:

15:14:55	NATURAL PROGRAM TRACE						2016-07-07
	14:12:56	2016-06-28	Thru	14:12:59	2016-06-28		
Seq	Cmd	File	Rsp	CID	ADA-Dur	Cmd-Resp	I/Os
375126	L3	12	0	09700101	0.004672	0.000112	1
375127	L3	12	0	09700101	0.003184	0.000112	0
375128	L3	12	0	09700101	0.000384	0.000112	0
375129	L3	12	0	09700101	0.000496	0.000112	0
375130	L3	12	0	09700101	0.000384	0.000112	0
375131	L3	12	0	09700101	0.000352	0.000112	0
375132	L3	12	0	09700101	0.001456	0.000112	0
375133	L3	12	0	09700101	0.000352	0.000112	0
375134	L3	12	0	09700101	0.000352	0.000112	0
375135	L3	12	0	09700101	0.000432	0.000112	0
375136	L3	12	0	09700101	0.000528	0.000112	0
375137	L3	12	0	09700101	0.000352	0.000112	0
375138	S1	0	17	47550101	0.000048	0.000144	0
Command: _____							
Enter-PF1---	PF2---	PF3---	PF4---	PF5---	PF6---	PF7---	PF8---
PF9---	PF10---	PF11---	PF12---				
Help	Sort	Exit			+		Menu

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
SEQUENCE	1							
CMD	2							
FILE	3							
RSP	4							
CID	5							
ADADURA	6							
CMDRESP	7							
IOS	8							

Report Options Selected

Defaults.

Report Processing Rules

NATAPPL EQ MYLOGON AND
NATPROG EQ MYPROG

Natural Summary Report

The Natural Summary report shows processing activity for a Natural application on a program-by-program basis.

10:57:09	NATURAL SUMMARY					2016-06-24
	10:56:59 2016-06-24 Thru 10:57:04 2016-06-24					
						Page: 1
NAT-App1	NAT-Pgm	File	Cmd	Total Num-of-IOs	Total Commands	Total Cmd-Resp
SYSREVDDB	N--FKEYW	0	RC	0	1	1.000000
	N--FKEYW	8	L3	0	1	1.000000
	N--RPROF	0	RC	0	2	2.000000
	N--RPROF	8	L3	0	2	2.000000
	N--UPROF	8	S1	0	2	2.000000
	N-NTFILE	8	S1	0	2	2.000000
	P-DBLR	0	RC	0	3	3.000000
	P-DBLR	8	L3	0	1	1.000000
	P-DBLR	8	S1	1	2	2.000000
	P-DBLR	33	S1	0	1	1.000000
	P-DBLS	0	RC	0	1	1.000000
	P-DBLS	8	L3	0	1	1.000000
	P-DBLS	8	S1	0	1	1.000000
Command: _____						
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---						
Help Sort Exit -- Rdsp + ==> Menu						

10:57:09	NATURAL SUMMARY										2016-06-24
10:56:59 2016-06-24 Thru 10:57:04 2016-06-24											
NAT-App1	Total ADA-Dur										

SYSREVDDB	1.048576										
	1.048576										
	2.097152										
	2.097152										
	2.097152										
	2.097152										
	3.145728										
	1.048576										
	2.097152										
	1.048576										
	1.048576										
	1.048576										
	1.048576										
Command: _____											
Enter-PF1---	PF2---	PF3---	PF4---	PF5---	PF6---	PF7---	PF8---	PF9---	PF10---	PF11---	PF12---
Help	Sort	Exit		--	Rdsp	+		<===		Menu	

This section covers the following topics:

- Fields Selected
- Report Options Selected
- Report Processing Rules

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
NATAPPL	1							
NATPROG	2							
FILE	3							
CMD	4							
IOS		Y						
COMMANDS		Y						
CMDRESP		Y						
ADADURA		Y						

Report Options Selected

Defaults.

Report Processing Rules

None.

Natural Transaction Trace Report

The Natural Transaction Trace report shows processing activity by transaction number using the TPTRANNM field. Data is broken down by Natural application and program name.

04:06:06		NATURAL TRANSACTION TRACE					2016-06-20	
		03:38:39 2016-06-20 Thru 04:05:15 2016-06-20					Page: 1	
Trans Nr	NAT-App1	NAT-Pgm	File	Cmd	Rsp	Total Commands		
140	SYS410DB	P-DBST	0	RC	0	1		
	SYS410DB	P-DBST	0	S1	17	1		
	SYS410DB	S-DBEXIT	0	ET	0	1		
*****	*****	*****	****	***	****	3		
141	SYS410DB	S-ST241	0	ET	0	1		
	SYS410DB	S-ST241	17	A1	0	2		
	SYS410DB	S-ST241	17	S4	0	2		
*****	*****	*****	****	***	****	5		
595	PAC13		15	L3	0	11		
*****	*****	*****	****	***	****	11		
596	PAC13		15	L3	0	11		
*****	*****	*****	****	***	****	11		
597	PAC13		0	RC	0	1		
Command: _____								
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---								
Help Sort Exit					+		Menu	

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
TPTRANNM	1							
NATAPPL	2							
NATPROG	3							
FILE	4							
CMD	5							
RSP	6							
COMMANDS		Y						

Report Options Selected

Defaults.

Report Processing Rules

None.

PRILOG Report

The PRILOG Report duplicates the information provided by the PRILOG program, which is supplied with Adabas and is used to print command logs.

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
SEQUENCE	1							
TIME	2							
DURATION	3							
CQJOB	4							
USERID	5							
CMD	6							
RSP	7							
CID	8							
FILE	9							
ISN	10							
THREAD	11							
PRI	12							
ASSOIO	13							

Report Options Selected

Defaults.

Report Processing Rules

None.

Rate of Commands and I/Os by Date Report

The Rate of Commands and I/Os by Date report calculates and displays the total and average rate of commands and I/Os by hour for a specific date.

12:30:37

RATE OF COMMANDS AND IOS BY DATE

2016-06-22

04:10:23 2016-06-20 Thru 12:29:51 2016-06-22

Page: 1

Date	Time	Total Num-of-I/Os	Total Commands	Rate Num-of-I/Os	Rate Commands
2016-06-20	04:00	0	41	0.0	0.0
*****	*****	0	41		
2016-06-22	12:00	0	174	0.0	0.0
*****	*****	0	174		
*****	*****	0	215		
***** E N D O F R E P O R T *****					

Command:

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---

Help Sort Exit -- + Menu ↵

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)

- Report Processing Rules

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
DATE	1							
HOUR	2							
I/Os		Y					Y	
COMMANDS		Y					Y	

Report Options Selected

MAX K = 16

Report Processing Rules

None.

Rate of Commands and I/Os by Hour Report

The Rate of Commands and I/Os by Hour report calculates and displays the total and average rate of commands and I/Os by hour.

12:32:48	RATE OF COMMANDS AND IOS BY HOUR				2016-06-22
	04:10:29 2016-06-20 Thru 12:32:14 2016-06-22				
					Page: 1
Time	Total Num-of-I/Os	Total Commands	Rate Num-of-I/Os	Rate Commands	
04:00	41	71	0.0	0.0	
05:00	2503	6040	0.7	1.7	
06:00	5189	12280	1.5	3.4	
07:00	3408	9674	1.0	2.8	
08:00	12024	39308	3.4	11.1	
09:00	10970	24753	9.9	22.3	
*****	34135	92126			
***** E N D O F R E P O R T *****					
Command: _____					
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---					
Help Sort Exit + Menu					

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
HOUR	1							
IOS		Y					Y	
COMMANDS		Y					Y	

Report Options Selected

Defaults.

Report Processing Rules

None.

Remote Physical Calltype

The Remote Physical Calltype report shows if an Adabas calls was issued as a standard "PHYSICAL" Adabas call or a "REMOTE" call arriving via Entire Net-Work.

13:55:25

REMOTE PHYSICAL CALLTYPE2020-02-212020-02-21 13:55:17 - 2020-02-21 13:55:24

Page: 1

DBID	Job	Call Type	User-Type
129	DAEFC0	PHYSICAL	COMPLETE
*****	*****	*****	*****
177	DAEFC0	PHYSICAL	COMPLETE
	HUB129	PHYSICAL	
*****	*****	*****	*****
11177	DAEFC0	PHYSICAL	COMPLETE
	DAEFNBS	PHYSICAL	BATCH
	HUB129	PHYSICAL	
	SDEPQA	PHYSICAL	
*****	*****	*****	*****
*****	*****	*****	*****
*****	E N D	O F	R E P O R T

Command: _____			
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---			
Help Sort Exit + Menu			

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)

■ Report Processing Rules

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
DBID	1							
JOBNAME	2							
CALLTYPE	3							
USERTYPE	4							

Report Options Selected

Defaults.

Report Processing Rules

None.

Schedule File Usage Report

The Schedule File Usage report returns the same fields as the [File Usage report](#) described above. However, the Schedule File Usage report is defined with scheduling report options.

Report Options Selected

```
Scheduling Active = N
Date/Time From   = TODAY      12:00
Date/Time To     = TODAY+7    12:00
Duration         = 10        M (Min/Hour/Day)
Interval         = 60        M (Min/Hour/Day)
```

Summary Report by File Report

The Summary Report by File shows Adabas processing activity by file number and file name. Within each file, command types are listed, showing the total number of this type of command, total and average I/Os, total and average Adabas thread processing time (ADADURA), and total and average command response time (CMDRESP).

12:34:51	SUMMARY REPORT BY FILE					2016-06-22
	04:10:37 2016-06-20 Thru 12:34:40 2016-06-22					
						Page: 1
File	File Name	Cmd	Total Num-of-IOs	Total Commands	Total ADA-Dur	
0		OP	0	1	0.096368	
		RC	0	24	0.002512	
*****	*****	***	0	25	0.098880	
50		L3	0	1	0.000000	
	?USER Reposito	L1	0	1	0.000288	
	?USER Reposito	L3	0	165	0.035312	
	?USER Reposito	S1	0	28	0.014752	
*****	*****	***	0	195	0.050352	
*****	*****	***	0	220	0.149232	
*****	E N D	O F	R E P O R T	*****		
Command: _____						
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---						
Help Sort Exit -- + ==> Menu ↵						

12:34:51	SUMMARY REPORT BY FILE					2016-06-22
	04:10:37 2016-06-20 Thru 12:34:40 2016-06-22					
File	Total Cmd-Resp	Avg Num-of-IOs	Avg ADA-Dur	Avg Cmd-Resp		
0	0.506112	0.000	0.096368	0.506112		
	0.043008	0.000	0.000104	0.001792		
	0.549120	0.000	0.003955	0.021964		
50	0.081920	0.000	0.000000	0.081920		
	0.704768	0.000	0.000288	0.704768		
	13.647872	0.000	0.000214	0.082714		
	3.218432	0.000	0.000526	0.114944		
	17.652992	0.000	0.000258	0.090528		
	18.202112	0.000	0.000678	0.082736		
Command: _____						
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---						
Help Sort Exit -- + <== Menu ↵						

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
FILE	1							
FILENAME	2							
CMD	3							
IOS		Y			Y			
COMMANDS		Y						
ADADURA		Y			Y			
CMDRESP		Y			Y			

Report Options Selected

```
AUTOSTART = Y  
MAX K = 8
```

Report Processing Rules

None.

Thread Activity Report

The Thread Activity report shows processing activity broken down for individual Adabas threads. Each thread number shows the total number of commands, the total and average number of I/Os, and the average amount of command processing time per command; i.e., the time the command spent in the command queue added to the Adabas command processing time (TOTDURA).

12:37:06	THREAD ACTIVITY				2016-06-22
	04:10:46	2016-06-20	Thru	12:36:44	2016-06-22
					Page: 1
Thread	Total Num-of-IOs	Total Commands	Avg Num-of-IOs	Avg Total-Dur	
1	12743	27843	0.457	0.011301	
2	470	1024	0.458	0.016938	
3	133	159	0.836	0.019639	
*****	13346	29026	0.459	0.011546	
*****	E N D	O F	R E P O R T	*****	
Command: _____					
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---					
Help Sort Exit + Menu					

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
THREAD	1							
IOS		Y			Y			
COMMANDS		Y						
TOTDURA					Y			

Report Options Selected

Defaults.

Report Processing Rules

None.

Thread Activity by Command Report

The Thread Activity by Command report breaks thread activity down into command types, then shows the total number of commands, the total and average number of I/Os per command, and the total and average amount of command processing time per command.

12:42:29

THREAD ACTIVITY BY COMMAND

2016-06-22

12:40:31 2016-06-22 Thru 12:42:13 2016-06-22

Page: 1

Thread	Cmd	Total Num-of-I/Os	Total Commands	Total Total-Dur	Total ADA-Dur
1	L3	0	18	65281.124466	0.002160
	RC	0	1	3840.066162	0.000144
	S1	0	36	138242.384728	0.008080
*****	***	0	55	207363.575356	0.010384
*****	***	0	55	207363.575356	0.010384
***** E N D O F R E P O R T *****					

Command:

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---

Help Sort Exit -- + ==> Menu ↵

12:42:29

THREAD ACTIVITY BY COMMAND

2016-06-22

12:40:31 2016-06-22 Thru 12:42:13 2016-06-22

Thread	Total CQ Dur	Avg Num-of-IOs	Avg Total-Dur	Avg ADA-Dur
1	65281.122306	0.000	3626.729137	0.000120
	3840.066018	0.000	3840.066162	0.000144
	138242.376648	0.000	3840.066242	0.000224
	207363.564972	0.000	3770.246824	0.000188
	207363.564972	0.000	3770.246824	0.000188

Command: _____

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---

Help Sort Exit -- + <=== ==> Menu ↵

12:42:29

THREAD ACTIVITY BY COMMAND

2016-06-22

12:40:31 2016-06-22 Thru 12:42:13 2016-06-22

Thread	Avg CQ Dur
1	3626.729017
	3840.066018
	3840.066018
	3770.246635
	3770.246635

Command: _____

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---

Help Sort Exit -- + <=== Menu ↵

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
THREAD	1							
CMD	2							
IOS		Y			Y			
COMMANDS		Y						
TOTDURA		Y			Y			
ADADURA		Y			Y			
CQDURA		Y			Y			

Report Options Selected

Defaults.

Report Processing Rules

None.

Transaction Count... Reports

For transaction numbers not equal to zero, the Transaction Count reports calculate and display the *total*:

- number of completed Adabas transactions for the user;
 - number of commands performed for the transactions;
 - number of I/Os performed for the transactions;
 - amount of command processing time; i.e., the time Adabas spent to process the command, and the time the command spent in the command queue;
 - amount of time spent by Adabas to process the command;
 - amount of time the command spent in the command queue.
- [Transaction Count by Job Report](#)
 - [Transaction Count by Job-NATAPPL Report](#)
 - [Transaction Count by Job-User Report](#)

- Transaction Count by Natural Report

Transaction Count by Job Report

The Transaction Count by Job report is an example of a transaction count report.

17:58:55	TRANSACTION COUNT BY JOB				2016-07-07
	04:50:58 2016-06-15 Thru 17:58:54 2016-06-15				
CQ-Job	Total Trans-Cnt	Total Commands	Total IOs	Total Total-Dur	
CICSPROD	35971	322386	169800	2751.100528	
CICSTEST	1352	19816	8503	377.155664	
USER1	1387	19958	10718	412.490496	
USER2	59	604	192	5.377152	
BATCHJOB	4	123	53	1.454592	
TSOUSER3	4	144	104	3.208336	
*****	38777	363031	189370	3550.786768	
*****	E N D	O F	R E P O R T	*****	
Command: _____					
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---					
Help Sort Exit			+		==> Menu

This section covers the following topics:

- Fields Selected
- Report Options Selected
- Report Processing Rules

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
CQJOB	1							
TPTRANCT		Y						
COMMANDS		Y						
IOS		Y						
TOTDURA		Y						
ADADURA		Y						
CQDURA		Y						

Report Options Selected

Defaults.

Report Processing Rules

TPTRANNM NE 0

Transaction Count by Job-NATAPPL Report

The Transaction Count by Job-NATAPPL report includes and sorts the transaction count report by job and Natural application name.

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
CQJOB	1							
NATAPPL	2							
TPTRANCT		Y						
COMMANDS		Y						
IOS		Y						
TOTDURA		Y						
ADADURA		Y						
CQDURA		Y						

Report Options Selected

Defaults.

Report Processing Rules

TPTRANNM NE 0

Transaction Count by Job-User Report

The Transaction Count by Job-User report includes and sorts the transaction count report by job and TP monitor user ID.

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
CQJOB	1							
TPUSERID	2							
TPTRANCT		Y						
COMMANDS		Y						
IOS		Y						
TOTDURA		Y						
ADADURA		Y						
CQDURA		Y						

Report Options Selected

Defaults.

Report Processing Rules

TPTRANNM NE 0

Transaction Count by Natural Report

The Transaction Count by Job-User report includes and sorts the transaction count report by Natural application name and program name.

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
NATAPPL	1							
NATPROG	2							
TPTRANCT		Y						
COMMANDS		Y						
IOS		Y						
TOTDURA		Y						
ADADURA		Y						
CQDURA		Y						

Report Options Selected

Defaults.

Report Processing Rules

```
TPTRANNM  NE  0
```

Transaction Detailed Information Report

The Transaction Detailed Information report displays detailed processing information, by transaction number, for each transaction not equal to zero.

The processing rule “TPTRANNM NE 0” ensures that the transaction number will not be equal to zero.

Here is a sample report:

10:01:46

TRANSACTION DETAILED INFORMATION

2016-07-07

09:54:54 2016-06-26 Thru 09:56:18 2016-06-26

Trans Nr	Seq	TPUserid	Cmd	File	Rsp	IOs	ADA-Dur
87	50967	USER1	RC	0	0	0	0.000080
*****	*****	*****	***	****	****	*****	*****
88	50968	USER1	S4	17	0	0	0.000320
	50969	USER1	A1	17	0	0	0.000288
	50970	USER1	S4	17	0	0	0.000464
	50971	USER1	A1	17	0	0	0.002064
	50972	USER1	ET	0	0	1	0.000064
*****	*****	*****	***	****	****	*****	*****
89	51005	USER2	S4	17	0	0	0.000384
	51006	USER2	A1	17	0	0	0.000400
	51007	USER2	S4	17	0	0	0.000288
	51008	USER2	A1	17	0	1	0.031280
	51009	USER2	ET	0	0	1	0.000064

Command:

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---

Help Sort Exit

+

==> Menu

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
TPTRANNM	1							
SEQUENCE	2							
TPUSERID	3							
CMD	4							
FILE	5							
RSP	6							
IOS	7							
ADADURA	8							
CMDRESP	9							
CQJOB	10							
COMMANDS	11							

Report Options Selected

MAX K = 32

Report Processing Rules

TPTRANNM NE 0

Transaction Summary by User Report

Similar to the Transaction Count reports, the Transaction Summary by User calculates and displays information about a user's TP transaction for transaction numbers not equal to zero.

The processing rule “TPTRANNM NE 0” ensures that the transaction number will not be equal to zero.

Here is a sample report:

10:02:16		TRANSACTION SUMMARY BY USER			2016-07-07
		09:55:25 2016-06-26 Thru 10:01:21 2016-06-26			
		Total	Total	Total	
TPUserid	Trans Nr	Ios	Commands	Total-Dur	

USER1	654	4	4	0.048944	
	655	11	11	0.218096	
	656	2	4	0.048512	
*****	*****	17	19	0.315552	
USER2	552	12	9	0.211936	
	553	4	3	0.108320	
	554	3	1	0.105456	
	555	4	2	0.103792	
	556	4	2	0.125264	
	557	3	3	0.076016	
	558	0	3	0.005376	
*****	*****	30	23	0.736160	
USER3	2280	5	11	0.100288	
Command: _____					
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---					
Help Sort Exit			+>		Menu

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)

- Report Processing Rules

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
TPUSERID	1							
TPTRANNM	2							
IOS		Y						
COMMANDS		Y						
TOTDURA		Y						
ADADURA		Y						
CQDURA		Y						

Report Options Selected

MAX K = 16

Report Processing Rules

TPTRANNM NE 0

Who is Using Natural? Report

The Who is Using Natural? report shows processing activity broken down by the individual user. Users are identified by their TP user ID.

10:51:51 WHO IS USING NATURAL 2016-06-24
 10:51:40 2016-06-24 Thru 10:51:50 2016-06-24
 Page: 1

TPUserid	NAT-Appl	NAT-Pgm	File	Cmd	Total Num-of-IOs	Total Commands
XXX	SYSREVD	B N-CHKMN	0	RC	0	8
	SYSREVD	B N-CHKMN	8	L3	0	8
	SYSREVD	B N-CHKMN	8	S1	0	8
	SYSREVD	B N-NTFILE	8	S1	0	2
	SYSREVD	B P-DBER	0	RC	0	5
	SYSREVD	B P-DBER	8	L3	0	5
	SYSREVD	B P-DBER	8	S1	0	6
	SYSREVD	B P-DBLR	0	RC	0	3
	SYSREVD	B P-DBLR	8	L3	0	1
	SYSREVD	B P-DBLR	8	S1	0	1
	SYSREVD	B P-DBLR	33	L3	0	36
	SYSREVD	B P-DBLS	0	RC	0	1
	SYSREVD	B P-DBLS	8	L3	2	1

Command: _____
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
 Help Sort Exit -- Rdsp + ==> Menu

10:51:51 WHO IS USING NATURAL 2016-06-24
 10:51:40 2016-06-24 Thru 10:51:50 2016-06-24

TPUserid	Total Cmd-Resp	Total ADA-Dur
XXX	8.000000	8.388608
	8.000000	8.388608
	8.000000	8.388608
	2.000000	2.097152
	5.000000	5.242880
	5.000000	5.242880
	6.000000	6.291456
	3.000000	3.145728
	1.000000	1.048576
	1.000000	1.048576
	36.000000	37.748736
	1.000000	1.048576
	1.000000	1.048576

Command: _____
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
 Help Sort Exit -- Rdsp + <== Menu ↵

This section covers the following topics:

- Fields Selected
- Report Options Selected
- Report Processing Rules

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
TPUSERID	1							
NATAPPL	2							
NATPROG	3							
FILE	4							
CMD	5							
IOS		Y						
COMMANDS		Y						
CMDRESP		Y						
ADADURA		Y						

Report Options Selected

Defaults.

Report Processing Rules

None.

Who Uses SYSMAIN? Report

The Who Uses SYSMAIN? report shows jobs which are using SYSMAIN. The job name is shown, listing the individual users, denoted by the user's TP user ID.

The report processing rule "NATAPPL EQ SYSMAIN" assures that only jobs using SYSMAIN are shown. This processing rule may be modified to equal any Natural application name.

Here is a sample report:

```

10:05:06                                WHO USES SYSMAIN                                2016-07-07
                                09:57:38 2016-06-26 Thru 09:57:41 2016-06-26
                                Total      Total      Total
                                Cmd-Resp   Commands   IOs
-----
COMPLETE  USER1      0      0.000784      48      1
           USER1     15      0.000672      6      2
           USER1     16      0.000304      3      7
           USER1     17      0.011056     105     70
           USER1     18      0.001280      6     10
*****  *****  ****      0.014096     168     90
*****  *****  ****      0.014096     168     90
*****  E N D    O F    R E P O R T  *****

Command: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Sort  Exit                                +                      ==>  Menu

```

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
CQJOB	1							
TPUSERID	2							
FILE	3							
CMDRESP		Y						
COMMANDS		Y						
IOS		Y						
ADADURA		Y						

Report Options Selected

Defaults.

Report Processing Rules

NATAPPL EQ SYSMAIN

Worst Calls... Reports

The six Worst Calls reports list and calculate information about the 100 “worst” Adabas calls. Each report rates its commands according to certain criteria:

Worst Calls by ...	Selects the 100 calls that ...
ADADURA	required the most Adabas processing time, and calculates a total for Adabas processing time.
CQDURA	spent the longest time in the command queue, and calculates a total for command queue duration.
DESCUPD	required the most descriptor updates, and calculates the total number of descriptor updates.
IOS	caused the most I/O operations to be performed, and calculates the total number of I/Os.
ISNQ	required the most ISNs, and calculates the total number of ISNs.
TOTDURA	required the longest processing time (i.e., time in the command queue and Adabas processing time) and calculates a total for processing time.

- [Worst Calls by ADADURA Report](#)
- [Worst Calls by CQ DURA Report](#)
- [Worst Calls by DESC UPD Report](#)
- [Worst Calls by IOs Report](#)
- [Worst Calls by ISN QUAN Report](#)
- [Worst Calls by TOTDURA Report](#)

Worst Calls by ADADURA Report

The Worst Calls by ADADURA report is an example of a Worst Calls report.

- Fields Selected
- Report Options Selected
- Report Processing Rules

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
SEQUENCE	1							
CQJOB	2							
TPUSERID	3							
NATAPPL	4							
NATPROG	5							
CMD	6							
FILE	7							
ADADURA	8	Y						
IOS	9							
CMDRESP	10							
COMMANDS		Y						

Report Options Selected

DISPLAY BY = SUMFIELD
ENTRIES = 100

Report Processing Rules

None.

Worst Calls by CQ DURA Report

The Worst Calls by CQ DURA report is an example of a Worst Calls report.

***** ***** ***** ***** ***** ***** ***** *****

```
Command: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Sort  Exit              --      Rdsp  +                  ==>  Menu
```

```
***** 0.001008
```

```
Command: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Sort  Exit                --   Rdsp   +           <===       Menu
```

Adabas Review Reference

- Fields Selected
- Report Options Selected
- Report Processing Rules

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
SEQUENCE	1							
CQJOB	2							
TPUSERID	3							
NATAPPL	4							
NATPROG	5							
CMD	6							
FILE	7							
CQDURA	8	Y						
ADADURA	9							
IOS	10							

Report Options Selected

DISPLAY BY = SUMFIELD
ENTRIES = 100

Report Processing Rules

None.

Worst Calls by DESC UPD Report

The Worst Calls by DESC UPD report is an example of a Worst Calls report.

```

12:12:17                                WORST CALLS BY-> DESC UPD                                2016-06-24
12:12:16 2016-06-24 Thru 12:12:16 2016-06-24
Page: 1

Sequence      CQ-Job      TPUserid    NAT-App1    NAT-Pgm    Cmd    File      Desc-Upd
-----
585 XXX      XXX      SYSREVDDB  SR-00015  V4      0      0
584 XXX      XXX      SYSREVDDB  P-DBVWRT  RC      0      0
583 XXX      XXX      SYSREVDDB  P-DBVWRT  RC      0      0
582 XXX      XXX      SYSREVDDB  P-DBVWRT  L3      8      0
581 XXX      XXX      SYSREVDDB  P-DBVWRT  S1      8      0
580 XXX      XXX      SYSREVDDB  USR1029N  RC      0      0
579 XXX      XXX      SYSREVDDB  USR1029N  L3      8      0
578 XXX      XXX      SYSREVDDB  USR1029N  S1      8      0
577 XXX      XXX      SYSREVDDB  NAT00060  RC      0      0
*****
*****      E N D      O F      R E P O R T      *****
Command:
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
Help Sort Exit      --      Rdsp      +      ==>      Menu

```

```

12:12:17                                WORST CALLS BY-> DESC UPD                                2016-06-24
12:12:16 2016-06-24 Thru 12:12:16 2016-06-24

Sequence      ADA-Dur      Num-of-IOs      Total      Total
               |              |              Desc-Upd      Commands
-----|-----|-----|-----|-----
585            0.000000            0            0            1
584            0.000117            0            0            1
583            0.000100            0            0            1
582            0.000481            0            0            1
581            0.007516            0            0            1
580            0.000493            0            0            1
579            0.003002            0            0            1
578            0.000925            0            0            1
577            0.000040            0            0            1
*****          *****          0            9

Command: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Sort  Exit      --      Rdsp  +      <===      Menu

```

This section covers the following topics:

- Fields Selected
- Report Options Selected
- Report Processing Rules

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
SEQUENCE	1							
CQJOB	2							
TPUSERID	3							
NATAPPL	4							
NATPROG	5							
CMD	6							
FILE	7							
DESUPD	8	Y						
ADADURA	9							
IOS	10							
COMMANDS		Y						

Report Options Selected

DISPLAY BY = SUMFIELD
ENTRIES = 100

Report Processing Rules

None.

Worst Calls by IOs Report

The Worst Calls by IOs report is an example of a Worst Calls report.

12:20:02	WORST CALLS BY-> IOS						2016-06-24
	12:19:53 2016-06-24 Thru 12:20:01 2016-06-24						
							Page: 1
Sequence	CQ-Job	TPUserid	NAT-Appl	NAT-Pgm	Cmd	File	Num-of-IOS
767	XXX	XXX	SYSREVD	SR-00017	V4	0	0
766	XXX	XXX	SYSREVD	P-DBVWR	RC	0	0
765	XXX	XXX	SYSREVD	P-DBVWR	RC	0	0
764	XXX	XXX	SYSREVD	P-DBVWR	L3	8	7
763	XXX	XXX	SYSREVD	P-DBVWR	S1	8	0
762	XXX	XXX	SYSREVD	USR1029	RC	0	0
761	XXX	XXX	SYSREVD	USR1029	L3	8	0
760	XXX	XXX	SYSREVD	USR1029	S1	8	0

***** E N D O F R E P O R T *****							
Command: _____							
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---							
Help Sort Exit -- Rdsp + ==> Menu							

12:20:02		WORST CALLS BY-> IOS			2016-06-24	
12:19:53 2016-06-24 Thru 12:20:01 2016-06-24						
Sequence	ADA-Dur	Cmd-Resp	Total Num-of-IOS	Total Commands		
767	0.000000	0.000000	0	1		
766	0.000096	0.007250	0	1		
765	0.000211	0.012875	0	1		
764	0.026738	1.184625	7	1		
763	0.000160	0.095125	0	1		
762	0.000620	0.004750	0	1		
761	0.000252	0.175750	0	1		
760	0.000708	0.087625	0	1		
*****			7	8		
Command: _____						
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---						
Help Sort Exit		--	Rdsp +	<===	Menu	

This section covers the following topics:

- Fields Selected
- Report Options Selected
- Report Processing Rules

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
SEQUENCE	1							
CQJOB	2							
TPUSERID	3							
NATAPPL	4							
NATPROG	5							
CMD	6							
FILE	7							
IOS	8	Y						
ADADURA	9							
CMDRESP	10							
COMMANDS		Y						

Report Options Selected

DISPLAY BY = SUMFIELD
ENTRIES = 100

Report Processing Rules

None.

Worst Calls by ISN QUAN Report

The Worst Calls by ISN QUAN report is an example of a Worst Calls report.

- Fields Selected
- Report Options Selected
- Report Processing Rules

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
SEQUENCE	1							
CQJOB	2							
TPUSERID	3							
NATAPPL	4							
NATPROG	5							
CMD	6							
FILE	7							
ISNQ	8	Y						
ADADURA	9							
IOS	10							
COMMANDS		Y						

Report Options Selected

DISPLAY BY = SUMFIELD
ENTRIES = 100

Report Processing Rules

None.

Worst Calls by TOTDURA Report

The Worst Calls by TOTDURA report is an example of a Worst Calls report.

- Fields Selected
- Report Options Selected
- Report Processing Rules

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
SEQUENCE	1							
TPUSERID	2							
NATPROG	3							
CMD	4							
TOTDURA	5	Y						
ADADURA	6							
CQDURA	7							
FILE	8							
CQJOB	9							
NATAPPL	10							
COMMANDS		Y						

Report Options Selected

DISPLAY BY = SUMFIELD
ENTRIES = 100

Report Processing Rules

None.

Worst Transactions... Reports

The three Worst Transactions reports list and calculate information about the 100 worst transactions. Each report rates its transactions according to certain criteria:

Worst Transactions by ...	Selects the 100 transactions that ...
Calls	issued the most Adabas calls.
Duration	required the most Adabas processing time, including time spent in the command queue.
IOS	caused the most I/O operations to be performed.

The number of transactions shown can be varied from 100, by changing the “ENTRIES=” option to any number desired. For example, “ENTRIES=50” displays the 50 worst transactions.

- [Worst Transactions by Calls Report](#)
- [Worst Transactions by Duration Report](#)
- [Worst Transactions by IOs Report](#)

Worst Transactions by Calls Report

The report Worst Transactions by Calls report is an example of a Worst Transactions report.

```
12:47:50                                WORST TRANSACTIONS BY CALLS                                2016-06-24
                                12:45:38 2016-06-24 Thru 12:47:49 2016-06-24
                                                                                               Page:    1
Trans Nr   TPUserid NAT-Appl   Total          Total          Total
          TPUserid NAT-Appl   Num-of-IOs      Commands      Total-Dur
-----
          0 XXX      SYSREVDDB          9           56       0.053288
***** ***** *****
          9           56       0.053288
*****
*****  E N D    O F    R E P O R T    *****

Command: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Sort  Exit          --      Rdsp  +          ==>  Menu
```

```

12:47:50                                WORST TRANSACTIONS BY CALLS                                2016-06-24
                                12:45:38 2016-06-24 Thru 12:47:49 2016-06-24

Trans Nr          Total          Total
                ADA-Dur         CQ Dur
-----
                0          0.036936      0.016352
                        0.036936      0.016352

Command: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Sort  Exit          --      Rdsp  +          <===          Menu

```

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
TPTRANNM	1							
TPUSERID	2							
NATAPPL	3							
IOS		Y						
COMMANDS		Y						
TOTDURA		Y						
ADADURA		Y						
CQDURA		Y						

Report Options Selected

DISPLAY BY = USAGE
ENTRIES = 100

Report Processing Rules

None.

Worst Transactions by Duration Report

The report Worst Transactions by Duration report is an example of a Worst Transactions report.

12:52:32

WORST TRANSACTIONS BY DURATION

2016-06-24

12:52:20 2016-06-24 Thru 12:52:31 2016-06-24

Page: 1

Trans Nr	TPUserid	NAT-Appl	Total Total-Dur	Total Commands	Total Num-of-IOs
0 XXX		SYSREVDDB	0.075285	50	9
*****	*****	*****	0.075285	50	9
***** E N D O F R E P O R T *****					

Command:

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---

Help Sort Exit -- Rdsp + ==> Menu

Report Options Selected

DISPLAY BY = SUMFIELD
ENTRIES = 100

Report Processing Rules

None.

Worst Transactions by IOs Report

The report Worst Transactions by IOs report is an example of a Worst Transactions report.

12:56:58

WORST TRANSACTIONS BY IOS

2016-06-24

12:56:48 2016-06-24 Thru 12:56:58 2016-06-24

Page: 1

Trans Nr	TPUserid	NAT-Appl	Total Num-of-IOs	Total Commands	Total Total-Dur
0 XXX		SYSREVDDB	9	71	0.054694
*****	*****	*****	9	71	0.054694
***** E N D O F R E P O R T *****					

Command:

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---

Help Sort Exit -- Rdsp + ==> Menu

```

12:56:58                                WORST TRANSACTIONS BY IOS                                2016-06-24
                                12:56:48 2016-06-24 Thru 12:56:58 2016-06-24

Trans Nr          Total          Total
                ADA-Dur        CQ Dur
-----
                0          0.042710      0.011984
                        0.042710      0.011984

Command: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Sort  Exit          --      Rdsp  +          <===          Menu

```

This section covers the following topics:

- [Fields Selected](#)
- [Report Options Selected](#)
- [Report Processing Rules](#)

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
TPTRANNM	1							
TPUSERID	2							
NATAPPL	3							
IOS		Y						
COMMANDS		Y						
TOTDURA		Y						
ADADURA		Y						
CQDURA		Y						

Report Options Selected

DISPLAY BY = SUMFIELD
ENTRIES = 100

Report Processing Rules

None.

ZIIP Usage Per Command

The ZIIP Usage Per Command report shows if an Adabas call was issued from an Adabas client or application, which is running on a zIIP processor when calling Adabas.

14:43:02

ZIIP USAGE PER COMMAND2020-02-212020-02-21 14:42:55 - 2020-02-21 14:43:01

Page: 1

Date	TIME	DBID	Cmd	ZP	Job
2020-02-21	14:42:55	177	S1	Z	DAEFCO
	14:42:55	11177	L3	Z	DAEFCO
	14:42:55	11177	RC	Z	DAEFCO
	14:42:57	129	V4	Z	DAEFCO
	14:42:57	177	S1	Z	DAEFCO
	14:42:57	177	V4		HUB129
	14:42:57	11177	V4		HUB129
	14:42:59	129	V4	Z	DAEFCO
	14:42:59	177	RC	Z	DAEFCO
	14:42:59	11177	L3	Z	DAEFCO
	14:42:59	11177	RC	Z	DAEFCO
	14:43:01	129	V4	Z	DAEFCO
	14:43:01	177	RC	Z	DAEFCO
	14:43:01	177	S1	Z	DAEFCO
	14:43:01	11177	L3	Z	DAEFCO
	14:43:01	11177	RC	Z	DAEFCO
	14:43:01	11177	S1	Z	DAEFCO
*****	*****	*****	***	**	*****
*****	*****	*****	***	**	*****
*****	E N D	O F	R E P O R T	*****	
Command: _____					
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---					
Help Sort Exit				+	Menu

This section covers the following topics:

- Fields Selected
- Report Options Selected
- Report Processing Rules

Fields Selected

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
DATE	1							
TIME	2							
DBID	3							
CMD	4							
ZIIP	5							
JOBNAME	6							

Report Options Selected

Defaults.

Report Processing Rules

None.

5

Summary Record Layout

■ The Header Portion	432
■ The Schema Portion	433
■ The Data Portion	434
■ Calculating the Number of Summary Records That Can Be Stored	435

This chapter describes the format of the summary records copied to a sequential output file.



Note: Software AG does not provide a program that reads this file. However, DSECT samples are supplied in members SUMRECD, SUMRECH and SUMRECS of the source library for users who wish to write their own programs to read this data.

The Header Portion

A fixed-length header is created for each record written to the sequential file. The format of the header is described in the following table:

Offset		Length Bytes	Format	Explanation
Hex	Decimal			
0	0	2	Binary	Record Length
2	2	2	Binary	X'0000'
4	4	3	Alphanumeric	Eye catcher "SUM"
7	7	1	Alphanumeric	Record type "H" for header
8	8	32	Alphanumeric	Report name
28	40	8	Binary	STCK value when record gets written
30	48	1	Binary	Flag of trigger event: X'01' -- report is closed or suspended X'02' -- time interval reached X'04' -- trigger command executed X'08' -- report is closed and restarted
31	49	1	Binary	Unused
32	50	10	Alphanumeric	Date of first record (YYYY-MM-DD)
3C	60	8	Alphanumeric	Time of first record (HH:MM:SS)
44	68	10	Alphanumeric	Date of last record (YYYY-MM-DD)
4E	78	8	Alphanumeric	Time of last record (HH:MM:SS)
56	86	2	Binary	Database ID
58	88	2	Binary	Offset to data record
5A	90	6	Binary	Unused

The Schema Portion

This portion of the summary record varies, depending upon the fields used in the report. The schema describes the layout of the field data which follows afterwards. The format of the schema portion of the summary record is shown in the following table:

Offset		Length Bytes	Format	Explanation
Hex	Decimal			
60	96	2	Binary	Record Length
62	98	2	Binary	X'0000'
64	100	3	Alphanumeric	Eye catcher "SUM"
67	103	1	Alphanumeric	Record type "S" for schema
68	106	6	Binary	Unused
6E	104	2	Binary	Total number of fields
Varies +00	Varies +0	8	Alphanumeric	Field name (see the Field Reference , elsewhere in this guide) ¹
+08	+8	2	Binary	Data length
+0A	+10	2	Binary	Number of decimal places. For example, the ADADURA field is displayed in seconds, with six digits after the decimal point. A value of "1.234567" is stored in the data portion of the summary log's summary record as the hexadecimal value x'0012D687. In the summary log schema, the number of decimal places is 6.
+0C	+12	1	Alphanumeric	Data format: C'B' -- binary X'C' -- character Note: The data format for the DATE field is X'C' (character) for its MIN and MAX values and it is eight bytes long. It contains the date in YYYYMMDD format without any delimiters.
+0D	+13	1	Alphanumeric	Field type: C'A' -- Account field C'C' -- COST field C'M' -- MIN (minimum) field C'P' -- PCT (percent) field C'R' -- RATE field C'S' -- SUM (summary) field C'V' -- AVG (average) field C'X' -- MAX (maximum) field

Offset		Length Bytes	Format	Explanation
Hex	Decimal			
				The COST, MIN, PCT, RATE, SUM, AVG, and MAX fields always have a data length of eight (8) bytes.

¹ The following fields use alternate names than the one listed in the field reference list.

Field Name in the Field Reference	Field Name in the Summary Record
ADDIT _x	ADD _x
FILE	FNR
IOS	IO
NATAPPL	LOG
NATPROG	PRO
NUCID	SMP

Determining the Format of the Variable Portion

➤ To determine the format of the variable portion of the record:

- Refer to the report definition for each field (including virtual fields such as summary fields). Twelve bytes in total are reserved for the field name, the data length, the format of the field, and the field type.

The Data Portion

This portion of the summary record varies, depending upon the fields used in the report. The data portion contains the contents of the fields that are described in the [schema portion](#). The format of the data portion of the summary record is shown in the following table:

Offset		Length Bytes	Format	Explanation
Hex	Decimal			
Varies +0	Varies +0	2	Binary	Record Length
+2	+2	2	Binary	X'0000'
+4	+4	3	Alphanumeric	Eye catcher "SUM"
+7	+7	1	Alphanumeric	Record type "D" for data
+8	+8	Varies	Binary/alphanumeric	Data portion for all fields, as defined in the schema portion .

Determining the Format of the Variable Portion

➤ To determine the format of the variable portion of the record:

- Refer to the [schema portion](#) of this record. For each report field, the data length and format are stored.

Calculating the Number of Summary Records That Can Be Stored

To determine the number of summary records that can be stored on the summary log file, the size of the summary record and the specified block size must be taken into consideration.

The record size of a summary log record can be calculated using the summary record layout described elsewhere in this section. In the following examples, the size of the summary log record is 182 bytes. So the bytes user for one summary record is 186 bytes: $182 + 4$ (record length).

Example 1: 3390 Device with Block Size of 10.000

- Available bytes per block: $9.996 = 10.000 - 4 = (4\text{-byte block length})$
- Records per block: $53 = 9.996/186 = \text{Trunc}(53,74)$
- Blocks per track: $5 = 57000/10.000 = \text{Trunc}(5,7)$
- Tracks per cylinder: 15
- Records per cylinder: $3975 = 53 * 5 * 15$

Example 2: 3390 Device with Block Size of 27.998

- Available bytes per block: $27.994 = 27.998 - 4 = (4\text{-byte block length})$
- Records per block: $150 = 27.994/186 = \text{Trunc}(150,5)$
- Blocks per track: $2 = 57000/27.994 = \text{Trunc}(2,03)$
- Tracks per cylinder: 15
- Records per cylinder: $4500 = 150 * 2 * 15$

Comparing these two examples, we see that you can store 525 more records per cylinder when using a larger block size ($4500 - 3975 = 525$).

6

User Exit Reference

■ P-UEXIT1, P-UEXIT2 and P-UEXIT3: Review Natural User Exits	438
■ REVUEX1: User Field User Exit	439
■ REVUEX5: Adabas Review Hub Event Handler (Adabas Exit 5)	441
■ REVUXDET: Report Exit for Detailed Reports	443
■ REVUXLOG: Command, Summary, or Raw Logging User Exit	444
■ REVUXSUM: Report Exit for Summary Reports	445

This chapter describes the user exits provided with Adabas Review.

Additional Adabas Review programs, the RVCALL programs, are provided for you to use to perform Adabas Review SYSREVDDB (online) functions from your own Natural programs. For information about these programs, read *Performing Adabas Review Online Functions from Natural Programs*, in the *Adabas Review Administration Guide*.



Caution: Sample user exits and programs are not supported under any maintenance contract agreement.

P-UEXIT1, P-UEXIT2 and P-UEXIT3: Review Natural User Exits

Adabas Review has three Natural user exits. These exits are located in the Adabas Review system library in Natural, and may be modified using the Natural editor.

- P-UEXIT1 is invoked when the online portion of Adabas Review (SYSREVDDB) is entered. A possible use for this user exit might be the setting of customer-specific colors or switching the PC mode on or off.



Important: The P-UEXIT1 user exit that is called when SYSREVDDB is entered must not alter the Natural stack; it must end with a `STOP` command.

- P-UEXIT2 is invoked when PF12 is clicked on the Main Menu or when a termination command (such as `FIN`, `QUIT`, or `LOGON`) is entered on the command line of the Main Menu of SYSREVDDB. When PF12 is clicked or a termination command is entered, the Natural system variable `*COM` contains the string "PF12 FROM MAIN MENU". When delivered, P-UEXIT2 performs no function at all. A possible use case for this user exit is the automatic logon to another Natural application.
- P-UEXIT3 is invoked when PF3 is clicked on the Main Menu or when the `EXIT` command is entered on the command line of the Main Menu of SYSREVDDB. When PF3 is clicked or the `EXIT` command is entered, the Natural system variable `*COM` contains the string "PF3 FROM MAIN MENU".

The normal Adabas Review behavior for PF3 or the `EXIT` command from the Main Menu is to leave SYSREVDDB and log the user into a private Natural environment set up for that user. You can use P-UEXIT3 to alter this behavior, possibly when your users have no private Natural environments established. When delivered, P-UEXIT3 performs no function at all.



Note: If your P-UEXIT3 code returns the user to SYSREVDDB after the exit completes, the normal Adabas Review PF3 behavior will be invoked. If this is not what you want to happen, make sure that the exit does not return to SYSREVDDB implicitly or with the `ESCAPE MODULE`.

REVUEX1: User Field User Exit

REVUEX1 is called from the ADALNK REVEXIT. Using this user exit you can provide user-specific data to be passed to Adabas Review. To do this, move the desired data into a 100-byte area in the RUBX. An address to this area is provided in the parameters passed to the REVUEX1 exit. The RUBX area is the area where link-relevant information is passed to Adabas Review. Once the user exit is processed, this user-specific data can be viewed in Adabas Review reports using a user field that accesses the Adabas Review field RDBLKUSR.

The user fields do only support binary and alphanumeric input types. The REVUEX1 is responsible to provide the right format in the area which will be transferred and later used in the Review nucleus. In case a wrong format, for example a value in packed format, is provided this might result in a not expected output value.



Note: For the definition of the user field, the RDBLKUSR field name must be specified as source field.

- [Installation Steps](#)
- [Input Parameters Passed to the Exit](#)
- [Other Register Values at Entry to the Exit](#)
- [Viewing the User-Specific Data in a Report](#)



Important: If an ADALNK batch link routine has been linked or modified by Software AG product modules or user exits, it cannot be used in any application startups of Adabas utility jobs or Adabas, Entire System Server, Adabas Review Hub, or Entire Net-Work nuclei.

Installation Steps

➤ The following installation steps must be completed to activate the user field user exit:

- 1 Customize REVUEX1 as needed. Sample source for the exit can be found in the Adabas Review source (SRCE) library. For information about parameters passed to the exit, read [Parameters Passed to the Exit](#), elsewhere in this section.



Note: The name REVUEX1 cannot be changed.

If you want to customize REVUEX1 under CICS, you may customize member REVUEX1C.

- 2 Assemble REVUEX1. A sample assembly job for the user exit, AREVUEX1, is provided in the Adabas Review jobs (JOBS) library. ASMUEX1C can be used to assemble REVUEX1C.
- 3 Link REVUEX1 with the Adabas Review ADALNK REVEXIT. A sample job, LREVUEX1, is provided in the Adabas Review jobs (JOBS) library.

- 4 Link the Review ADALNK REVEXIT with the Adabas link routines. Sample jobs with names in the form LREVL_{xxx} can be found in the Adabas Review jobs (JOBS) library.

Input Parameters Passed to the Exit

Input parameters for the exit are expected in the following registers:

Register	Parameter
1	Address of the user parameter list (for example, ACB,RB,FB).
2	Address of the user field data that can be modified. One hundred (100) bytes are reserved for the user field data.

Other Register Values at Entry to the Exit

Register	Description
13	Save area of calling ADALNK routine
14	Return address to ADALNK routine
15	Entry point address for the user exit

Viewing the User-Specific Data in a Report

To view the user-specific data in a report, specify a user field with following definition:

```
NAME=YCHOOSE
LEN=70
INTYPE=C
OUTTYPE=C
FIELD=RDBLKUSR
DISPLEN=70
HEADER=YCHOOSE
NAME=YCHOOSE1
LEN=30
INTYPE=C
OUTTYPE=C
FIELD=RDBLKUSR+70
DISPLEN=30
HEADER=YCHOOSE1
```

The RDBLKUSR user field name cannot be changed; it is reserved for use with REVUEX1 (user field exit).

REVUEX5: Adabas Review Hub Event Handler (Adabas Exit 5)

User exit 5 is called by the Adabas nucleus when an *event* occurs with the Adabas Review hub. User exit 5 must be specified in ADARUN parameter UEX5 in the Adabas nucleus startup job. An event is defined as:

- a connection made with the Adabas Review hub during Adabas session open;
- a connection ended with the Adabas Review hub during Adabas session close; or
- a non-zero return code received from the send operation for a command log record. When buffering is active, this return code is provided once for a whole buffer and it is possible that only parts of the buffer were not transferred correctly.

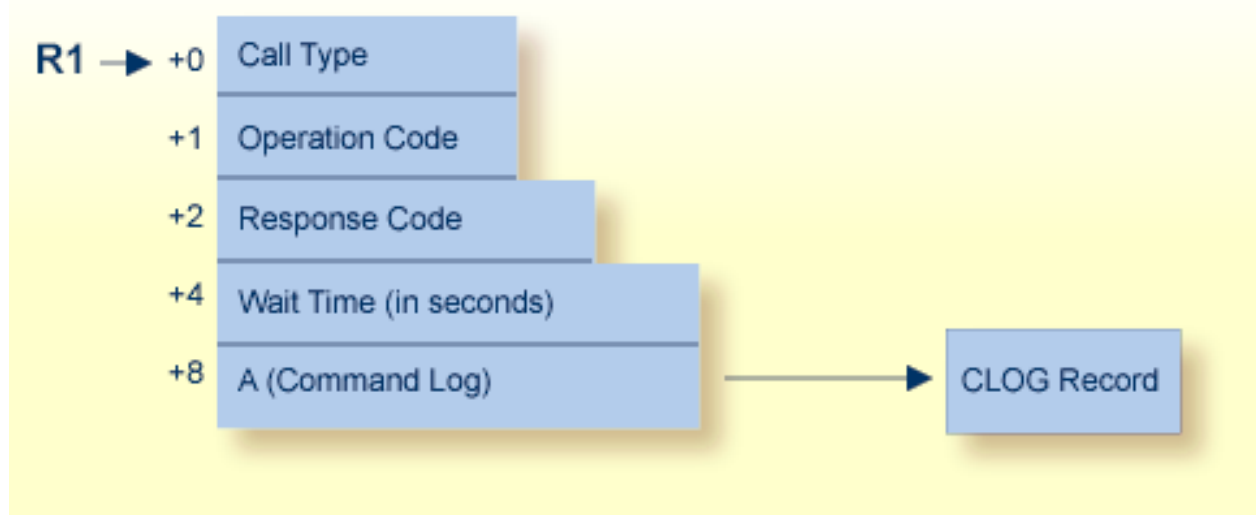
The exit is invoked with AMODE=31 and should return control in the same state.

The exit is required to process logging errors. It determines how the failure is handled. The parts of the buffer that were not logged and the response code received from the Adabas Review hub logging request are provided to assist in making the determination.

- [Input Parameters](#)
- [Output Parameters](#)

Input Parameters

On entry, register 1 points to the following parameter list:



Parameter	Usage
0(R1)	Exit call indication. The value of this byte can be: <ul style="list-style-type: none"> ■ "O" -- connection with Adabas Review hub opened; ■ "C" -- connection with Adabas Review hub closed; or ■ "L" -- sending logging error to Adabas Review hub.
1(R1)	Action to handle a logging error (ignored for open and close). The exit must provide one of the following values for this field in the parameter list for a logging error: <ul style="list-style-type: none"> ■ "W" -- wait for a specified time and then retry; ■ "R" -- retry logging operation immediately; or ■ "I" -- ignore the logging failure and continue without consequence.
2(R1)	Response code for logging errors. This response code is the same as the Adabas response code in the <i>Adabas Messages and Codes</i> documentation.
4(R1)	Fullword where the exit must provide a wait time (in seconds) for the logging failures that are to be retried after waiting.
8(R1)	Address of the command log record that the Adabas nucleus was attempting to send to the Adabas Review hub.

Other Register Values at Entry

Value	Description
R13	Save area of calling Adabas nucleus routine.
R14	Return address in Adabas nucleus.
R15	Entry point address for exit.

Output Parameters

- For logging errors, the exit is required to set a value in the *operation* field. If the wait value (W) is chosen, the exit is also required to provide a non-zero time value.
- Register 15 should be set to zero. All other registers should be returned intact.

REVUXDET: Report Exit for Detailed Reports

Adabas Review provides a detailed report user exit that is called when a command log record is selected for the report. Only records that pass the processing rules are provided to the user exit.

This exit may be used to create SMF records, accounting records, or for any other purpose.

- [Installation Steps](#)
- [Input Parameters Passed to the Exit](#)

Installation Steps

➤ To install the user exit:

- 1 Specify the name of the user exit when creating the report.

For an online report, enter the exit name in the `Exit Name` field in the **Detail Exit** area of the Report Options screen.

When defining batch parameters, specify `TYPE=DETAIL` and the `REPORT-EXIT=` keyword of the `REPORT` statement. Read *REPORT Statement in Using Batch Facilities* in the *Adabas Review User Guide* for more information.

- 2 Provide the detailed report user exit in an executable library accessible to Adabas Review.

Input Parameters Passed to the Exit

The detailed report user exit receives control using standard linkage:

R1	Address of the parameter list
R13	18 fullword savearea address
R14	Return address
R15	Entry-point address of the user exit

The parameter list contains two entries:

0(R1)	Reserved for future use
4(R1)	Address of the command log record

REVUXLOG: Command, Summary, or Raw Logging User Exit

Adabas Review writes to command, summary, and raw log files in sequential order. When a log file is filled, Adabas Review closes the file, switches to the next sequential file, and continues logging. The following messages are issued: REV20151 and REV20152. No check is actually performed to determine whether the log file is empty, and REV20152 is displayed in all cases.

When all files have been filled, Adabas Review switches back to the oldest file to log data. Adabas Review will write over the log data in the file containing the oldest data. Therefore, it is the responsibility of the customer to copy the data before this overwrite can occur.

A command, summary, or raw logging user exit can be specified so that the data contained in the log files can be copied to a new file before the log file is overwritten with new log data. This user exit is called each time a log file is opened or closed, but it is only called if you reference the user exit name in the *User Exit (command logs)*, *Log Full Exit (summary logs)*, or *Switch Exit (raw logs)* report logging option. So the user exit can be called before any data has been written to the log files at all. For more information about these logging options, read *Logging Options*, in the *Adabas Review User Guide*.

- [Installation Steps](#)
- [REVCLCOP Sample Copy Job](#)

Installation Steps

The source library member REVUXLOG contains sample code for the user exit that processes log files. Copy and modify your copy of the sample to create your own user exit, with its own unique name. Then include the exit name in the *User Exit (command logs)*, *Log Full Exit (summary logs)*, or *Switch Exit (raw logs)* logging option on the **Report Options** screen of your report definition.

REVCLCOP Sample Copy Job

When the sample user exit is called, it starts the log copy job. The JCL library member REVCLCOP contains a sample log copy job. This job copies the contents of a filled log file to another device. This job also reinitializes the end-of-file marker in the log file

Copy and modify your copy of the sample job provided to create your own copy job, with its own unique name.

REVUXSUM: Report Exit for Summary Reports

Adabas Review provides a summary report user exit that is called whenever:

- A specified Adabas command is selected for the report
- A report is summarized.

A report is summarized when it is:

- Closed or purged from the LS screen;
- Closed by an interval event;
- Deactivated because the MAXSTORE limit was exceeded; or
- Running when Adabas Review is terminated.

You may control the conditions that trigger the exit.

A report calling a summary exit is limited to one account (`Order`) field. If a summary report exit is specified and the report has multiple account fields, syntax error message REV00408 is issued.

- [Installation Steps](#)
- [Input Parameters Passed to the Exit](#)
- [Summary Exit Record](#)
- [Return Codes](#)

Installation Steps

➤ To install the user exit:

- 1 Specify the name of the user exit when creating the report.

For an online report, enter the exit name in the `Exit Name` field in the **Summary Exit** area of the Report Options screen.

To control the conditions that drive the exit, the Report Options screen allows you to enter an Adabas command (`Cmd` field) and specify whether to call the exit at summarization time (`Sum` field). If the Adabas command field is left blank, the exit is only called when the report is summarized. If `SUM` is set to "N" and the Adabas command field is blank, the exit is never called.

When defining batch parameters, specify `TYPE=SUMMARY` and the `SUMMARY-EXIT=` keyword of the `REPORT` statement. Read about the *REPORT Statement* in *Using Batch Facilities* in the *Adabas Review User Guide* for more information.

- 2 Provide the summary report user exit in an executable library accessible to Adabas Review.

Input Parameters Passed to the Exit

The summary report user exit receives control using standard linkage:


R1	Address of the parameter list
R13	18 fullword savearea address
R14	Return address
R15	Entry-point address of the user exit / Return code upon return

The parameter list contains the following entries:

Offset	Address of . . .						
0(R1)	the reason for being called. This is a one-byte binary bit map. <table><tr><td>X'80'</td><td>The exit was called because the specified command was selected.</td></tr><tr><td>X'40'</td><td>The exit was called during summary processing.</td></tr><tr><td>X'01'</td><td>If this bit is on in addition to one of the above, it indicates that this is the last account entry for the report.</td></tr></table>	X'80'	The exit was called because the specified command was selected.	X'40'	The exit was called during summary processing.	X'01'	If this bit is on in addition to one of the above, it indicates that this is the last account entry for the report.
X'80'	The exit was called because the specified command was selected.						
X'40'	The exit was called during summary processing.						
X'01'	If this bit is on in addition to one of the above, it indicates that this is the last account entry for the report.						
4(R1)	the Adabas command. This is a two-byte character field. If the exit was called with X'80', the field indicates the Adabas command that is used as a trigger.						
8(R1)	the report name. This is a 32-byte character field.						
12(R1)	the summary record.						
20(R1)	the command log record.						

Summary Exit Record

The summary record is a variable length record that contains the field names and values for the report. It has a fixed portion and a variable portion.

 **Note:** The layout of the summary exit record is different from the layout of the summary record written to the summary log file.

Here is the summary exit record layout:

```
*****
*   FIXED PORTION OF SUMMARY RECORD   *
*****
RECLEN  DS   H          TOTAL RECORD LENGTH (INCLUSIVE)
          DS   H          UNUSED
SUMCOUNT DS   H          NUMBER OF SUMMARY ENTRIES
SOFFSET  DS   H          OFFSET OF SUMMARY PORTION
ACCLLEN  DS   H          LENGTH OF ACCOUNT DATA
ACCTNAME DS   CL8        NAME OF ACCOUNT FIELD
*
```

```

*****
*   VARIABLE PORTION OF SUMMARY RECORD   *
*****
ACCTDATA DS   0CL1      START OF ACCOUNT DATA
ACCTPAD  DS   0CL1      PADS OUT TO DOUBLEWORD
SUMFLD   DS   0CL8      NAME OF SUMMARY FIELD
SUMVAL   DS   0XL8      VALUE OF SUMMARY FIELD

```

The exit is called for each account entry (*Order Field*) in the report.

The last two fields above repeat for each summary field in the report.

All fields names are 8-byte character fields.

All summary data values are 8-byte binary fields.

The *ACCTDATA* field above always starts at the same offset, but its length is variable.

Return Codes

Upon returning from the exit, the user is responsible for setting a return code in R15:

R15 = 0	A zero return code indicates a normal return.
R15 # 0	A nonzero return codes indicates that the user requested the system to zero all summary data for this account entry.

7

ADARUN Parameters for Adabas Review

■ ADARUN Parameter Syntax	450
■ CT Parameter: Command Timeout Limit	451
■ FORCE Parameter: Allow Nucleus Database ID or Review Hub Table Entry Overwrite	452
■ LOCAL Parameter: Local Adabas Review Hub	453
■ LOGGING / LOGxxxx Parameters: Command Logging Control	454
■ NAB Parameter: Number of Attached Buffers	455
■ NC Parameter: Number of Command Queue Elements	456
■ PROGRAM Parameter: Program to Run	457
■ REVFILTER Parameter: Review Record Filtering Control	458
■ REVIEW Parameter: Adabas Review Control	459
■ REVLOGBMAX Parameter: Logged Buffer Size Limit for Review	460
■ REVLOGMAX Parameter: Total Logged Buffer Size Limit for a Review Command	461
■ RVCLIENT Parameter: Adabas Review Client Reporting Activation	461
■ SVC Parameter: SVC Number	462
■ ZIIP Parameter: Activate Usage of Adabas for zIIP	463

ADARUN performs the following functions:

- Loads the ADAIOR module, which performs all database I/O and other operating-system-dependent functions.
- Interprets the ADARUN parameter statements; then loads and modifies the appropriate Adabas nucleus or utility modules according to the ADARUN parameter settings.
- Transfers control to Adabas.

The ADARUN statement, normally a series of entries specifying one or more ADARUN parameter settings, is specified in the DDCARD data set. For more specific job information, refer to the appropriate installation manual.

The ADARUN control statement defines and starts the Adabas operating environment. The ADARUN control statement also starts Adabas utilities. The ADARUN parameters described in this chapter apply specifically to the Adabas nucleus and the Adabas Review hub.

Unless noted otherwise, each parameter has a default value that ADARUN uses if the parameter is not specified.

ADARUN Parameter Syntax

The syntax for the ADARUN statement and parameters is:

```
ADARUN parameter=value,...
```

In this syntax, *parameter=value* is one or more of the ADARUN parameters described in this section.

Any number of blanks is permitted between "ADARUN" and the first parameter, but no blanks are permitted within the *parameter=value* string. Commas (,) must be used as separators. A blank following a *parameter=value* entry indicates the end of the statement.

The literal "ADARUN" must be entered in positions 1-6 of each ADARUN statement. All *parameter=value* entries must end before position 73. Any *parameter=value* entries that would extend beyond position 72 must be coded on a new statement as shown below. The comma following the last *parameter=value* entry of a statement is optional, and is not interpreted as a continuation character. Positions 73-80 are ignored. An asterisk (*) in position 1 indicates a user comment line.

The following table summarizes the ADARUN statement format. The first statement cannot continue beyond position 72. The second statement represents a continuation of the first statement. All ADARUN continuation statements have the same format and restrictions as the first statement.

Positions 1-6	Positions 8-72
ADARUN	<i>parameter=value.parameter=value,...</i>
ADARUN	<i>parameter=value</i>

CT Parameter: Command Timeout Limit

Parameter	Specify . . .	Minimum	Maximum	Default
CT	the maximum time (seconds) for interregion communication of results from Adabas to the user.	1	2147483647	60

For Adabas Review, this is the maximum number of seconds (more precisely, units of 1.048576 seconds) that can elapse from the time an Adabas Review hub command has been completed until the results are returned to the user through the interregion communication (operating-system-dependent).

This parameter is used to prevent a command queue element and attached buffer from being held for a long period of time for a user who has terminated abnormally.

Possible causes of a command timeout are

- user region is swapped out or cannot be dispatched;
- user is canceled;
- user has low priority in high activity system.

If the CT limit is exceeded,

- the command queue element and attached buffer are released;
- a message ADAM93 is printed; and
- if the user has not terminated, response code 254 (ADARSP254) is returned to the user program.

Example

The following example permits about 30 seconds to obtain a result through interregion communication from the Adabas Review hub

```
ADARUN  PROG=ADAREV,CT=30
```

FORCE Parameter: Allow Nucleus Database ID or Review Hub Table Entry Overwrite

Parameter	Specify . . .	Possible Values	Default
FORCE	whether the nucleus or Adabas Review hub can overwrite an existing ID table entry.	YES NO	NO

If running Adabas Review, this indicates whether the Adabas Review hub can overwrite an existing ID table entry. When a Review hub starts up, ADARUN scans the ID table to ensure that no entry exists for the Review hub. You can use the FORCE parameter to indicate whether the Review hub can overwrite an existing ID table entry.

The ID table entry is derived from the database ID and the job name. For Adabas Review, the ID table entry is derived from the Review hub ID (REVIEW=). The ID table entry is deleted when the nucleus terminates normally.

The FORCE parameter allows the nucleus or Adabas Review hub to overwrite the existing ID table entry and access the database.



Caution: Do not use the FORCE parameter unless absolutely necessary, or the integrity of the database could be lost. Ensure that no nucleus or Review hub is active for the ID table entry being overwritten.

Value Meaning

YES The nucleus or Adabas Review hub that is starting can overwrite an existing ID table entry. FORCE=YES is required when restarting a session that terminated abnormally with an ADAM98 message. In this case, the ID table still contains an active entry for the nucleus or Review hub. Overwriting the existing entry by specifying FORCE=YES prevents further communication to the overwritten nucleus or hub and causes loss of cross-memory environment resources, which cannot be restored until the next IPL.

NO (default) If the ID table contains an entry for the nucleus or Adabas Review hub that is starting, the nucleus is denied access to the database or the Review hub is not permitted to start.



Note: In an Adabas Cluster Services or Adabas Parallel Services environment, the FORCE parameter applies to the NUCID, rather than the database ID, because a cluster nucleus builds an ID table entry for the NUCID.

A data integrity block (DIB) entry will only be removed once the ID Table initialization has been successful. Therefore, you must set IGNDIB and FORCE both to "YES" if either of the following occur:

- You receive a PARM ERROR 26 after parameter settings IGNDIB=NO and FORCE=YES were applied;

- You receive a PARM ERROR 23 after parameter settings IGNDIB=YES and FORCE=NO were applied.

Examples

The following example specifies that if the ID table contains an active entry for DBID 7, overwrite the entry.

```
ADARUN PROG=ADANUC, FORCE=YES, DBID=7
```

The following example specifies that if the ID table contains an active entry for the Adabas Review hub, overwrite the entry.

```
ADARUN PROG=ADAREV, FORCE=YES, REVIEW=202
```

LOCAL Parameter: Local Adabas Review Hub

Parameter	Specify . . .	Possible Values	Default
LOCAL	whether an Adabas nucleus or Adabas Review hub is isolated and available for local use only.	YES NO	YES

Defines an isolated Adabas nucleus or Adabas Review hub that is only available locally. The nucleus or hub is unreachable to Entire Net-Work. A nucleus or Adabas Review hub specifying LOCAL=YES (the default) can have the same database ID or hub ID as another database nucleus or Review hub on another network node.

Value Meaning

- YES Isolates this nucleus or Adabas Review hub (that is, makes it unaddressable) from other Entire Net-Work nodes.
- NO Allows the nucleus or Adabas Review hub to receive calls from other Entire Net-Work nodes.

Examples

In the following example, the Adabas nucleus is not isolated and can be addressed by other Entire Net-Work nodes.

```
ADARUN PROG=ADANUC, LOCAL=NO
```

In the following example, the Review hub is isolated and cannot be addressed by other Entire Net-Work nodes.

```
ADARUN PROG=ADAREV, LOCAL=YES
```

LOGGING / LOGxxxx Parameters: Command Logging Control

Parameter	Specify . . .	Possible Values	Default
LOGGING	whether to log Adabas commands.	YES NO	NO

The LOGGING parameter specifies whether to use command logging for the Adabas session. The LOGxxxx parameters specify the type of information to be logged. Valid values are YES and NO for all of these parameters.



Note: User exit 4 is still called even if ADARUN LOGGING=NO and REVIEW is specified. User exit 4 will not be invoked if LOGGING=NO and REVIEW is not active. If REVIEW is specified, the only way to disable user exit 4 is to remove the ADARUN UEX4 parameter from the Adabas run.

If you specify LOGGING=YES, you must also specify YES for one or more of the following ADARUN LOGxxxx parameters. By default, each type of information is *not* logged.

Parameter	Specify whether to log the ...	Possible Values	Default
LOGABDX	Adabas buffer descriptions (ABDs)	YES NO	NO
LOGCB	extended Adabas control block	YES NO	NO
LOGCLEX	command log extension (CLEX) ¹	YES NO	NO
LOGFB	format buffer	YES NO	NO
LOGIB	ISN buffer	YES NO	NO
LOGIO	I/O activity	YES NO	NO
LOGMB	multifetch buffer	YES NO	NO
LOGRB	record buffer	YES NO	NO
LOGSB	search buffer	YES NO	NO
LOGUX	user exit B data	YES NO	NO
LOGVB	value buffer	YES NO	NO
LOGVOLIO	extended I/O list ²	YES NO	NO

¹LOGCLEX=YES requires that Adabas Review modules must be available. The data provided in command log records with CLEX can be viewed using the batch program REVIEWB. For more information review the *Field Reference* in the Adabas Review Reference Guide.

² If the LOGIO parameter is set to "NO", no I/O buffer element is logged at all. If LOGIO is set to "YES" but LOGVOLIO is set to "NO", only the standard I/O buffer element is logged. The extended I/O list is only logged if both the LOGIO and LOGVOLIO parameter are set to "YES".

You can use Adabas operator commands or Adabas Online System to modify logging parameters during session execution.

Example

The following example runs the Adabas nucleus with command logging and logs the Adabas control block.

```
ADARUN PROG=ADANUC, LOGGING=YES, LOGCB=YES
```

NAB Parameter: Number of Attached Buffers

Parameter	Specify . . .	Minimum	Maximum	Default
NAB	the number of attached buffers to be used.	1	varies, depending on the amount of available virtual storage	16

The NAB parameter defines the number of attached buffers to be used during the session. An attached buffer is an internal buffer used for interregion communication. It is required in all environments. Adabas allocates an attached buffer pool with a size equal to the value of NAB multiplied by 4096 bytes.



Note: The allocation for buffers in the attached buffer pool is done in 256 byte slots; this means that each allocation is rounded to a multiple of 256. For example, if a size of 300 bytes is needed, the allocated space is 512 bytes.

You may specify as many attached buffers as fit into the available virtual storage.

In environments running in 31-bit addressing mode, the attached buffer pool space is allocated above the 16-MB line.

The NAB parameter syntax is:

```
NAB={ n | 16 }
```

Specific Product Recommendations

- For Event Replicator Server databases, set parameter NAB to a value greater than or equal to: $41 * 10 * \text{the-number-of-Adabas-nuclei-sending-data-to-the-Event-Replicator-Server}$.

For example, if one Adabas nucleus will be sending data to the Event Replicator Server, set the NAB parameter greater than or equal to 410 (for example NAB=420).

- If the Event Replicator Server is set to support updates by multiple concurrent users to Adabas targets (when the NPADACALLS initialization parameter is set to any value greater than "1"), consider adjusting the value of this parameter in the target Adabas nucleus to ensure the target nucleus can handle updates from multiple concurrent users.

- If data is sent through Entire Net-Work from one or more Adabas nuclei to an Event Replicator Server, the Entire Net-Work NAB parameter must also be set to a value greater than or equal to: $41 * 10 * \text{the-number-of-Adabas-nuclei-sending-data-to-the-Event-Replicator-Server}$.
- Users of the Adabas Review hub should read *Storage Requirements* in the *Adabas Review Concepts Manual* for more information about the space requirements of the Command Queue for Adabas Review.
- The ADACHK utility can use large record buffer lengths when making nucleus calls to verify spanned Data Storage records or an index structure with many levels. If this is the case, the settings of your LU and NAB ADARUN parameters may need to be increased.

Example

The following example runs the Adabas Review hub nucleus with 50 attached buffers.

```
ADARUN PROG=ADAREV,NAB=50
```

NC Parameter: Number of Command Queue Elements

Parameter	Specify . . .	Minimum	Maximum	Default
NC	the maximum number of command queue elements.	20	32767	200

The number of command queue elements (CQEs) established for the Adabas or Review hub session determines the maximum number of Adabas commands that may be queued or be in process at any one time during the session.

Each call from the Adabas nucleus is assigned a CQE. The CQE is released when the user receives the results of the command, the Adabas Review hub has processed the command, or the user has been timed out..

192 bytes are required for each CQE.

Software AG recommends that you set NC high enough to allow one command per active user for possible synchronization during execution of the online SAVE database function of the ADASAV utility.

The Adabas session statistics or Adabas Online System can be used to tune this parameter for the next session.

For more information about the space requirements of the Command Queue for Adabas Review, refer to *Storage Requirements* in the *Adabas Review Concepts Manual*.

Specific Product Recommendations

- For Event Replicator Server databases, set parameter NC to a value greater than or equal to: $10 * \text{the-number-of-Adabas-nuclei-sending-data-to-the-Event-Replicator-Server}$. For example, if one Adabas nucleus will be sending data to the Event Replicator Server, set the NC parameter greater than or equal to 10 (for example NC=20).
- If data is sent through Entire Net-Work from one or more Adabas nuclei to an Event Replicator Server, the Entire Net-Work NC parameter must also be set to a value greater than or equal to: $10 * \text{the-number-of-Adabas-nuclei-sending-data-to-the-Event-Replicator-Server}$.
- If the Event Replicator Server is set to support updates by multiple concurrent users to Adabas targets (when the NPADACALLS initialization parameter is set to any value greater than "1"), consider adjusting the value of this parameter in the target Adabas nucleus to ensure the target nucleus can handle updates from multiple concurrent users.

Example:

Run the Adabas nucleus with a maximum of 500 elements in the command queue.

```
ADARUN PROG=ADANUC,NC=500
```

The following example runs the Adabas Review hub nucleus with a maximum of 500 elements in the command queue.

```
ADARUN PROG=ADAREV,NC=500
```

PROGRAM Parameter: Program to Run

Parameter	Specify:	Possible Values	Default
PROGRAM	the program to be executed.	see table below	USER

This parameter specifies what to execute. The possible values are described in the following table:

Specify:	To start:
ADACOM	an ADACOM task (used in Adabas Cluster Services and Adabas Parallel Services environments) For more information, refer to your Adabas Cluster Services and Adabas Parallel Services documentation.
ADANUC	an Adabas nucleus For more information about executing an Adabas nucleus, read <i>Adabas Session Execution</i> , in the <i>Adabas Operations Manual</i> .

Specify:	To start:
ADAREV	an Adabas Review hub. Specify this in conjunction with the ADARUN REVIEW parameter. For more information, refer to your Adabas Review documentation.
NETWRK	an Entire Net-Work node For more information, refer to your Entire Net-Work documentation.
RENTUSER	a user program to be run using a reentrant Adabas batch/TSO link routine. For more information, refer to description of the Adabas TP monitor installation in your Adabas installation documentation.
USER	a user program to be run using a non-reentrant Adabas batch/TSO link routine. For more information, read <i>Linking Applications to Adabas</i> , in the <i>Adabas Operations Manual</i>
<i>utility-name</i>	an Adabas utility Specify an Adabas utility for <i>utility-name</i> . For more information, refer to the <i>Adabas Utilities Manual</i> .

Examples

The following example specifies that an Adabas nucleus is running.

```
ADARUN PROGRAM=ADANUC
```

The following example specifies that an Adabas Review hub is running.

```
ADARUN PROGRAM=ADAREV, REVIEW=202
```

The following example specifies that an Entire Net-Work node is running.

```
ADARUN PROGRAM=NETWRK
```

REVFILTER Parameter: Review Record Filtering Control

Parameter	Specify . . .	Possible Values	Default
REVFILTER	whether to allow Adabas Review record filtering during the session.	YES NO	YES

REVFILTER determines whether command log record filtering may be activated. Filtering can decrease the number of command log records passed to Review for report processing.

Value Meaning

YES The default setting. Database command log records may be filtered from report processing, depending upon Review report rules.

NO All command log records will be passed to Review for report processing.

Examples

In the following example, Adabas Review's record filtering may be activated during the Adabas nucleus session.

```
ADARUN PROG=ADANUC,REVFILTER=YES
```

In the following example, Adabas Review's record filtering will not be in effect for the Adabas nucleus session.

```
ADARUN PROG=ADANUC,REVFILTER=NO
```

REVIEW Parameter: Adabas Review Control

Parameter	Specify . . .	Possible Values	Default
<u>REVIEW</u>	whether to run Adabas Review in local or hub mode specifying the hub ID, or not at all.	NO <u>LOCAL</u> dbid	NO



Note: The parameter name REVIEWHUBID is a synonym for REVIEW, provided to ensure downward compatibility with past Adabas releases. We recommend that you use the parameter name REVIEW instead, wherever possible.

REVIEW controls the use of the Adabas Review product:

Value Meaning

NO The default setting. Adabas Review is not started.

Client report data collection cannot occur if REVIEW=NO is specified.

LOCAL Adabas Review is started in local mode running as an extension to ADALOG.

In local mode, Adabas Review job control statements should be added to the Adabas nucleus startup JCL.

Note: If an Adabas Review load library is not included in the startup JCL, the REVIEW parameter is automatically changed from LOCAL to NO.

dbid Adabas Review is started in hub mode. The physical database ID that you specify for the hub identifies

- the hub (server) itself (with PROGRAM=ADAREV) that is being started; or

Value	Meaning
	<ul style="list-style-type: none"> from an Adabas nucleus (client), the hub that is the target for Adabas Review processing for that nucleus (with PROGRAM=ADANUC). <p>In hub mode, Adabas Review job control statements should be added to the Adabas Review hub startup JCL.</p>

Dynamic Modification

The setting of the ADARUN PROG=ADANUC,REVIEW=dbid parameter can be changed dynamically using the REVIEWHUBID command from the operator console, the ADADBS OPERCOM REVIEWHUBID function, or the Modify Parameter function of Adabas Online System.



Note: The value of the REVIEW parameter is not changed in the Adabas ID table. A REVIEW hub coming up with TARGET=ALL checks the ID table but does not find the dynamic changes of the REVIEW parameter.

Examples

The following example starts hub 202 for the Adabas Review hub (server) installation.

```
ADARUN PROGRAM=ADAREV,REVIEW=202
```

The following example starts the Adabas nucleus that will log to Adabas Review hub 202 for the Adabas Review (client) installation.

```
ADARUN PROGRAM=ADANUC,REVIEW=202
```

REVLOGBMX Parameter: Logged Buffer Size Limit for Review

Parameter	Use	Values	Default
REVLOGBMX	Specify the maximum allowable number of bytes of a logged buffer for Review.	Any integer ranging from 0 to 30000	5120

If a buffer is longer than this value, the logged buffer is truncated from the point at which its size exceeds the setting of the REVLOGBMX parameter. The REVLOGBMX setting affects the ADARUN LOGGING parameter specifications only for both CLOGLAYOUT=8. The minimum value (368) is the size of the length of the CLOGLAYOUT=8 basic record plus the length of the extended Adabas control block (ACBX).

Example

The following example runs the Adabas nucleus using a logged buffer size limit of 512. Individual logged buffers, such as the format buffer for an Adabas command, will be truncated if they exceed 512 bytes.

```
ADARUN PROG=ADAREV, LOGBMAX=512
```

REVLOGMAX Parameter: Total Logged Buffer Size Limit for a Review Command

Parameter	Use	Values	Default
REVLOGMAX	Specify the maximum size of all of the logged buffers allowed for an Adabas Review command.	Any integer ranging from 2000 to 32764 (32K - 4).	16384

When the sum of sizes of the logged buffers for an Adabas Review command reaches the value of the REVLOGMAX parameter, the buffer exceeding the limit is truncated and all following buffers are omitted. The size of REVLOGMAX must at least be as large as the REVLOGBMAX + 2000 in order to accommodate the largest buffer of the Adabas command. The minimum value (2000) is the size of the length of the CLOGLAYOUT=8 basic record plus the length of the extended Adabas control block (ACBX) and the CLEX information.

The CLOGMAX setting affects the ADARUN LOGGING parameter specifications only for CLOGLAYOUT=8.

Example

In the following example, the sum of all logged buffers for an Adabas Review command to the Adabas nucleus cannot exceed 10000 bytes.

```
ADARUN PROG=ADAREV, REVLOGMAX=10000
```

RVCLIENT Parameter: Adabas Review Client Reporting Activation

Parameter	Specify . . .	Possible Values	Default
RVclient	whether Adabas Review client reporting should be activated in batch environments.	ACTIVE INACTIVE	INACTIVE

This ADARUN parameter allows you to activate Adabas Review client reporting when you want to run client reports in batch environments. Specify "ACTIVE" to activate it; specify "INACTIVE" (or specify no setting, since INACTIVE is the default) if you do not want client reporting activated.



Note: This ADARUN parameter is valid only in z/OS environments and only when ADARUN PROGRAM=USER and only when LGBLSET RVCLNT=YES. For more information, read about the RVCLNT parameter in your Adabas or Adabas Review z/OS installation documentation.

Example

In the following example, client reporting is activated.

```
ADARUN PROGRAM=USER,RVCLIENT=ACTIVE
```

SVC Parameter: SVC Number

This parameter applies to the operating environments z/OS and z/VSE only.

Parameter	Specify . . .	Possible Values	Default
<u>SVC</u>	the Adabas SVC number or Adabas Review hub SVC number to be used for the session.	see text	45 (z/VSE) 249 (z/OS)

The SVC number is specified as an integer. It must correspond to the number used for the Adabas SVC at your installation.

The Adabas SVC or Adabas Review hub SVC are used to perform various Adabas internal functions under z/OS and z/VSE.

Valid SVC values are as follows:

z/OS 200-255

z/VSE 45 is recommended; any free SVC value can be used. See the Adabas Installation documentation for information about finding free values for z/VSE.

Example

The following example runs an Adabas session under z/OS using SVC 202 for the Adabas SVC.

```
ADARUN PROG=ADANUC,SVC=202
```

The following example runs an Adabas Review hub session under z/VSE using SVC 45 for the Adabas Review hub SVC.

```
ADARUN PROG=ADAREV,SVC=45
```

ZIIP Parameter: Activate Usage of Adabas for zIIP

This parameter is valid for z/OS operating environments only.

The ZIIP parameter controls whether Adabas activates Adabas for zIIP (AZPAD).



Note: Adabas for zIIP requires its own license file (AZPAD), in addition to the standard Adabas license file. If the AZPAD license file is missing or found invalid, Adabas will start but will run as if ZIIP=NO had been specified.

Parameter	Specify . . .	Possible Values	Default
ZIIP	whether or not to activate Adabas for zIIP.	YES NO	NO

Value Meaning

YES Usage of Adabas for zIIP is enabled. Adabas offloads CPU time from the general processors to System z Integrated Information Processors (zIIP). The purpose of this configuration is to reduce the CPU consumption on the general processors.

NO The default setting. Usage of Adabas for zIIP is disabled. Adabas runs without the option to offload CPU time to zIIPs.

Dynamic Modification

If Adabas was started with ZIIP=YES, the setting of the ZIIP parameter can be changed at runtime - that is, set to NO and subsequently back to YES - using the from the operator console, the ZIIP function, or the Modify Parameters menu of Adabas Online System.

If Adabas was started with ZIIP=NO, the setting of the ZIIP parameter cannot be changed to YES later in this session.

ZIIP may be set differently for different nuclei in a cluster (it is a local, modifiable parameter).

Index

Symbols

15M field, 353
1M field, 354
1SEC field, 354
5M field, 355
? command, 34

A

AA command, 12
ABALLOC field, 92
ABDATE field, 92
ABDs
 enable/disable logging of, 454
ABENT field, 93
ABPCT field, 94
ABSIZE field, 94
ABTIME field, 95
ABUSED field, 96
ACBUSER field, 96
ACBX
 enable/disable logging of, 454
ACCP command, 12
ACCTINF2 field, 97
ACCTINFO field, 98
ACINAME field, 99
AD1 field, 100
AD2 field, 101
AD3 field, 102
AD4 field, 103
AD5 field, 103
Adabas buffer descriptions (ABDs)
 enable/disable logging of, 454
Adabas Buffer Pool Display report, 363
Adabas Review
 parameter to set, 459
ADADURA field, 100, 362, 367, 369
ADARUN parameters
 logged buffer size limit for Review, 460
 REVLOGBMX parameter, 460
 REVLOGMAX parameter, 461
 RVCLIENT, 461
 syntax, 450
 total logged buffer size limit for a Review command, 461
 under z/OS, 449
ADD1 field, 100
ADD2 field, 101
ADD3 field, 102

ADD4 field, 103
ADD5 field, 103
ADDIT1 field, 100
ADDIT2 field, 101
ADDIT3 field, 102
ADDIT4 field, 103
ADDIT5 field, 103
AFP field, 104
AH command, 12
AO command, 12
AOS command, 12
Application File Field Usage report, 359
ASSO-IO field, 105
ASSOIO field, 105
ASSOREAD field, 105
ASSOREAG field, 107
ASSOWRIG field, 107
ASSOWRIT field, 106
attached buffer
 parameter to set time limit for hold, 451
attached buffers
 number of
 parameter to specify, 455
AUTORSRT field, 108
Autostart option, 364, 366

B

BUFFEFF field, 109
buffer pool
 attached
 space allocation, 455
BUFFLUSG field, 110
BUFFLUSH field, 110
BUFFWAIT field, 111

C

CALLPGM field, 112
CALLTYPE field, 113
CCALLS field, 113
CCALLU field, 114
CD command, 13
CDURA field, 115
CH command, 13
CHECK command, 13
CID field, 116, 369
CIDALPHA field, 116
CL command, 14
CLIENT field, 117

- client reporting
 - fields available for reports, 78
- CLREADS field, 118
- CLWRITES field, 118
- CM command, 16
- CMD field, 119, 366-367, 369
- CMD-TYPE field, 122
- CMDNAME field, 120
- CMDRESP field, 120, 362, 366
- CMDRSP field, 121
- CMDSTAT field, 121
- CMDTYPE field, 122
- CMPRECL field, 123
- CNAME field, 120
- COLOR command, 15
- COMMAND field, 119
- Command log
 - parameter to enable/disable, 454
- command log
 - extension
 - enable/disable logging of, 454
- command log files
 - user exit, 444
- Command Logging report, 364
- command queue element
 - maximum number of
 - parameter to specify, 456
 - parameter to set time limit for hold, 451
- commands
 - issuing, 8
 - parameter to
 - set time limit for completion, 451
 - quick reference, 9
 - reference, 5
- Commands by Hour report, 365
- COMMANDS field, 123, 362, 366-367
- CONFIGDB command, 15
- CONVERT HISTORY command, 16
- COP1 field, 227
- COP2 field, 228
- COP3 field, 229
- Cost Accounting Example report, 366
- CP command, 17
- CPUID field, 124
- CQALLOC field, 125
- CQDATE field, 125
- CQDURA field, 126
- CQENT field, 127
- CQES field, 127
- CQEUID field, 128
- CQJOB field, 129, 369
- CQMAXENT field, 129
- CQPCT field, 130
- CQSIZE field, 131
- CQTIME field, 131
- CQUQADDR field, 132
- CQUSED field, 133
- CR command, 17
- CRCVDURA field, 133
- CT
 - ADARUN parameter, 451
- CURENPGM field, 99
- CWRKDURA field, 134

D

- data portion, 434
- DATA-IO field, 135
- database
 - categories of fields, 29
 - field reference, 63
- DATAIO field, 135
- DATAREAD field, 136
- DATAAREAG field, 137
- DATAWRIG field, 138
- DATAWRIT field, 136
- DATE field, 138
- DAY field, 139
- DBID command, 18
- DBID field, 140
- DBNAME field, 140
- DD command, 18
- DES field, 141
- Descriptor Usage Report, 366
- DESUPD field, 141
- detailed reports
 - user exit options, 443
- DISPLAY command, 19
- DL command, 20
- DQALLOC field, 142
- DQDATE field, 142
- DQENT field, 143
- DQPCT field, 144
- DQSIZE field, 144
- DQTIME field, 145
- DQUSED field, 146
- DUR field, 146
- DURAT field, 146
- DURATION field, 146
- duration fields, 87
- DZSTAT command, 21

E

- EB command, 23
- EC command, 24
- EL command, 24
- ENDDATE field, 147
- ENDTIME field, 148
- ENQDURA field, 148
- EP command, 25
- ER command, 26
- ERRFLDNM field, 149
- ERRFLDOF field, 150
- ES command, 26
- ESTCPU field, 150
- ET command, 27
- ETID field, 151
- EU command, 28
- EX command, 28
- Exceptional Response Codes report, 368
- EXIT command, 28
- extended Adabas control block (ACBX)
 - enable/disable logging of, 454
- extended I/O list
 - enable/disable logging of, 454

F

FB field, 152
 FBFIELDS field, 153, 362
 FBL field, 153
 FBSEGnn field, 154
 FIELD command, 29
 fields
 alphabetical listing, 78
 available for client reporting, 78
 categories, 73
 duration field derivations, 87
 reference, 63
 FILE field, 155, 362, 367, 369
 File option, 364
 File Usage report, 369
 FILENAME field, 156
 FILETYPE field, 157
 FIN command, 30
 FLDS command, 29-30
 FLSHBLKS field, 157
 FLSHIOS field, 159
 FLSHPH field, 158
 FLSHRTNE field, 159
 FLSHRTNI field, 160
 FLSHRTNL field, 161
 FNR field, 155
 FORCE
 ADARUN parameter, 452
 format buffer
 enable/disable logging of, 454
 FORMATOG field, 162
 FORMATOW field, 161
 FORMATTR field, 163
 FULLSTCK field, 163

G

GA command, 31
 GC command, 32
 GENAUTO command, 31
 GENCARD command, 32
 GLOBFMID field, 164

H

HC command, 33
 header portion, 432
 HELP command, 34
 HLCMDS field, 165
 HOLDISN field, 165, 171
 HOUR field, 166, 366
 Hourly Database Overview report, 371
 HQALLOC field, 167
 HQDATE field, 167
 HQENT field, 168
 HQPCT field, 169
 HQSIZE field, 169
 HQTIME field, 170
 HQUSED field, 171
 HQSRENT field, 165, 171
 HR field, 166
 HUB command, 35

I

I/O activity
 enable/disable logging of, 454
 I/O Count by Hour report, 372
 I/O Summary by RABN report, 374
 I/O Summary by Volume report, 374
 I/O Summary reports, 373
 IB field, 172
 IBL field, 173
 IBSEGnn field, 173
 ID Table
 parameter to
 allow nucleus to overwrite existing entry, 452
 IN command, 35
 INSTALL DB command, 36
 INSTALL UP command, 36
 INTCMDS field, 174
 IO field, 175
 IOCOMP field, 176
 IOFUNC field, 176
 IOLIST field, 177
 IOPHYS field, 178
 IORABN field, 179
 IOS field, 175, 362, 366-367, 369
 IOTOCMD field, 179
 IOTYPE field, 180
 IOVOLSER field, 181
 ISN buffer
 enable/disable logging of, 454
 ISN field, 182
 ISNLL field, 182
 ISNQ field, 183, 367
 issuing commands, 8

J

JMREDATE field, 184
 JOB field, 186
 Job Overview report, 376
 JOBCLASS field, 185
 JOBID field, 185
 JOBNAME field, 186
 JOBNUM field, 187

L

L3DE field, 187
 LANGID field, 188
 Last 500 Adabas Calls report, 377
 LC command, 36
 LEVEL field, 218
 LF command, 29, 37
 LFPALLOC field, 189
 LFPDATE field, 189
 LFPENT field, 190
 LFPMAX field, 191, 193
 LFPPT field, 191
 LFPSIZE field, 192
 LFPTIME field, 193
 LFPUSED field, 191, 193
 LGREADS field, 194
 LH command, 37
 LIB field, 219

LOCAL

- ADARUN parameter, 453
- LOCLCMDS field, 195
- LOG command, 37
- Log FB option, 364
- LOG field, 215
- Log IB option, 364
- Log IO option, 364
- Log option, 364
- Log RB option, 364
- Log SB option, 364
- Log Size option, 364
- Log VB option, 364
- LOGABDX
 - ADARUN parameter, 454
- LOGCB
 - ADARUN parameter, 454
- LOGCLEX
 - ADARUN parameter, 454
- LOGFB
 - ADARUN parameter, 454
- LOGGING
 - ADARUN parameter, 454
- LOGIB
 - ADARUN parameter, 454
- LOGIO
 - ADARUN parameter, 454
- LOGMB
 - ADARUN parameter, 454
- LOGO command, 38
- LOGON command, 39
- LOGON field, 215
- LOGRB
 - ADARUN parameter, 454
- LOGSB
 - ADARUN parameter, 454
- LOGUX
 - ADARUN parameter, 454
- LOGVB
 - ADARUN parameter, 454
- LOGVOLIO
 - ADARUN parameter, 454
- Long Running Commands report, 379
- LPARNAME field, 195
- LR command, 39
- LS command, 40
- LT command, 40
- LU command, 40
- LUNAME field, 196
- LWPALLOC field, 197
- LWPDAT field, 197
- LWPENT field, 198
- LWPMAX field, 199, 202
- LWPMXENT field, 199
- LWPPCT field, 200
- LWPSIZE field, 201
- LWPTIME field, 201
- LWPUSED field, 199, 202

M

- M15 field, 353
- M5 field, 355
- Max K option, 366

- Maximum PCT Space Used report, 380
- MB field, 203
- MBL field, 203
- MBSEGnn field, 204
- MCR field, 121
- MENU command, 41
- MIN field, 354
- MINUTE field, 354
- MO field, 209
- MOCAJOB field, 205
- MOCASECU field, 205
- MOCAUSER field, 206
- MOIOJOB field, 207
- MOIOSECU field, 207
- MOIOUSER field, 208
- MON field, 209
- MONAME field, 209
- MONTH field, 209
- MOSTCALL field, 210
- MOSTIOS field, 211
- MOSTTHTI field, 211
- MOTTJOB field, 212
- MOTTSECU field, 213
- MOTTUSER field, 213
- MSG command, 42
- MULTICNT field, 214
- multifetch buffer
 - enable/disable logging of, 454

N

NAB

- ADARUN parameter, 455
- NAT command, 42
- NATAPPL field, 215, 362, 369
- NATCLTID field, 215
- NATCOUNT field, 216
- NATEXEC field, 217
- NATGRP field, 218
- NATLEVEL field, 218
- NATLIB field, 219
- NATPROG field, 220, 369
- NATRPPCO field, 220
- NATRPCID field, 221
- NATSTMT field, 222, 369
- NATUID field, 223
- Natural
 - user exits, 438
- Natural Program Trace report, 382-383
- Natural Transaction Trace report, 385
- NC
 - ADARUN parameter, 456
- NUC LIST command, 44
- NUCCPU field, 224
- NUCDURA field, 225
- NUCID command, 43
- NUCID field, 223
- nucleus
 - isolated
 - parameter to define as a local nucleus, 453
 - SVC for
 - parameter to specify, 462
- NUCSDAT field, 226
- NUCSTIME field, 227

NUCSTIMEfield, 227
 NUCWAIT field, 225
 Num of Logs option, 364

O

OP1 field, 227
 OP2 field, 228
 OP3 field, 229
 OPERCMDS field, 229
 OPERCMDSfield, 229
 OPSYSID field, 230
 OPSYSNAM field, 231
 OPTNS command, 44
 ORG-CID field, 232
 ORGCID field, 231
 ORGDURA field, 232

P

P-UEXIT1 user exit, 438
 P-UEXIT2 user exit, 438
 P-UEXIT3 user exit, 438
 PB field, 233
 PBL field, 233
 PBSEGnn field, 234
 PH command, 45
 PIALLOC field, 235
 PIDATE field, 235
 PIENT field, 236
 PIPCT field, 237
 PISIZE field, 237
 PITIME field, 238
 PIUSED field, 239
 PLOGBLKS field, 239
 PLOGDIFF field, 240
 PLOGIOS field, 241
 PLREADS field, 241
 PLWRITES field, 242
 PR command, 45
 PRI field, 243
 PRILOG Report, 387
 PRINT command, 33, 45
 Print option, 364
 PRIORITY field, 243
 PRO field, 220
 PROGRAM
 ADARUN parameter, 457
 PROGRAM field, 220
 PS command, 45
 PT command, 46
 PU command, 46

Q

QTR field, 243
 QUAR field, 243
 QUARTER field, 243
 quick reference
 commands, 9
 QUIT command, 30, 46

R

RA command, 47
 Rate of Commands and I/Os by Date report, 388
 Rate of Commands and I/Os by Hour report, 389
 raw log files
 user exit, 444
 RB field, 244
 RBL field, 245
 RBSEGnn field, 245
 RDALLOC field, 246
 RDBLKUSR field, 251
 RDDATE field, 247
 RDENT field, 247
 RDPCT field, 248
 RDSIZE field, 249
 RDTIME field, 249
 RDUSED field, 250
 RECAT command, 48
 record buffer
 enable/disable logging of, 454
 reference
 commands, 5
 fields, 63
 summary record layout, 431
 supplied reports, 357
 user exits, 437
 REFRESH command, 49
 REGEN command, 50
 REMCMDS field, 251
 REPINCTR field, 252
 reporting options
 detailed user exit options, 443
 summary user exit options, 445
 reports
 Adabas Buffer Pool Display, 363
 Application File Field Usage, 359
 Command Logging, 364
 Commands by Hour, 365
 Cost Accounting Example, 366
 Descriptor Usage Report, 366
 Exceptional Response Codes, 368
 File Usage, 369
 Hourly Database Overview, 371
 I/O Count by Hour, 372
 I/O Summary, 373
 I/O Summary by RABN, 374
 I/O Summary by Volume, 374
 Job Overview, 376
 Last 500 Adabas Calls, 377
 Long Running Commands, 379
 Maximum PCT Space Used, 380
 Natural Program Trace, 382-383
 Natural Transaction Trace, 385
 PRILOG Report, 387
 Rate of Commands and I/Os by Date, 388
 Rate of Commands and I/Os by Hour, 389
 reference, 357
 Summary Report by File, 392
 supplied, 357
 Thread Activity, 394
 Thread Activity by Command, 396
 Transaction Count, 398
 Transaction Count by Job, 399

- Transaction Count by Job-NATAPPL, 400
- Transaction Count by Job-User, 401
- Transaction Count by Natural, 402
- Transaction Detailed Information, 402
- Transaction Summary by User, 404
- Who is Using Natural?, 405
- Who Uses SYSMAIN?, 407
- Worst Calls, 409
- Worst Calls by ADADURA, 409
- Worst Calls by CQ DURA, 411
- Worst Calls by DESC UPD, 413
- Worst Calls by IOs, 415
- Worst Calls by ISN QUAN, 417
- Worst Calls by TOTDURA, 419
- Worst Transactions, 421
- Worst Transactions by Calls, 422
- Worst Transactions by Duration, 424
- Worst Transactions by IOs, 426
- REPPNDTR field, 253
- REPTOTTR field, 253
- RESET HISTORY FILE command, 50
- REVCLCOP sample copy job, 444
- REVFILTER
 - ADARUN parameter, 458
- REVIEW
 - ADARUN parameter, 459
- REVLOGBMX parameter, 460
- REVLOGMAX parameter, 461
- REVUEX5, 441
- REVUXDET user exit, 443
- REVUXLOG user exit, 444
- REVUXSUM user exit, 445
- RF command, 49, 51
- RG command, 50-51
- ROUTDURA field, 254
- ROUTTIME field, 254
- RPALLOC field, 255
- RPDATE field, 255
- RPENT field, 256
- RPPCT field, 257
- RPSIZE field, 257
- RPTIME field, 258
- RPUSED field, 259
- RSP field, 259, 369
- RSPSUB field, 260, 369
- RULES command, 51
- RVCLIENT parameter, 461

S

- SAVE command, 51
- SB field, 261
- SBFIELDS field, 262, 367
- SBL field, 262
- SBSEGnn field, 263
- SC command, 52
- SCALLOC field, 264
- SCDATE field, 264
- SCENT field, 265
- SCHEDULE command, 52
- schema portion, 433
- SCPCT field, 266
- SCSIZE field, 266
- SCTIME field, 267

- SCUSED field, 268
- search buffer
 - enable/disable logging of, 454
- SECGID field, 268
- SECONDS field, 269
- SECUID field, 270
- SEQ field, 271, 369
- SEQUENCE field, 271
- session
 - SVC for
 - parameter to specify, 462
- SESSIONS field, 271
- SET command, 54
- SETA command, 52
- SETFILE command, 54
- SMP field, 223
- SORT command, 54
- SRCTYPE field, 272
- ST command, 56
- START command, 56
- STEPNAME field, 273
- STRDATE field, 274
- STRTIME field, 274
- SU command, 57
- summary log files
 - user exit, 444
- summary record
 - data portion, 434
 - header portion, 432
 - layout, 431
 - schema portion, 433
- Summary Report by File, 392
- summary reports
 - user exit options, 445
- supplied reports
 - reference, 357
- SVC
 - ADARUN parameter, 462
- SVC field, 275
- SW command, 58
- SWITCH command, 58
- SYSCMD field, 276

T

- TECH command, 58
- THBKISN field, 276
- THBKSPAC field, 277
- THD field, 279
- THDNUM field, 278
- THDURA field, 278
- Thread Activity by Command report, 396
- Thread Activity report, 394
- THREAD field, 279
- THREADSW field, 280
- THROWBKS field, 280
- THTIME field, 278
- TIALLOC field, 281
- TID field, 282
- TIDATE field, 282
- TIENT field, 283
- TIME field, 284
- timeout control
 - interregion communication limit

parameter to set, 451
 TIPCT field, 284
 TISIZE field, 285
 TITIME field, 286
 TIUSED field, 286
 TOTALCMD field, 287
 TOTALIOS field, 288
 TOTDURA field, 289
 TOTREADS field, 289
 TOTWRITES field, 290
 TPTRANCT field, 291
 TPTRANNM field, 292
 TPUSER field, 293
 TPUSERID field, 292, 369
 Transaction Count by Job report, 399
 Transaction Count by Job-NATAPPL report, 400
 Transaction Count by Job-User report, 401
 Transaction Count by Natural report, 402
 Transaction Count reports, 398
 Transaction Detailed Information report, 402
 Transaction Summary by User report, 404
 TRANSID field, 293
 TRUENAME field, 294
 TSALLOC field, 295
 TSDATE field, 295
 TSENT field, 296
 TSPCT field, 297
 TSSIZE field, 297
 TSTIME field, 298
 TSUSED field, 299
 TYPECMD field, 122

U

UBUID field, 299
 UCMPRECL field, 300
 UFALLOC field, 301
 UFDATA field, 301
 UFENT field, 302
 UFPCT field, 303
 UFSIZE field, 303
 UFTIME field, 304
 UFUSED field, 305
 UOWID field, 305
 UQALLOC field, 306
 UQDATE field, 307
 UQENT field, 308
 UQPCT field, 308
 UQSIZE field, 309
 UQTIME field, 310
 UQUID field, 310
 UQUSED field, 311

user exits

B

enable/disable logging of, 454
 command, summary, or raw logging, 444
 detailed report options, 443
 exit 5, 441
 hub event handler, 441
 Natural, 438
 P-UEXIT1, 438
 P-UEXIT2, 438
 P-UEXIT3, 438
 reference, 437

REVUXDET, 443
 REVUXLOG, 444
 REVUXSUM, 445
 summary report options, 445
 USER-ID field, 312
 USERCMD field, 312
 USERID field, 312
 USERTYPE field, 313
 USRFLDnn field, 314

V

value buffer
 enable/disable logging of, 454
 VB field, 314
 VBL field, 315
 VBSEGnn field, 315
 VIEW command, 59
 VIEWX command, 60
 VW command, 59-60
 VX command, 60
 VxW command, 60

W

W1ALLOC field, 328
 W1BALLOC field, 333
 W1BDATA field, 333
 W1BENT field, 334
 W1BPCT field, 335
 W1BSIZE field, 335
 W1BTIME field, 336
 W1BUSED field, 337
 W1DATE field, 329
 W1ENT field, 329
 W1PCT field, 330
 W1SIZE field, 331
 W1TIME field, 331
 W1USED field, 332
 W2ALLOC field, 337
 W2DATE field, 338
 W2ENT field, 339
 W2PCT field, 339
 W2SIZE field, 340
 W2TIME field, 341
 W2USED field, 341
 W3ALLOC field, 342
 W3DATE field, 343
 W3ENT field, 343
 W3PCT field, 344
 W3SIZE field, 345
 W3TIME field, 345
 W3USED field, 346
 WEEK field, 316
 WEEK-DAY field, 317
 WEEKDAY field, 317
 Who is Using Natural? report, 405
 Who Uses SYSMAIN? report, 407
 W1ALLOC field, 317
 WIDATA field, 318
 WIENT field, 319
 WIPCT field, 319
 WISIZE field, 320
 WITIME field, 321

WIUSED field, 321
WK field, 316
WK1PBLKS field, 322
WK1PBLKSfield, 322
WK1PDIFF field, 323
WK1PIOS field, 323
WORK-IO field, 324-325
WORKIO field, 325
WORKREAD field, 325
WORKREAG field, 327
WORKWRIG field, 327
WORKWRIT field, 326
Worst Calls by ADADURA reports, 409
Worst Calls by CQ DURA reports, 411
Worst Calls by DESC UPD reports, 413
Worst Calls by IOs reports, 415
Worst Calls by ISN QUAN reports, 417
Worst Calls by TOTDURA reports, 419
Worst Calls reports, 409
Worst Transactions by Calls report, 422
Worst Transactions by Duration report, 424
Worst Transactions by IOs report, 426
Worst Transactions reports, 421

X

XIDALLOC field, 347
XIDDATE field, 347
XIDENT field, 348
XIDPCT field, 349
XIDSIZE field, 349
XIDTIME field, 350
XIDUSED field, 351

Y

YEAR field, 351
YR field, 351

Z

ZIIP
 ADARUN parameter, 463
 parameter to enable/disable, 463
ZIIP command, 60
ZIIP field, 352