software AG

Adabas Review

Adabas Review Reference

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ADABAS & NATURAL

This document applies to Adabas Review Version 5.1.1 and all subsequent releases.

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

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Document Conventions

Convention	Description
Bold	Identifies elements on a screen.
`Monospace font`	Identifies service names and locations in the format *`folder.subfolder.service`*, APIs, Java classes, methods, properties.
`Italic`	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 (...).

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- Link to external websites that discuss open standards and web technology.

Data Protection

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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 *[field-type1 field-type2 ...]*	list database fields
FIN	terminate Adabas Review session
FLDS *[field-type1 field-type2 ...]*	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 *[report-name]*	print report output or history data (hard copy)
HELP	display help for screen or field
HUB=*hubid*	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 SYSREVDB.
LC	list sceduled reports
LF *[field-type1 field-type2 ...]*	list database fields
LH	list history reports
LOG	in local mode only, reset selected parameters dynamically
LOGO	display Adabas Review logo screen
LOGON *library-name*	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 *[message-number]*	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...
PRINT *[report-name]*	print report output or history data
PS	purge (started) report output
PT	purge target object definition
PU	purge user profile
QUIT	terminate Adabas Review session
RA *[report-name]*	reactivate suspended report
RECAT	catalog display programs without re-generating them
REFRESH *[report-name]*	refresh report
REGEN *[report-name]*	regenerate display program
RESET HISTORY FILE	unlock history file locked as a result of the abnormal termination of the history compression program
RF *[report-name]*	refresh report
RG *[report-name]*	regenerate display program
RULES	access and edit report processing rules
SAVE	save report definition; write to Adabas Review repository
SChedule*[report-name]*	schedule report
SETA	access a repository, possibly on a different hub
SETfile	access different Adabas Review repositories
SORT	dynamically change sort options from view (VW) of started report results
STart*[report-name]*	start report
SU *[report-name]*	suspend a started report
SWitch *[report-name]*	switch CLOG data sets
TECH	displays environmental and maintenance information about the installed Adabas Review system
VIEW *[report-name]*	view started report, report output, or history data
VIEWX *[report-name]*	view started report, report output, or history data with Software AG Editor display program
VW *[report-name]*	view started report, report output, or history data
VX *[report-name]*	view started report, report output, or history data with Software AG Editor display program
ZIIP[=]{YES|NO}	allows changing the zIIP parameter.
ZIIP [REVB|MAIN|HIST|AUTO]	displays statistics about the execution of Adabas Review in zIIP mode.
?	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.

The behavior of the AA command is different in BS2000 environments, compared to how it operates in z/OS and z/VSE environments. In BS2000 environments, this command will skips the Available SVCs screen and goes straight to the Available Targets screen because there is only one router available to you in BS2000.

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 SYSREVDB* , 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 used. 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

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 SYSREVDB utility. The parameters are specified in the Natural text member CONFIGDB in library SYSREVDB.

CONVERT HISTORY Command

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

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

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

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

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

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 `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

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

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

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

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

The GENCARD command is used to generate batch parameter statements from one Adabas Review online report. The GENCARD command obtains target database information from theList 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

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

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

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 SYSREVDB. These commands are run automatically for you by Adabas Review when SYSREVDB 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 Parms         |
|                                      |
|                                      |
|     Process Review Commands.. Y      |
|     Process Adabas Commands.. Y      |
|                                      |
|                                      |
| Enter-PF1---PF2---PF3---PF4---PF5--- |
|                   Exit        Update |
|                                      |
+--------------------------------------+
```

2 Overtype 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

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*.

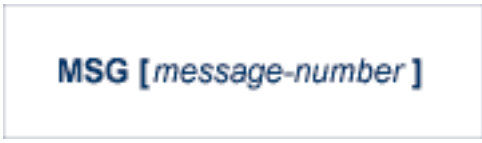
LU Command

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



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

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.

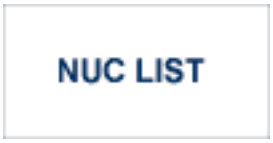
To access a specific nucleus, you must set the target NUCID in a similar manner as setting the target DBID. The target DBID is shown at the top right of each Adabas Review screen and the NUCID is shown at the top left of each screen. If you work in local mode on a cluster database without specifying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

To set a specific NUCID, you may choose the NUCID from a list of available NUCIDs 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 aan 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 exits.

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

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=*hubid* 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

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

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.

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- 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 SYSREVDB. 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 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 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 SYSREVDB Reports column correspond to the Natural syntax. A field defined as `Z13.6.` in the RVUPRT*xx* column would be `N6.6` in the SYSREVDB 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**, **FBSEG***nn*, **IB**, **IBSEG***nn* , **MB**, **MBSEG***nn*, **PB**, **PBSEG***nn*, **RB**, **RBSEG***nn*, **SB** , **SBFIELDS** , **SBSEG***nn* , **VB**, **VBSEG***nn*	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
			also be associated with the setting of these parameters. **Note:** The Adabas nucleus session that created the command log needs to run with the associated ADARUN LOG*xx* parameter. For example, for FBSEG01 you need to specify LOGFB=YES. This applies to Adabas Review in batch and online.
CB	Adabas Control Block Fields	that correspond to or are derived from Adabas control block fields: **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**	—
CMON	Client Reporting Fields	that are derived from client reporting log records: **AFP**, **CDURA**, **CRCVDURA**, **CWRKDURA**	—
I/O	Adabas I/O Fields	for analyzing the I/O operations that are performed against the Adabas Associator, Data Storage, and Work data sets: **ASSO-IO**, **ASSOIO**, **ASSOREAD**, **ASSOWRIT**, **ASSOREAG**, **ASSOWRIG**, **CLREADS**, **CLWRITES**, **DATA-IO**, **DATAIO**, **DATAREAD**, **DATAWRIT**, **DATAREAG**, **DATAWRIG**, **IO**, **IOCOMP**, **IOFUNC**, **IOLIST**, **IOPHYS**, **IORABN**, **IOS**, **IOTOCMD**, **IOTYPE**, **IOVOLSER**, **PLOGBLKS**, **PLOGDIFF**, **PLOGIOS**, **PLREADS**, **PLWRITES**, **TOTALIOS**, **TOTREADS**, **TOTWRITES**, **WK1PBLKS**, **WK1PDIFF**, **WK1PIOS**,	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. If you are running Adabas Review in batch, the Adabas nucleus session that created

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
		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	
NUC-BUFF	Adabas Nucleus statistical Buffer Fields	for Attached Buffer, Commandqueue, Holdqueue, Formatpool, Workpool, ISN table, Sequential Command table and Userqueue: 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, LWPDATE, LWPENT, 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,	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. **Note:** These values are only gathered once per minute and do only show a statistical trend.

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 *Defining Adabas Review User Fields*, in the *Adabas Review Administration Guide*

Notes:

1. 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.
2. 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.
3. 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
	■ 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 `additions 3`. The command to be executed determines whether this field is used and what the contents represent.
ADD4	Corresponds to the ACB field `additions 4`. The command to be executed determines whether this field is used and what the contents represent.
ADD5	Corresponds to the ACB field `additions 5`. 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	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.
CALLTYPE	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.
CDURA	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. This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.
CID	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.

Field Name	Description
CMD	Corresponds to the ACB field command code. This field can be used for record filtering.
CMPRECL	Contains the compressed record length of the record returned by a READ or a FIND command.
COMMANDS	The number of Adabas commands processed for the control break. This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND 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 SUM, MIN, MAX, AVG, RATE, PCT, or ROUND 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 SUM, MIN, MAX, AVG, RATE, PCT, or ROUND 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 SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.
DATE	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.
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 ADADURA 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 MIN or MAX 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 MIN or MAX field.
ENQDURA	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. This field is calculated as the sum of the CQDURA field time and the ROUTDURA 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	Corresponds to the ACB field `file number`. 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. This field can be used for record filtering.
FNR	Corresponds to the ACB field `file number`. 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.
HOUR	The hour (in 24-hour format) when the Adabas command was processed.
ISN	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.
ISNLL	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.
ISNQ	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. The unmodified data can be found in the ORGISNQ field. This field can be used for record filtering. **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.
JMREDATE	The date (in YYYY-MM-DD format) when the batch job was entered in JES or from the job information macro.
JOBCLASS	(z/OS only) 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. This field is available under z/OS and z/VSE: ■ Under z/OS, the field will contain JOB, STC, or TSU as the job identifier followed by a 5-byte JES job number. ■ Under z/VSE, the field will contain JOB as the identifier, followed by the 5-byte POWER job number.

Field Name	Description
JOBNAME	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.
JOBNUM	The job number of the user who issued the Adabas call. This field is available under z/OS and z/VSE. The field will contain an alphanumeric, 5-byte value for the JES (z/OS) or POWER (z/VSE) job number.
LANGID	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.
LPARNAME	The system LPAR or partition name (in z/OS or z/VSE environments) or the environment name from the job information macro (in BS2000 environments).
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	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.
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	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.
NATEXEC	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.
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.

Field Name	Description
NATPROG	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.
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 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.
NATUID	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.
NUCID	The ID of an Adabas nucleus in an Adabas Parallel Services or Adabas Cluster Services environment. This field can be used for record filtering.
OP1	Corresponds to the ACB field `command option 1`. The contents of this field is determined by the command being issued.
OP2	Corresponds to the ACB field `command option 2`. The contents of this field is determined by the command being issued.
OP3	Corresponds to the ACB field `command option 3`. 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	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.
QUARTER	The quarter of the year in which the Adabas command was processed.
ROUTDURA	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

Field Name	Description
	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. This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.
ROUTTIME	Alternate name for ROUTDURA.
RSP	Corresponds to the ACB field `response code`. A response code of 0 indicates that the command executed successfully. This name is used in the schema portion of the **summary record**. This field can be used for record filtering.
RSPSUB	Contains the Adabas response code subcode from the ACB field `Additions 2` or the ACBX field `ACBXERRC` 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	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.)
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.

Field Name	Description
SRCHTYPE	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 (nondescriptor search) was used. This also might appear in some reports as NONDES. ■ ALGO-6: Search algorithm 6 (mixed descriptor and nondescriptor 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.
STEPNAME	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.
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	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.
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	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.
TPTRANNM	The transaction number as established by the user's TP system for the transaction that issued the Adabas call.

Field Name	Description
TPUSERID	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, 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: ■ 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	The name of the root transaction or program that issued the Adabas call. This field can be used for record filtering.
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	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 < = L < = 26. ■ Offset 1 (Length 1): The length of Network Name, not including this field, m = L - 9 , 1 < = 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.
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.

Field Name	Description
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.

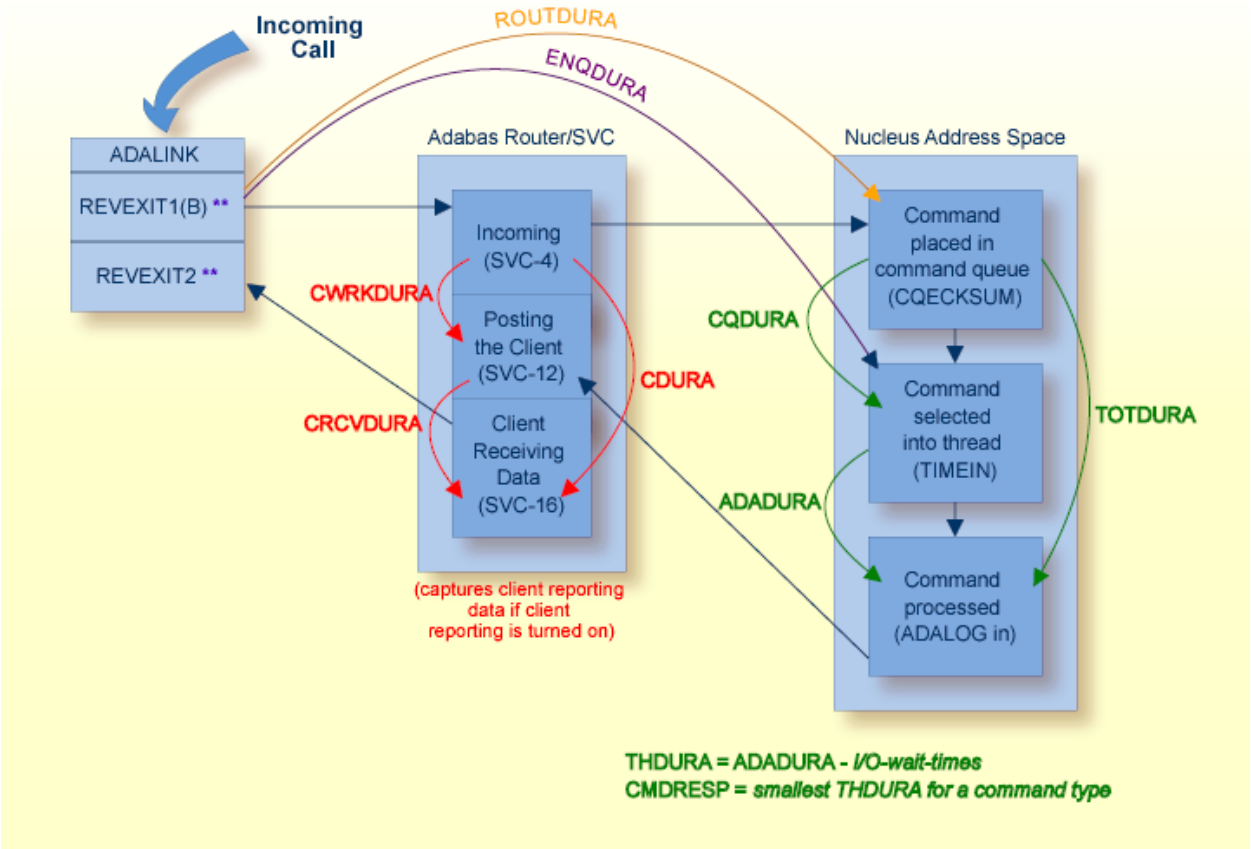
The following duration fields are calculated by Adabas Review processing.

Field System Name	Description
ADADURA	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 and ORGDURA fields 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.
CDURA	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.
CMDRESP	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.

Field System Name	Description
	The values for CMDRESP 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 *Migration from Previous Versions* , in the *Adabas Review Release Notes*. If you need to continue using the old scale and the old calculation algorithm for history data, contact your Software AG support representative. Due to changes in the display programs in SYSREVDB, you cannot use SYSREVDB 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. This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND 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 SUM, MIN, MAX, AVG, RATE, PCT, or ROUND 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. 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). This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND 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. 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). This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.
ENQDURA	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. This field is calculated as the sum of the CQDURA field time and the ROUTDURA field time.
ESTCPU	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.

Field System Name	Description
	This field can be used as a SUM, MIN, MAX, AVG, RATE, PCT, or ROUND field.
ROUTDURA	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.
ROUTTIME	Alternate name for ROUTDURA.
THDURA	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.
TOTDURA	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.

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
OPSYSID	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 (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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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
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 (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
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 (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
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, z/VSE and BS2000 batch jobs 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 (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
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 (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

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 (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
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 (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	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 (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
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 (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	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 (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	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 (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	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 (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
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 (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
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 (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
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 (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
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 (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	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 (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	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 (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	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 (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
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 (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
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 (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	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 (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
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 (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

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 (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

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 (SYSREVDB) 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 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
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 (SYSREVDB) 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 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
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 (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
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 (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
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 (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
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 (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
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 (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	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 (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	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 (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	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 (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
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 (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
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 (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

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 (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
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 (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	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 (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	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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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
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 (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
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 (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
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 (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

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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
4	B	8	N	8	B	8	Z	4	B	8	B

DATAREAG 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
DATAREAG	Batch reports	You can also use any alternate names for the field in batch reports.
DATAREAG	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	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 (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	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 (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
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 (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
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 (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	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 (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
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 (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	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 (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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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

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 (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
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 (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
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 (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
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 (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
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 (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	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 (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	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 (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
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 (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

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 (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
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 (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	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 (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	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 (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
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 (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
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 comannd 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 (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
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 (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
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 (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	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 (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	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 (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	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 (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	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 (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	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 (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	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 (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
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 (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	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 (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
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 (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	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 (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	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 (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	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 (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
4	B	5	N	4	B	4	Z	4	N	8	N

HOUR Field

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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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
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 (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
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 (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
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 (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	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 (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
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 (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	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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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. This field is available under z/OS and z/VSE:

- Under z/OS, the field will contain JOB, STC, or TSU as the job identifier followed by a 5-byte JES job number.
- Under z/VSE, the field will contain JOB as the identifier, followed by the 5-byte POWER 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 (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

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 (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

JOBNUM Field

The job number of the user who issued the Adabas call. This field is available under z/OS and z/VSE. The field will contain an alphanumeric, 5-byte value for the JES (z/OS) or POWER (z/VSE) 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 (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
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 (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	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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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
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 (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	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 (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	B	16	N	8	B	20	Z				

LPARNAME Field

The system LPAR or partition name (in z/OS or z/VSE environments) or the environment name from the job information macro (in BS2000 environments).

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 (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

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 (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

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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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
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 (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
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 (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
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 (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
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 (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

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 (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

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 (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

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 (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

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 (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

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 (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

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 (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
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 (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
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 (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
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 (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
4	B	10	N	4	B	9	Z	4	B	8	B

MOSTIOS Field

The maximum number of I/Os performned 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 (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
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 (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

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 (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

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 (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

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 (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
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 (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

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 (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

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 (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	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 (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
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 (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

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 (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	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 (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

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 (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

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 (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
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 (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	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 (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
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 (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	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 (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
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 (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
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 (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
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 (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
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 (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

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 (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
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 (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
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 (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
1	A	1	B	1	A	1	A	1	A	1	A

OPERCMDS Field

The number of operator commands for the session.

Alternate Names: none

Category: NUC

Use Field Name	In	Notes
OPERCMDS	Batch reports	You can also use any alternate names for the field in batch reports.
OPERCMDS	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	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 (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
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 (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	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 (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
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 (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
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 (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
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 (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	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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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

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 (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	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 (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	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 (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	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 (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	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 (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	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 (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
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 (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
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 (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
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 (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	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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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

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 (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
A	100	A A	100 64 (DISPLAY=BASIC)	A	100	A	100	A	100	A	100

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 (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	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 (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
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 (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
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 (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	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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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

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 (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	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 (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	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 (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
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 (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	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 (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	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 (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
64	A	64	A	64	A	64	A	64	A	64	A

SCALLOC 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
SCALLOC	Batch reports	You can also use any alternate names for the field in batch reports.
SCALLOC	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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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

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 (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

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 (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	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 (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

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 (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	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 (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
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 (nondescriptor search) was used. This also might appear in some reports as NONDES.
- ALGO-6: Search algorithm 6 (mixed descriptor and nondescriptor 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 (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
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 (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

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 (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
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 (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
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 (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
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 (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
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 (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	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 (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	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 (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
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 (SYSREVDB) reports	Only use this field name in online reports.

Length and Format Table:

The 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
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 (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	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 (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
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 (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
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 (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
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 (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	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 (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
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 (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
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 (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

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 (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
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 (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
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 (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

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 (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
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 (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
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 (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
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 (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
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 (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	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 (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	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 (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
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 (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
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. In z/VSE the value is blank.

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 (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

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 (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

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 (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

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 (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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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
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 (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

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 (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	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 (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
4	B	10	N	4	B	10	Z	4	B	8	B

UFDATE 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
UFDATE	Batch reports	You can also use any alternate names for the field in batch reports.
UFDATE	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
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 (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
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 (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
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 (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
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 (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

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 (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

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 < = L < = 26.

- Offset 1 (Length 1): The length of Network Name, not including this field, m = L - 9 , 1 < = 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 (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

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 (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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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
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 (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
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 (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
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 (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
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 (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

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 (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
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 (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	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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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

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 (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	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 (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	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 (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	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 (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
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 (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
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 (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
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 (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
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 (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	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 (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	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 (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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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
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 (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
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 (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
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 (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
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 (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
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 (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
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 (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

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 (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

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 (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	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 (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
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 (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
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 (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
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 (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

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 (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
5	A	5	A	5	A	5	A	5	A	8	A

4 Supplied Report Reference

- Application File Field Usage Report 358
- Adabas Buffer Pool Display Report 362
- Command Logging Report 363
- Commands By Hour Report 364
- Cost Accounting Example Report 365
- Descriptor Usage Report 365
- Exceptional Response Codes Report 367
- File Usage Report 368
- Hourly Database Overview Report 370
- I/O Count by Hour Report 371
- I/O Summary... Reports 372
- Job Overview Report 375
- Last 500 Adabas Calls Report 376
- Long Running Commands Report 378
- Natural Program Trace Report 379
- Natural Summary Report 381
- Natural Transaction Trace Report 383
- PRILOG Report 384
- Rate of Commands and I/Os by Date Report 385
- Rate of Commands and I/Os by Hour Report 387
- Summary Report by File Report 388
- Thread Activity Report 390
- Thread Activity by Command Report 392
- Transaction Count... Reports 394
- Transaction Detailed Information Report 398
- Transaction Summary by User Report 400
- Who is Using Natural? Report 401
- Who Uses SYSMAIN? Report 403
- Worst Calls... Reports 405
- Worst Transactions... Reports 417

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                Target=15690
                                                                      Page:    1
                             Total         Total          Total
NAT-Appl  File  Fld-Name  Num-of-IOs     Commands       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---PF8---PF9---PF10--PF11--PF12---
      Help        Exit                          +               ===>  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-Appl  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 SYSREVDB     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-Appl   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 SYSREVDB           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-Appl         /* A8     NAT-Appl
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-Appl  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 SYSREVDB    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               Target=15690

 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          Target=15690
                                                                         Page:    1
              Total         Total          Total           Avg
Time  Cmd  Num-of-IOs     Commands       Cmd-Resp     Num-of-IOs
----- --- ------------- ------------ -------------- -------------

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      Target=15690
                                                                     Page:    1
                          Total         Total          Total          Total
 File  Cmd Desc-Name   Num-of-IOs     Commands       ADA-Dur        ISN-Qty
------ --- --------- ------------ ------------ ---------------- -------------

     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 Target=00009

   Seq     CQ-Job  TPUserid NAT-Appl 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      Target=15690
                                                                     Page:    1
           Total         Total         Total         Total         Total
 File    Asso-IOs      Data-IOs      Commands     Desc-Upd       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      Target=15690
                                                                     Page:    1
                 Total         Total          Total           Total
Time   File   Num-of-IOs     Commands       Cmd-Resp         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  Target=00009
          Total         Total          Total          Total          Total
Time       IOs         Commands      Asso-IOs       Data-IOs      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  Target=00009
                             Total
 Volser IO-TYPE IO-Comp   Commands
 ------ ------- ------- ------------
 RD0008 ASSO    AC1             1172
        ASSO    AC2                7
        ASSO    AS               386
        ASSO    FCB              193
        ASSO    FDT              103
        ASSO    NI1             1704
        ASSO    UI1              881
        ASSO    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      Target=15690
                                                                     Page:    1
                         Total         Total          Total           Total
 CQ-Job    File  Cmd  Num-of-IOs     Commands      Cmd-Resp        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      Target=15690
                                                                     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  Target=00009
    Seq     CQ-Job  TPUserid NAT-Appl 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
```

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							
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
```

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     Target=00009


   Seq    Cmd File Rsp    CID        ADA-Dur         Cmd-Resp         IOs
--------- --- ---- ---- -------- ---------------- -------------- -------------

   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							

Field System Name	Order	Sum	Min	Max	Avg	Pct	Rate	Round
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       Target=00205
                                                                      Page:    1
                                    Total         Total          Total
NAT-Appl NAT-Pgm   File  Cmd  Num-of-IOs     Commands       Cmd-Resp
-------- -------- ------ --- ------------- ------------ --------------

SYSREVDB 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      Target=00205

              Total
NAT-Appl     ADA-Dur
-------- ----------------

SYSREVDB         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      Target=15690
                                                                   Page:    1
                                                  Total
 Trans Nr   NAT-Appl NAT-Pgm  File Cmd Rsp    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      Target=15690
                                                                     Page:    1
                     Total        Total        Rate      Rate
   Date    Time   Num-of-IOs     Commands   Num-of-IOs 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							
IOS		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      Target=15690
                                                                     Page:    1
          Total         Total         Rate       Rate
Time   Num-of-IOs     Commands    Num-of-IOs 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.

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      Target=15690
                                                                     Page:    1
                                 Total        Total          Total
 File     File Name     Cmd  Num-of-IOs     Commands       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      Target=15690

           Total           Avg            Avg            Avg
 File     Cmd-Resp     Num-of-IOs       ADA-Dur         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       Target=15690
                                                                      Page:    1
           Total         Total          Avg            Avg
Thread  Num-of-IOs     Commands     Num-of-IOs      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      Target=15690
                                                                     Page:    1
               Total        Total          Total            Total
Thread Cmd  Num-of-IOs     Commands      Total-Dur         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      Target=15690

            Total            Avg            Avg              Avg
Thread      CQ Dur       Num-of-IOs      Total-Dur         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      Target=15690

             Avg
Thread      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   Target=00009
             Total         Total          Total          Total
 CQ-Job   Trans-Cnt      Commands         IOs          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    Target=00009

 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    Target=00009
                          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      Target=00205
                                                                    Page:    1
                                        Total        Total
TPUserid NAT-Appl NAT-Pgm   File  Cmd  Num-of-IOs     Commands
-------- -------- -------- ------ --- ------------ ------------

XXX      SYSREVDB N-CHKMN       0 RC              0            8
         SYSREVDB N-CHKMN       8 L3              0            8
         SYSREVDB N-CHKMN       8 S1              0            8
         SYSREVDB N-NTFILE      8 S1              0            2
         SYSREVDB P-DBER        0 RC              0            5
         SYSREVDB P-DBER        8 L3              0            5
         SYSREVDB P-DBER        8 S1              0            6
         SYSREVDB P-DBLR        0 RC              0            3
         SYSREVDB P-DBLR        8 L3              0            1
         SYSREVDB P-DBLR        8 S1              0            1
         SYSREVDB P-DBLR       33 L3              0           36
         SYSREVDB P-DBLS        0 RC              0            1
         SYSREVDB 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      Target=00205

             Total           Total
TPUserid    Cmd-Resp        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    Target=00009
                             Total         Total         Total
 CQ-Job  TPUserid File    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.

```
11:48:29                  WORST CALLS BY-> ADADURA                    2016-06-24
                 11:48:22 2016-06-24 Thru 11:48:28 2016-06-24      Target=00204
                                                                     Page:    1

 Sequence    CQ-Job  TPUserid NAT-Appl NAT-Pgm  Cmd  File      ADA-Dur
----------- -------- -------- -------- -------- --- ------ ----------------

        123 XXX      XXX      SYSREVDB SR-00016 V4       0         0.000000
        122 XXX      XXX      SYSREVDB SR-00016 S1       8         0.000071
        121 XXX      XXX      SYSREVDB SR-00016 S1       8         0.005856
        120 XXX      XXX      SYSREVDB P-DBVWRT RC       0         0.000384
        119 XXX      XXX      SYSREVDB P-DBVWRT RC       0         0.000065
        118 XXX      XXX      SYSREVDB P-DBVWRT L3       8         0.006766
        117 XXX      XXX      SYSREVDB P-DBVWRT S1       8         0.000104
        116 XXX      XXX      SYSREVDB USR1029N RC       0         0.000119
        115 XXX      XXX      SYSREVDB USR1029N L3       8         0.014382
*********** ******** ******** ******** ******** *** ****** ****************

*****   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
```

```
11:48:29                  WORST CALLS BY-> ADADURA                    2016-06-24
                 11:48:22 2016-06-24 Thru 11:48:28 2016-06-24      Target=00204

                                          Total          Total
 Sequence    Num-of-IOs      Cmd-Resp    ADA-Dur        Commands
----------- ------------ -------------- ---------------- ------------

        123            0       0.000000         0.000000            1
        122            0       0.044000         0.000071            1
        121            2       0.151750         0.005856            1
        120            0       0.007500         0.000384            1
        119            0       0.007625         0.000065            1
        118            9       0.761750         0.006766            1
        117            0       0.049000         0.000104            1
        116            0       0.008000         0.000119            1
        115            4       0.406875         0.014382            1
           ************ ***************        0.027747            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							
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.

```
12:08:15                  WORST CALLS BY-> CQ DURA                    2016-06-24
                 12:08:10 2016-06-24 Thru 12:08:14 2016-06-24      Target=00204
                                                                     Page:    1

 Sequence    CQ-Job  TPUserid NAT-Appl NAT-Pgm  Cmd  File       CQ Dur
----------- -------- -------- -------- -------- --- ------ ----------------

        277 XXX      XXX      SYSREVDB SR-00014 V4       0         0.000000
        276 XXX      XXX      SYSREVDB SR-00014 S1       8         0.000384
        275 XXX      XXX      SYSREVDB SR-00014 S1       8         0.000080
        274 XXX      XXX      SYSREVDB P-DBLS   RC       0         0.000032
        273 XXX      XXX      SYSREVDB P-DBLS   RC       0         0.000288
        272 XXX      XXX      SYSREVDB P-DBLS   L3       8         0.000160
        271 XXX      XXX      SYSREVDB P-DBLS   S1       8         0.000064
*********** ******** ******** ******** ******** *** ****** ****************

*****   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
```

```
 12:08:15                  WORST CALLS BY-> CQ DURA                    2016-06-24
                  12:08:10 2016-06-24 Thru 12:08:14 2016-06-24      Target=00204

                                                  Total
  Sequence       ADA-Dur       Num-of-IOs         CQ Dur
 ----------- ---------------- ------------- ----------------

         277         0.000000             0         0.000000
         276         0.000487             0         0.000384
         275         0.000167             0         0.000080
         274         0.000027             0         0.000032
         273         0.000319             0         0.000288
         272         0.013165             7         0.000160
         271         0.009379             1         0.000064
             ***************** *************         0.001008









 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							
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      Target=00204
                                                                    Page:    1

 Sequence    CQ-Job  TPUserid NAT-Appl NAT-Pgm  Cmd  File    Desc-Upd
----------- -------- -------- -------- -------- --- ------ -------------

        585 XXX      XXX      SYSREVDB SR-00015 V4       0             0
        584 XXX      XXX      SYSREVDB P-DBVWRT RC       0             0
        583 XXX      XXX      SYSREVDB P-DBVWRT RC       0             0
        582 XXX      XXX      SYSREVDB P-DBVWRT L3       8             0
        581 XXX      XXX      SYSREVDB P-DBVWRT S1       8             0
        580 XXX      XXX      SYSREVDB USR1029N RC       0             0
        579 XXX      XXX      SYSREVDB USR1029N L3       8             0
        578 XXX      XXX      SYSREVDB USR1029N S1       8             0
        577 XXX      XXX      SYSREVDB 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      Target=00204

                                                 Total        Total
 Sequence       ADA-Dur       Num-of-IOs      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      Target=00204
                                                                     Page:    1

 Sequence    CQ-Job  TPUserid NAT-Appl NAT-Pgm  Cmd  File   Num-of-IOs
----------- -------- -------- -------- -------- --- ------ -------------

        767 XXX      XXX      SYSREVDB SR-00017 V4       0             0
        766 XXX      XXX      SYSREVDB P-DBVWRT RC       0             0
        765 XXX      XXX      SYSREVDB P-DBVWRT RC       0             0
        764 XXX      XXX      SYSREVDB P-DBVWRT L3       8             7
        763 XXX      XXX      SYSREVDB P-DBVWRT S1       8             0
        762 XXX      XXX      SYSREVDB USR1029N RC       0             0
        761 XXX      XXX      SYSREVDB USR1029N L3       8             0
        760 XXX      XXX      SYSREVDB USR1029N 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      Target=00204

                                                  Total        Total
 Sequence       ADA-Dur         Cmd-Resp     Num-of-IOs     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.

```
12:25:36                  WORST CALLS BY-> ISN QUAN                  2016-06-24
                 12:25:27 2016-06-24 Thru 12:25:35 2016-06-24      Target=00204
                                                                     Page:    1

 Sequence    CQ-Job  TPUserid NAT-Appl NAT-Pgm  Cmd  File     ISN-Qty
----------- -------- -------- -------- -------- --- ------ -------------

        934 XXX      XXX      SYSREVDB P-DBVWRT L3       8             0
        933 XXX      XXX      SYSREVDB P-DBVWRT S1       8             1
        932 XXX      XXX      SYSREVDB USR1029N RC       0             0
        931 XXX      XXX      SYSREVDB USR1029N L3       8             0
        930 XXX      XXX      SYSREVDB USR1029N S1       8             1
*********** ******** ******** ******** ******** *** ****** *************

*****   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
```

```
12:25:36                  WORST CALLS BY-> ISN QUAN                  2016-06-24
                 12:25:27 2016-06-24 Thru 12:25:35 2016-06-24      Target=00204

                                          Total        Total
 Sequence       ADA-Dur       Num-of-IOs      ISN-Qty      Commands
----------- ---------------- ------------ ------------ ------------

        934         0.015030            7            0            1
        933         0.000056            0            1            1
        932         0.000026            0            0            1
        931         0.000107            0            0            1
        930         0.000096            0            1            1
            **************** ************            2            5









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							
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.

```
12:41:07                  WORST CALLS BY-> TOTDURA                    2016-06-24
                 12:41:07 2016-06-24 Thru 12:41:07 2016-06-24      Target=00204
                                                                     Page:    1

 Sequence   TPUserid NAT-Pgm  Cmd    Total-Dur         ADA-Dur
----------- -------- -------- --- ---------------- ----------------

       1110 XXX      SR-00019 V4          0.000000         0.000000
       1109 XXX      SR-00019 S1          0.000344         0.000184
       1108 XXX      SR-00019 S1          0.001312         0.000720
       1107 XXX      P-DBVWRT RC          0.000035         0.000019
       1106 XXX      P-DBVWRT RC          0.000075         0.000043
*********** ******** ******** *** ***************** *****************

*****   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
```

```
12:41:07                  WORST CALLS BY-> TOTDURA                    2016-06-24
                 12:41:07 2016-06-24 Thru 12:41:07 2016-06-24      Target=00204

                                                                      Total
 Sequence        CQ Dur       File   CQ-Job  NAT-Appl    Total-Dur
----------- ---------------- ------ -------- -------- ----------------

       1110         0.000000      0 XXX      SYSREVDB         0.000000
       1109         0.000160      8 XXX      SYSREVDB         0.000344
       1108         0.000592      8 XXX      SYSREVDB         0.001312
       1107         0.000016      0 XXX      SYSREVDB         0.000035
       1106         0.000032      0 XXX      SYSREVDB         0.000075
            ***************** ****** ******** ********         0.001766









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							
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       Target=00204
                                                                      Page:    1
                                    Total         Total           Total
 Trans Nr   TPUserid NAT-Appl  Num-of-IOs     Commands      Total-Dur
----------- -------- -------- ------------ ------------ ----------------

          0 XXX      SYSREVDB             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      Target=00204

                 Total            Total
 Trans Nr       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      Target=00204
                                                                    Page:    1
                                    Total          Total         Total
 Trans Nr   TPUserid NAT-Appl    Total-Dur       Commands    Num-of-IOs
----------- -------- -------- ---------------- ------------ -------------

          0 XXX      SYSREVDB         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
```

```
12:52:32               WORST TRANSACTIONS BY DURATION               2016-06-24
                  12:52:20 2016-06-24 Thru 12:52:31 2016-06-24     Target=00204

                   Total            Total
 Trans Nr        ADA-Dur          CQ Dur
----------- ---------------- ----------------

          0         0.071541         0.003744
                    0.071541         0.003744

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							
TOTDURA		Y						
COMMANDS		Y						
IOS		Y						
ADADURA		Y						
CQDURA		Y						

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      Target=00204
                                                                     Page:    1
                                    Total        Total          Total
 Trans Nr   TPUserid NAT-Appl  Num-of-IOs     Commands      Total-Dur
----------- -------- -------- ------------ ------------ ----------------

          0 XXX      SYSREVDB            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      Target=00204

                  Total            Total
 Trans Nr        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.

5 Summary Record Layout

- The Header Portion 426
- The Schema Portion 427
- The Data Portion 428
- Calculating the Number of Summary Records That Can Be Stored 429

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-byte block length)
- Records per block: `53 = 9.996/186 = Trunc(53,74)`
- Blocks per track: `5 = 57000/10.000 = 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-byte block length)
- Records per block: `150 = 27.994/186 = Trunc(150,5)`
- Blocks per track: `2 = 57000/27.994 = 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 432
- REVUEX1: User Field User Exit 433
- REVUEX5: Adabas Review Hub Event Handler (Adabas Exit 5) 435
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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 SYSREVDB (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 and 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 (SYSREVDB) 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 SYSREVDB 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 SYSREVDB. 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 SYSREVDB. 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 SYSREVDB 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 SYSREVDB 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 SYSREVDB 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.

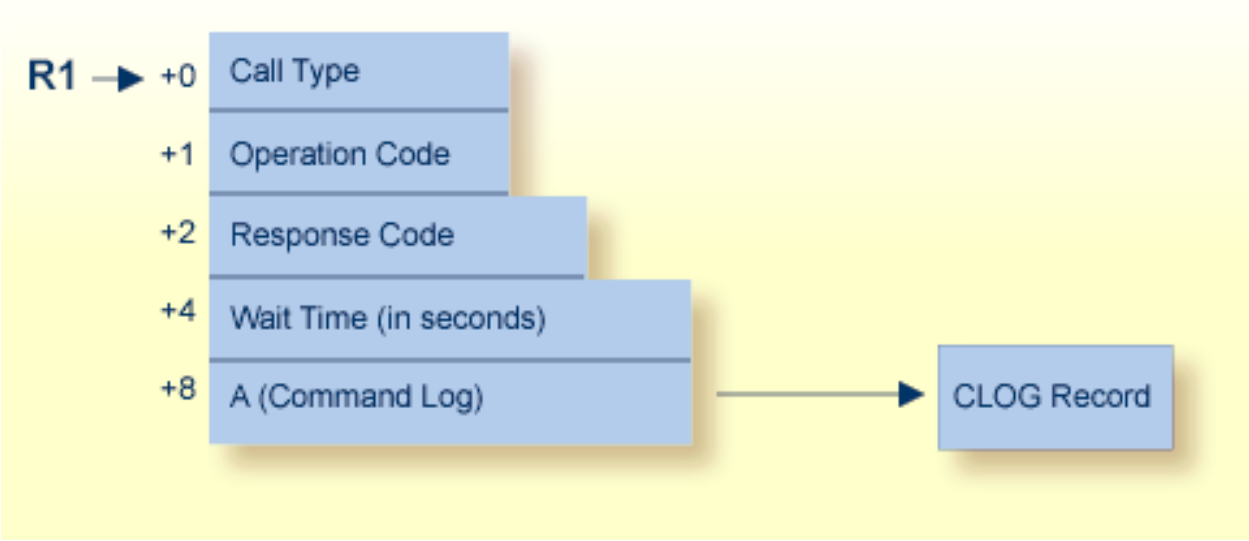
The exit is invoked with AMODE=31 and should return control in the same state.

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: ■ "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: ■ "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 *Adabas Messages and Codes* 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 z/OS JCL or z/VSE JCS library member REVCLCOP or REVCLCOP.X contain 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.	
	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
ACCLEN   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

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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 in z/OS and BS2000 environments and in the CARD data set in z/VSE environments. 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. Not every parameter described here applies to every operating environment (z/OS, z/VSE, or BS2000).

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	*parameter=value.parameter=value,...*
ADARUN	*parameter=value*

CMDQMODE Parameter: Command Queue Mode

This parameter applies to the BS2000 operating system only.

Parameter	Specify . . .	Possible Values	Default
CMDQMODE	whether to allocate the command queue memory pool below or above the 16-MB line.	BELOW | ABOVE	ABOVE (BELOW for Adabas versions prior to Version 8)

CMDQMODE specifies whether to allocate the BS2000 memory pool for the Adabas command queue below or above the 16-MB line.

Value	Meaning
BELOW	The default setting. Places the BS2000 memory pool for the Adabas command queue below the 16-MB line in one or more 64-kilobyte segments.
ABOVE	Places the BS2000 memory pool for the Adabas command queue above the 16-MB line in one or more 1-MB segments.

Example

The following example, places the Adabas command queue memory pool above the 16-MB line in 1-MB segments.

```
ADARUN PROG=ADANUC,CMDQMODE=ABOVE
```

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 Review hub is isolated and available for local use only. The isolated hub will be unknown to the network (see also the ADARUN parameter LOCAL for Adabas).	YES | NO	YES

Defines an isolated Adabas Review hub that is only available locally. The hub is unreachable to Entire Net-Work. An Adabas Review hub specifying LOCAL=YES (the default) can have the same hub ID as another Review hub on another network node.

Value	Meaning
YES	Isolates this Adabas Review hub (that is, makes it unaddressable) from other Entire Net-Work nodes.
NO	Allows the Adabas Review hub to receive calls from other Entire Net-Work nodes.

Example

In the following example, the Adabas nucleus is isolated and cannot be addressed by other Entire Net-Work nodes.

```
ADARUN PROG=ADAREV,REVIEW=202,,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 LOG*xxxx* 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 LOGGING=NO. 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 LOG*xxxx* 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

[1]LOGCLEX=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 envir-

onments. 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 * 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 * 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 * 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 * 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 *Adabas Session Execution*, in the *Adabas Operations Manual*.
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 *Linking Applications to Adabas*, in the *Adabas Operations Manual*
utility-name	an Adabas utility Specify an Adabas utility for *utility-name*. For more information, refer to the *Adabas Utilities Manual*.

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
REVIEW	whether to run Adabas Review in local or hub mode specifying the hub ID, or not at all.	NO | LOCAL | 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 ■ from an Adabas nucleus (client), the hub that is the target for Adabas Review processing for that nucleus (with PROGRAM=ADANUC). In hub mode, Adabas Review job control statements should be added to the Adabas Review hub startup JCL.

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
```

REVLOGBMAX Parameter: Logged Buffer Size Limit for Review

Parameter	Use	Values	Default
REVLOGBMAX	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 REVLOGBMAX parameter. The REVLOGBMAX 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
```

SUBMPSZ Parameter: GETMAIN Memory Pool for Subtasks

Parameter	Specify . . .	Possible Values	Default
SUBMPSZ	the common memory pool size, in bytes, for subtask communication in products such as Adabas Review, Adabas Parallel Services, and Event Replicator for Adabas.	100000 - address-limit	1,024,000

This parameter is required for BS2000 nuclei that run subtasks. These may be Adabas Review, Adabas triggers and stored procedures, or Event Replicator for Adabas running EntireX Broker. Recommended values with any of these subtasks running are shown in the table below:

Subtask	Recommended SUBMPSZ Value
Adabas Review	14 M
Adabas triggers and stored procedures	20 M
Event Replicator for Adabas running webMethods EntireX Broker	200M (or larger)

Notes:

1. Setting this parameter for Adabas Review replaces an optional zap for increasing the subtask common memory.
2. This parameter must be set to the recommended value for the Adabas Review hub and the Adabas Review nuclei, irrespective of the value of the REVIEW parameter.
3. For Adabas triggers and stored procedures in BS2000 environments, make sure that the nucleus is started with the ADARUN parameter SUBMPSZ set to "20M" (or larger). Otherwise, the Natural subtask will deliver a "ADAI2S - 04000004 no mother task common memory" error.

Example

The following example allows for four (4) megabytes of common memory pool storage for use in the communication between the Adabas nucleus and the subtasks.

```
ADARUN PROG=ADANUC,SUBMPSZ=4096000
```

SVC Parameter: SVC Number

This parameter applies to the operating environments z/OS and z/VSE only.

Parameter	Specify . . .	Possible Values	Default
SVC	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).

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