Adabas Review

Administration

Version 4.6

March 2012

Adabas Review

This document applies to Adabas Review Version 4.6.

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

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Table of Contents

1 Maintaining User Profiles

The user profile system provides a series of menus to help you generate profiles that define access rules for Adabas Review users. You may create profiles for new users, change access rules for existing users, and purge user profiles that are no longer required.

Adabas Review provides a default profile to allow access for users who do not have a profile defined for them. When a user logs on, Adabas Review checks for the user's profile. If one is not found, the default profile is used.

The default profile is also used as a basis for creating user profiles. When a profile for a new user is generated, the default profile is copied. The new profile may then be customized to suit the needs of the user.

Note: The default profile provides unrestricted access to Adabas Review functions. Software AG recommends that you first create a user profile for the system administrator and other privileged users; then modify the default profile so that it conforms to the needs of the majority of users.

Accessing the User Profile System

To access the user profile system

- Enter `UP` on the command line of the Adabas Review main menu and press ENTER.

  The User Profile System menu appears as shown below:

```
22:54:17                 A D A B A S  -  R E V I E W              2009-05-04
                              User Profile System

                  Code              Description
                  ----     ----------------------------------
                   EU          Edit User Profile
                   LU          List User Profiles
                  ----     ----------------------------------









Command: _____________________________________________________________________
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit                                                   Menu
```

Code	Description
EU	Edits a profile for a new or existing user.
LU	Displays a list of existing user profiles, including the default profile.

From the list of existing user profiles, you can select a particular profile to be edited or purged.

Customizing the Default Profile

You do not need to create a user profile for each user of Adabas Review. By customizing the default profile so that the access rules meet the needs of the majority of Adabas Review users, you eliminate the need for individual user profiles.

To customize (edit) the default user profile

- From any screen within Adabas Review, type EU on the command line and press ENTER.

  The following Edit User screen is displayed:

```
14:33:02                A D A B A S  -  R E V I E W              2010-09-02
                                 Edit User

                             User Profile: DEFAULT_

+-------------------------------------------------------------------------+
!  Name ................... DEFAULT_   Default DBID/Hub ............ LFILE  !
!                                     Default Repository DBID ..... LFILE  !
!  Access ADABAS REVIEW .......... Y   Default Repository File ..... LFILE  !
!  Access User Profile System .... Y   Edit Report Definitions ..... Y      !
!  Confirm Purge/Save Requests ... Y   Edit Target Definitions ..... Y      !
!                                     Purge Historical Data ....... Y      !
!                                     Purge Report Definitions .... Y      !
!                                     Purge Started Reports ....... Y      !
!                                     Purge Target Definitions .... Y      !
!                                     Start Reports ............... Y      !
!                                     Use AOS ..................... Y      !
!                                     View Reports ................ Y      !
+-------------------------------------------------------------------------+


Command: _____________________________________________________________________
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit        Save                                    Menu  ↩
 ↩
```

The User Profile field usually refers to the user ID corresponding to the profile; in this case it contains the word "DEFAULT".

The Name Field

The `Name` field may be used for the user's name or any other appropriate identifier.

Displaying General Access Rules

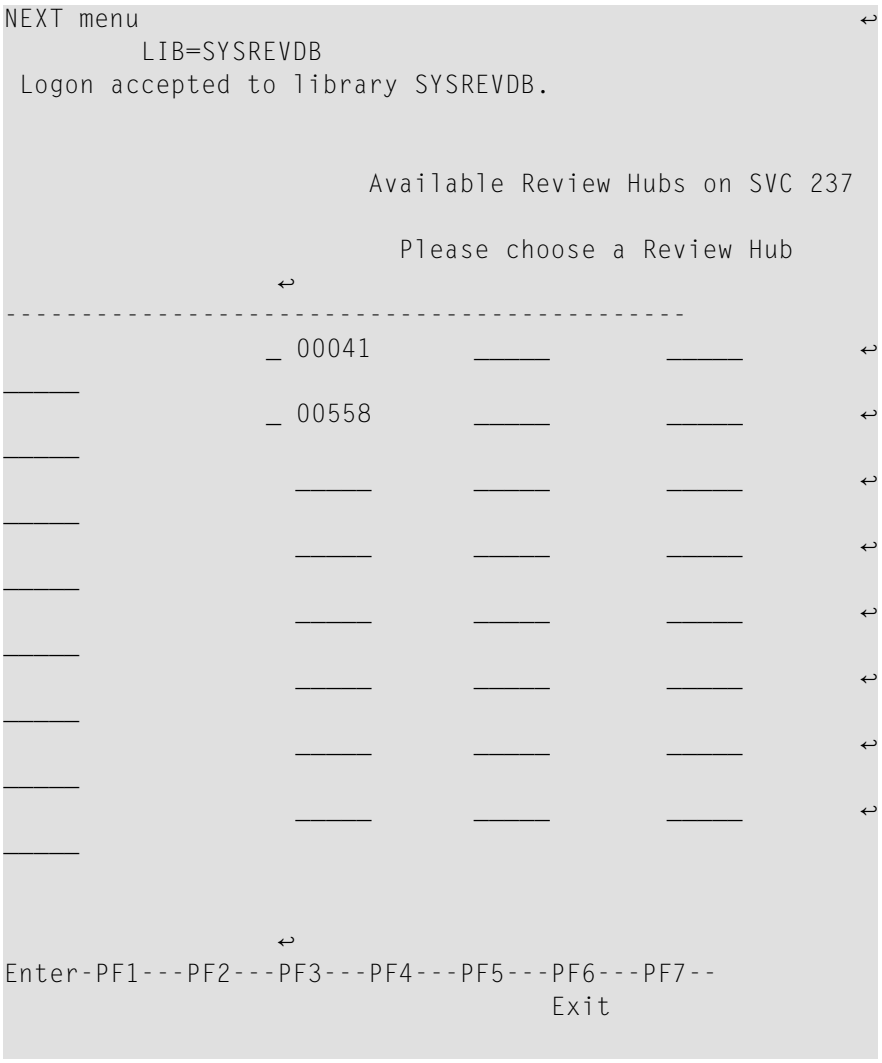
The fields in the left column of the Edit User screen are general access rules, which are described as follows (the default value is Y(es) for all fields):

General Access Rule	Valid Values	Whether the user is . . .
Access Adabas Review	Y | N	allowed to access Adabas Review.
Access User Profile System	Y | N	allowed to access the User Profile System. Before setting this access rule to "N" in the default profile, you must first create a user profile that allows you to access the User Profile System. Otherwise, you will not be able to maintain user profiles.
Confirm Purge/Save Requests	Y | N	prompted to confirm a purge or save request before it is executed.

Displaying Database and Repository File Access Rules

The fields in the right column of the Edit User screen are database access rules. The `DBID/Hub` field is used to specify the default Adabas Review database for a user:

Database Access Rule	Valid Values	Description
Default DBID/Hub	*nnnnn* | 0 | AUTO | LFILE	In hub mode, specify the number of the hub ID that should be used. "AUTO", "LFILE", or "0" can also be specified: ■ If "0" is specified, the value is determined as if "LFILE" were specified. ■ If "LFILE" is specified, the value is determined from the LFILE setting of the current Natural session. This is primarily useful in local mode. ■ If "AUTO" is specified, the value is determined from the SVC of the current Natural session. If there is a single hub running under the current SVC, that hub ID is used. If more than one hub ID is active, the following pop-up dialog appears. If no hub is running, the value is determined as if "LFILE" were specified.

Database Access Rule	Valid Values	Description
		 Type any character next to the hub you want to use and press Enter. **Note:** Support for the "AUTO" value executes module ADATMZ in the Natural environment, which dynamically loads CCSTCK and ADALNKR. If CCSTCK or ADALNKR cannot be loaded, subsequent calls to ADATMZ might lead to problems. Be sure that the modules ADATMZ, ADALNKR, and CCSTCK, which are available in the Adabas or WAL load libraries, are also available for the TP monitor. In local mode, specify the number of the database ID (DBID) that should be used or specify "LFILE" or "0". "AUTO" can be used but the value is determined as if "LFILE" were specified.
Default Repository DBID	*nnnnn* | 0 | LFILE	Specify the database ID where theAdabas Review repository (history) file resides. "LFILE" or "0" can also be specified. ■ If "0" is specified, the value is determined as if "LFILE" were specified.

Database Access Rule	Valid Values	Description
		■ If "LFILE" is specified, the value is determined from the LFILE setting of the current Natural session.
Default Repository File	*nnnnn* | 0|LFILE	Specify the file number of the Adabas Review repository (history) file. "LFILE" or "0" can also be specified. ■ If "0" is specified, the value is determined as if "LFILE" were specified. ■ If "LFILE" is specified, the value is determined from the LFILE setting of the current Natural session.

The remaining fields identify the Adabas Review functions available to a user (the default value is Y(es) for all fields):

Database Access Rule	Valid Values	Specify whether the user is allowed to . . .
Edit Report Definitions	Y | N	use the `Edit Report` (`ER`) function.
Edit Target Definitions	Y | N	create or edit target definitions.
Purge Historical Data	Y | N	delete historical data from the Adabas Review repository.
Purge Report Definitions	Y | N	delete report definitions.
Purge Started Reports	Y | N	delete data collected by started reports.
Purge Target Definitions	Y | N	delete target definitions.
Start Reports	Y | N	initiate data accumulation by starting a report.
Use Adabas Online System (AOS)	Y | N	use Adabas Online System.
View Reports	Y | N	view the results of started reports online.

Modifying Access Rules

To modify access rules

1 Type over the settings displayed on the screen.

2 When you have made all of the changes to a particular group of access rules, do one of the following:

Press PF3 to exit without saving the changes.

Or:

Press PF5 or enter the `SAVE` command to save the changes.

Creating a User Profile

To create a user profile

1 From any screen in Adabas Review, type the following string on the command line and press ENTER:

```
UP EU userid
```

Or:

From any screen in the User Profile System, type the following string on the command line and press ENTER:

```
EU userid
```

Or:

```
EU
```

Adabas Review creates a profile for the user by copying the default profile. It then displays the user profile for editing, and the following message appears at the bottom of the screen:

```
REV00101 - NEW USER PROFILE
```

If `EU` is entered on the command line, the default user profile displays.

2 Customize the user's profile, as required.

Refer to the section ***Customizing the Default Profile*** (earlier in this section) for information about access rules.

3 When the profile provides appropriate access privileges for the user, press PF5 to save the profile.

Listing User Profiles

The `List User Profiles` (`LU`) function displays a list of user profiles that have been defined.

To access the list of user profiles

- From the User Profile System menu, enter the code `LU` on the command line and press ENTER.

  The User Profiles screen, similar to the one shown below, is displayed:

```
18:02:50                 A D A B A S  -  R E V I E W               2009-05-18
                                User Profiles
  Sel  Userid    Name                      Sel  Userid    Name
+------------------------------------------------------------------------------+
! __   DEFAULT     DEFAULT PROFILE                                              !
! __   USER1       REVIEW ADMIN                                                 !
! __   USER2       SMITH                                                        !
! __   USER3       JONES                                                        !
! __   USER4       ADAMS                                                        !
! __   USER5       GREENE                                                       !
!                                                                              !
!                                                                              !
!                                                                              !
!                                                                              !
!                                                                              !
!                                                                              !
!                                                                              !
!                                                                              !
+------------------------------------------------------------------------------+
Command: _____________________________________________________________________
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit                          +                     Menu
```

From this screen, you may edit or purge a particular user profile.

To list the commands you can use on the User Profiles screen:

- Enter a question mark (?) on the selection line preceding a profile name and press ENTER.

  The Available Functions window appears as shown below displaying a list of the available commands:

```
02:48:34                 A D A B A S  -  R E V I E W                 2009-06-20
                                User Profiles

  Sel  Userid    Name                       Sel  Userid    Name
+-------------------------------------------------------------------------------+
! ?_   DE +-------------------------+                                          !
!         !   Available Functions   !                                          !
!         !                         !                                          !
!         ! EU  Edit User Profile   !                                          !
!         ! PU  Purge User Profile  !                                          !
!         ! .   Exit                !                                          !
!         !                         !                                          !
!         ! __  Enter Function      !                                          !
!         !                         !                                          !
!         +-------------------------+                                          !
!                                                                              !
!                                                                              !
!                                                                              !
!                                                                              !
+-------------------------------------------------------------------------------+

Command: _____________________________________________________________________
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit                          +                     Menu  ↩
 ↩
```

Editing a User Profile

To edit an existing user profile

- Enter the command `EU` on the selection line preceding the profile name and press ENTER.

  The profile is displayed and may be edited. Refer to the section *Customizing the Default Profile* (elsewhere in this section) for additional information.

  If you are editing your own user profile, the changes you make take effect as soon as you save your profile. If you are editing a profile other than your own, the changes do not take effect until the next time the user logs on to Adabas Review.

  You may also use this command to copy an existing profile for the purpose of creating a profile for a new user. If you have several users who require access privileges that are different from those specified in your default profile, you may use an existing profile as a model for the other profiles.

Copying a User Profile

To copy a user profile

1 Enter the command EU on the selection line preceding the profile name to be copied.

2 Type the new user ID on the line labeled **User Profile**.

3 Press PF5 to save the new user profile.

Purging a User Profile

To delete a user profile

- Enter the command PU on the selection line preceding the profile name and press ENTER.

  Depending on the setting in your profile, you may or may not be prompted to confirm the purge request as shown in the following screen:

```
02:50:50                A D A B A S  -  R E V I E W              2009-06-20
                              User Profiles

  Sel  Userid    Name                     Sel  Userid    Name
+-------------------------------------------------------------------------------+
! __   DEFAULT     DEFAULT PROFILE                                              !
! __   USER1       REVIEW ADMIN                                                 !
! __   USER2       SMITH                                                        !
! pu   USER3       JONES                                                        !
! __   USER4       ADAMS       +--------------------------------------+         !
! __   USER5       GREENE      !                                      !         !
!                               ! Please confirm PURGE request for:    !         !
!                               !                                      !         !
!                               !              USER3                   !         !
!                               !                                      !         !
!                               !             (Y or N) Y               !         !
!                               !                                      !         !
!                              +--------------------------------------+         !
!                                                                               !
+-------------------------------------------------------------------------------+

Command: _____________________________________________________________________
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit                          +                    Menu  ↩
 ↩
```

2 Displaying SVC Lists and Target Objects

The databases monitored by Adabas Review are considered to be target objects. The monitored databases and the hub are running on an Adabas SVC.

A target object is defined to Adabas Review in a *target definition* using the ET command. A target definition provides Adabas Review with the essential characteristics of the object to be monitored.

Adabas Review uses the target definition of Adabas targets to generate INPUT cards for Adabas Review reports that are autostarted (that is, started automatically when the database is initialized) or run in batch mode.

- If a target definition cannot be found, the INPUT cards are generated using the definition of the default target (that is, target ID 00000).
- If the default target cannot be found, Adabas Review generates the INPUT cards using internal defaults.

Adabas Review provides three commands for SVCs and target objects:

Code	Function	Action
AA	Adabas Availability	Lists target objects for a particular SVC as well as session statistics.
AH	Available Hubs	Lists available Adabas Review hubs
ET	Edit Target Definitions	Used to create target definitions.
LT	List Target Definitions	Lists existing target definitions.

Reviewing Adabas Nucleus Targets and Session Statistics

The Adabas Availability (AA) subsystem displays available targets associated with an Adabas supervisor call (SVC). Adabas Review maintains a list of possible SVC numbers as part of its target definition subsystem.

Note: For BS2000 operating systems, this function is not yet available.

This section covers the following topics:

- Displaying Adabas Nucleus Session Statistics

Accessing the SVC List

To access a list of all the active Adabas SVCs known to Adabas Review:

- Enter the AA code on any command line.

```
02:51:48                  A D A B A S  -  R E V I E W                2009-06-20
                                Available SVCs                       HUB=15690
                        Mark One SVC to be queried with 'X'

    SVC Targs       SVC Targs       SVC Targs       SVC Targs       SVC Targs
+-------------------------------------------------------------------------------+
! _ 201  1        _ 239  0                                                      !
! _ 203  1        _ 240  0                                                      !
! _ 205  0        _ 241  0                                                      !
! _ 214  0        _ 242  0                                                      !
! _ 220  0        _ 243  1                                                      !
! _ 227  6        _ 244  0                                                      !
! _ 229  0        _ 246  0                                                      !
! _ 232  0        _ 247  0                                                      !
! _ 233  0        _ 248  1                                                      !
! _ 235  3        _ 249  7                                                      !
! _ 236  12       _ 252  1                                                      !
! _ 237  6        _ 254  0                                                      !
+-------------------------------------------------------------------------------+


Command: _____________________________________________________________________
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit                                                 Menu  ↩
 ↩
```

The **Active Adabas SVCs** screen appears, where, for z/OS and z/VSE, the SVC is the supervisor call (SVC) number used for communications with the target object. The number of target objects assigned to that SVC is listed in the associated **Num Targs** field.

Displaying Targets Associated with an SVC

To display a list of all targets known to a particular SVC number:

- Mark an SVC on the **Active Adabas SVCs** screen with an "X", and press ENTER.

  The **Available Targets** screen appears, listing targets using the selected SVC for communication. Scroll keys are provided. If more than one screen of objects exists, PF8 (+) scrolls the list forward and PF7 (-) scrolls the list backward.

Note: The list of targets on this screen is the result of a direct query to the SVC and includes inactive targets and non-Adabas databases using that SVC.

```
02:52:52                A D A B A S  -  R E V I E W              2009-06-20
                             Available Targets                    HUB=15690
                                  SVC 227

     DBID    NUCID    Prod   Class   Job Name   Job ID      Date      Time
+-------------------------------------------------------------------------+
! _  11231    N/A      ADA      I      SCASUPDB  JOB24605  2009-06-16  15:51:55 !
! _  19999    N/A      ADA      I      ATEXXMPM  JOB36900  2009-06-17  20:13:34 !
! _  15640    N/A      ADA      I      SSWSUPDB  JOB57199  2009-06-19  20:15:20 !
! _  7771     N/A      ADA      I      WT1ATA    JOB57290  2009-06-19  20:36:35 !
! _  15690    N/A      REV      I      SSWATAH   JOB57233  2009-06-19  20:18:21 !
! _  15650    N/A      ADA      I      SSWATAN1  JOB57235  2009-06-19  20:18:26 !
!                                                                         !
!                                                                         !
!                                                                         !
!                                                                         !
!                                                                         !
!                                                                         !
+-------------------------------------------------------------------------+


Command: _____________________________________________________________________
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit                    -     +                    Menu  ↩
 ↩
```

The following table describes each field on this screen:

Screen Field	Description
Class	The class of the target object. "I" represents an isolated target and "IC" represents an isolated cluster target. For all other targets, the value is blank.
Date	The date on which the target was started.
DBID	The ID of the target object.
Job ID	The ID of the job used to start the target.
Job Name	The name of the startup job for the target.
NUCID	The nucleus ID associated with the target.
Prod	The three-character product code of the target assigned to the SVC.
Time	The time at which the target was started.

Displaying Adabas Nucleus Session Statistics

To display statistics regarding an Adabas nucleus session:

1 Mark an SVC on the **Available SVCs** screen with an "X", and press ENTER.

The **Available Targets** screen appears, listing targets using the SVC for communication. Scroll keys are provided. If more than one screen of objects exists, PF8 (+) scrolls the list forward and PF7 (-) scrolls the list backward.

Note: The list of targets on this screen is the result of a direct query to the SVC and includes inactive targets and non-Adabas databases using that SVC.

2 Mark an Adabas database target on the **Available Targets** screen with an "X", and press ENTER.

If a non-Adabas target is selected, an error message appears.

If an Adabas target is selected, the **Adabas Availability** screen appears displaying statistics about the Adabas nucleus session.

```
02:53:49                A D A B A S  -  R E V I E W              2009-06-20
                            ADABAS Availability

  Pool / Queue       Length   MaxUsed    MaxPct          Various Statistics
+-----------------------------------------------+  +--------------------------+
! NAB (Attch Bffr)    65536     31232      47.6 !  ! Dbname         SSW-NATDB !
! NC  (Cmd Queue)     38400       192       0.5 !  ! Dbid               15640 !
! LFP (Fmat Pool)     12000     11680      97.3 !  ! SVC                  227 !
! NH  (HoldQueue)   1400056      2380       0.1 !  ! Commands          147019 !
! LI  (ISN Table)     10000         0       0.0 !  ! IOs                105375 !
! LQ  (Seq Cmds)    5242880       448       0.0 !  ! Threads                5 !
! NU  (UserQueue)     35112      5544      15.7 !  ! Bffr Eff            52.5 !
! LWP (WorkPool)    1048576     67912       6.4 !  ! Bffr Flushes        1291 !
+-----------------------------------------------+  ! Fmat Overwrites       33 !
  Component    Reads    Writes                     ! Fmat Trans            73 !
+------------------------------+                  ! Thread Sw          293244 !
! Asso          1120      7894 !                  ! Throwbacks             0 !
! Data         17683     45039 !                  +--------------------------+
! Work             3     33636 !
+------------------------------+

Command: ____________________________________________________________________
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit                                                 Menu  ↩
 ↩
```

The following table describes the statistics shown on this screen:

Screen Field	Displays
Pool/Queue	The names of the Adabas pools and queues.
Length	The length of the associated Adabas pool or queue.
MaxUsed	The maximum amount used of the associated Adabas pool or queue.
MaxPct	The percentage used of the associated Adabas pool or queue.
Dbname	The name of the database.
Dbid	The number of the database.
SVC	The SVC used to communicate with the database.
Commands	The number of commands processed against the database.
IOs	The number of I/O operations processed against the database.
Threads	The number of threads in use by the database.
Bffr Eff	The buffer efficiency of the database.
Bffr Flushes	The number of buffer flushes performed by the database.
Fmat Overwrites	The number of format overwrites performed by the database.
Fmat Trans	The number of format translations performed by the database.
Thread Sw	The number of thread switches performed by the database.
Throwbacks	The number of throwbacks performed by the database.
Component	The database component: Asso (Associator), Data (Data Storage), Work (Work area)
Reads	The number of reads performed by the associated database component.
Writes	The number of writes performed by the associated database component.

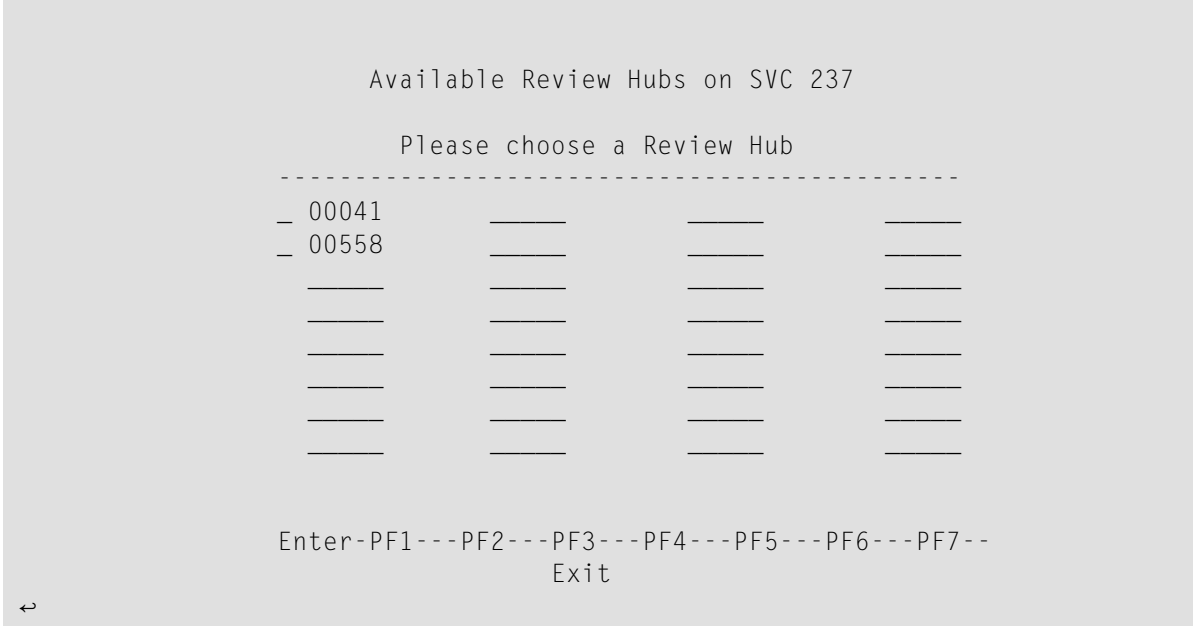
Listing and Selecting Adabas Review Hubs

The Adabas Availability (AH) subsystem displays available Adabas Review hubs associated with an Adabas supervisor call (SVC).

To access a list of all the Adabas Review hubs associated with the selected SVC:

1 Enter the `AH` command on any command line.

A pop-up screen listing the available hubs on the selected SVC appears.



2 To select a hub, type any character next to the hub of your choice on the pop-up window and press ENTER. Then press PF3 to exit the pop-up window.

Creating a Target Definition

Target definitions are usually edited by the Adabas Review administrator because changes to database targets affect all users of Adabas Review.

Target definitions can be created, edited, listed, and purged.

Note: When using the online interface to maintain target definitions, only one target entry can be specified for each DBID, even if there are multiple SVCs with the same DBID.

To access the Edit Target screen:

- Enter the `ET` command on the command line and press ENTER.

  The Edit Target screen appears as shown below:

```
02:54:32                A D A B A S  -  R E V I E W               2009-06-20
                              Edit Target                          HUB=15690


        Database Parameters                  Numeric Delimiters
   +----------------------------+     +-----------------------------------+
   !    Target DBID .... _____   !     !    Buffers-4K ....... 00200      !
   !    Target SVC  .... 000     !     !    Buffers-32K ...... 00030      !
   !    Target Version . 000     !     !    Files (VSE only) . 001        !
   +----------------------------+     +-----------------------------------+

                              Logging Options
   +-------------------------------------------------------------------------+
   !    Target Name ..................... _________________                  !
   !    REVIEW Commands ................. Y           (Y or N)               !
   +-------------------------------------------------------------------------+




Command: ____________________________________________________________________
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit        Save                                   Menu  ↩
 ↩
```

The Edit Target screen displays three categories of input fields:

- `Database Parameters` to describe characteristics of the database;
- `Numeric Delimiters` to control record and buffer segment sizes; and
- `Logging Options`.

The Adabas Review intermediate buffer is used as a staging area to pass the command log records between the Adabas Review subtask and the attached Adabas Review processor in local mode, or between the Adabas Review client and server in hub mode. The parameters BUFFERS-4K and BUFFERS-32K in the Adabas Review INPUT statement control the size allocation. The value for these parameters are obtained from the database target definition.

The following table provides more detailed information about the input fields on the Edit Target screen. Default values are underlined.

Database Parameters

Field	Value	Description
Target DBID (required)	*nnnnn*	The database ID of the target object. There is no default value.
Target SVC (required)	nnn | 000	The number of the SVC used to communicate with the target.
Target Version	nnn | 000	The version, release, and system maintenance level of the target. For example, for Adabas version 7.4 SP1, this field would contain the value 741.

Numeric Delimiters

Field	Value	Description
Buffers-4K	*nnnn*	Defines the number of buffer pool entries that have a length of 4096 or less. This parameter is usually specified along with the BUFFERS-32K parameter. The minimum value is 124.
Buffers-32K	*nnnn*	Defines the number of buffer pool entries that have a length of 4097 or greater. This parameter is usually specified along with the BUFFERS-4K parameter. The minimum value is 15.
Files (z/VSE only)	nnn | 001	Specifies the number of command log files to be processed (used for GENCARD).

Logging Options

Field	Value	Description
Target Name	name	The name you use to identify the target database.
Review Commands	Y | N	Indicates whether commands issued by Adabas Review should be included in the command processing for all reports. REVIEW-COMMANDS=NO indicates that special Adabas commands for Adabas Review (for example V4 commands) are not used for accounting and monitoring. To suppress RC commands issued from the SYSREVDB application as well, set the Natural profile ADAPRM parameter ON (ADAPRM=ON). REVIEW-COMMANDS=YES indicates that these commands are used for accounting and monitoring. **Note:** Some fields might not be available for the commands supported by Adabas Review online system (V4 commands), especially when running in a hub environment. These fields include TP monitor fields, Natural fields, duration fields and buffer fields.

Listing Target Definitions

The `List Target Definitions` (`LT`) command displays the existing target definitions that were created using the `Edit Target` (`ET`) command.

To display a list of target definitions

- Enter the code `LT` on the command line and press ENTER.

  The Target Definitions screen appears, similar to the one shown below:

```
02:55:24                A D A B A S  -  R E V I E W              2009-06-20
                            Target Definitions                    HUB=15690

                                                                    Review
  Sel  DBID     Target Name                    Ver       SVC       Commands
+-------------------------------------------------------------------------+
! __   00000    DEFAULT TARGET                 813       227         Y     !
! __   15650    DATABASE-15650                 813       227         Y     !
!                                                                         !
!                                                                         !
!                                                                         !
!                                                                         !
!                                                                         !
!                                                                         !
!                                                                         !
!                                                                         !
!                                                                         !
!                                                                         !
+-------------------------------------------------------------------------+


Command: _____________________________________________________________________
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit                    -     +                     Menu  ↩
 ↩
```

The fields on the Target Definitions screen describe the targets as they are defined to the system. The following table describes the fields:

Field	Description
DBID	The database ID of the target object.
Target Name	The name assigned to the target by the user.
Ver	The version, revision, and system maintenance level of the target.
SVC	The number of the SVC used to communicate with the target.
Review Commands	Local mode only. Indicates whether the Adabas Review command processor includes commands issued by the Adabas Review online system in its reports. This is used if the Adabas Review processor is running as an Adabas subtask; that is, not in batch.

You may edit or purge target definitions from the Target Definitions screen.

To display the commands available for use from this screen

- Enter a ? on the selection line preceding a target definition and press ENTER.

Editing an Existing Target Definition

To edit an existing target definition:

1 Enter the ET command on the selection line preceding the target definition and press ENTER.

The Edit Target screen for that particular target is displayed.

2 Modify the definition by typing over the existing information.

3 Either press PF5 or enter SAVE on the command line and press ENTER.

Deleting a Target Definition

Target definitions may be deleted by using the PURGE command.

To delete a target definition

1 Enter the PT command on the selection line preceding the target definition and press ENTER.

2 Depending on your user profile, you may or may not be prompted to confirm the purge request.

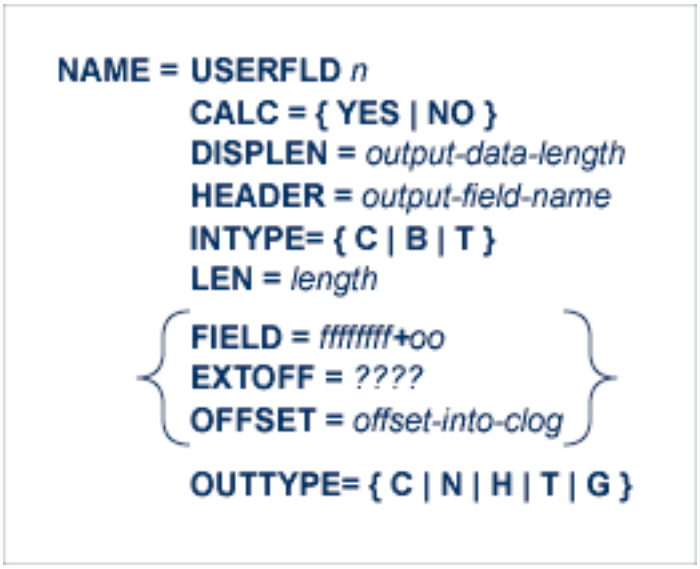
3 Defining Adabas Review User Fields

The Adabas Review administrator can create up to five custom reporting fields. Portions of the command log and command log extension can be remapped using parameters to specify offsets and data types for these new fields.

Step 1. Set Parameters to Be Read at Adabas Review Startup

Field definition parameters are read from the RVUFLD data set at startup. Sample parameters are provided in member RVUFLD in the Adabas Review source library.

Rules of Syntax



- Each field is defined by a NAME statement followed by field description statements.
- Possible values for the NAME statement are USERFLD1 through USERFLD5.

Keywords

Parameter	Values	Description
NAME	USERFLD1 through USERFLD5	Field name that can be used in a report definition. .
CALC	YES | NO	Whether the field can be used for SUM, AVG, PCT, RATE.
DISPLEN	numeric	Length of the data when printed or displayed.
EXTOFF	????	????
FIELD	Two parameter values: ■ 8-byte alphanumeric Adabas Review field name (depicted by *ffffffff* in the syntax) or RDBLKUSR. ■ Optional 2-byte numeric starting offset in the named field (depicted by *oo* in the syntax)	The name of an Adabas Review field, followed immediately by an optional plus sign (+) and field offset value. No spaces should be specified around the plus sign. This is useful when you want to obtain the contents of a user field from part of the contents of an existing Adabas Review field. This parameter is mutually exclusive with the OFFSET parameter. The RDBLKUSR user field name is reserved for use with the REVUEX1 user exit.
HEADER	alphanumeric, 10-byte maximum	Title of the field when printed or displayed.

Parameter	Values	Description
INTYPE	C (character) B (binary) T (time)	Format of the data in the Adabas Review internal command log record, LORECR.
LEN	numeric	Length of the field in the Adabas Review internal command log record, LORECR.
OFFSET	numeric in decimal, not hex	Offset into the Adabas Review internal command log record, LORECR. This parameter is mutually exclusive with the FIELD parameter.
OUTTYPE	C (character) N (numeric) H (hexadecimal) T (time) G (Gregorian date)	Format of the data when printed or displayed.

The FIELD, EXTOFF, and OFFSET parameters are mutually exclusive in a user field definition; only one of them may be specified. For example, suppose you wanted to define user field USERFLD1 as the last eight bytes of the communication ID. The communication ID can be accessed at either offset 88 (X'58') of LORECR or as the last eight bytes of the Adabas Review USERID field (which is 28 bytes long). You could define USERFLD1 in either of the following ways:

- Using the OFFSET parameter: `NAME=USERFLD1,OFFSET=88`
- Using the FIELD parameter: `NAME=USERFLD1,FIELD=USERID+20`

Step 2. Modify the REVIEW-ADABAS-Vvrs -CLOG DDM

The data types and lengths of each user field definition must be reflected in the DDM.

To modify the DDM:

1 Enter the Natural SYSDDM facility.

2 Edit the DDM

```
REVIEW-ADABAS-Vvrs -CLOG
```

Be sure to place "Y" in the REPLACE field.

3 Scan for user fields by entering on the command line

```
SC USER-FIELD
```

4 Modify the length and type of the fields

```
USER-FIELDn
```

5 Press PF11 to catalog the DDM.

The user fields you have defined are now ready to be used.

To access the new fields either online or in batch:

- Use the field names USERFLD1 through USERFLD5 as you would any other Adabas Review reporting field.

  Important: Before changing user-defined fields, carefully consider the impact on existing reports and data. For example, if you were to create history data for a particular report that uses USERFLD1 and then you change USERFLD1 to represent different data, incorrect data would be added to the history report the next time the report stored history data.

Step 3. Modify the Adabas Review FDT

Modify the Adabas Review FDT.

Example of Defining Adabas Review User Fields

Suppose you wanted to display the last eight characters of the 28-byte communication ID in a user field. You would first determine that communication ID is stored in LORECR field LOX1CMID at offset X'44' or a decimal offset of 68. So the offset of the last eight characters of the communication ID is at decimal offset 88.

The specification for the user field, USERFLD1, would look like this:

```
         NAME=USERFLD1
         LEN=8
         INTYPE=C
         OUTTYPE=C
         OFFSET=88
*-------------------------------------------------------------------*
*        OFFSET=X'58' = last 8 bytes of the communication ID in LORECR *
*-------------------------------------------------------------------*
         DISPLEN=8
         HEADER=LOX1CMID
         CALC=NO
```

The specification for a report using the user field might look like this:

```
11:50:48                  A D A B A S  -  R E V I E W                2009-05-26
                                Edit Report                          LOCL=00204
      Detail/Summary: S
      Report Name: RVUFLD45 - TEST OF LOX1CMID_____      DBID to Monitor: __204

      +-------------------------------------------------------------------+
      !  Field      Order   Sum   Min   Max   Avg   Pct   Rate   Round  !
      !-------------------------------------------------------------------!
      ! SEQUENCE     _10     _     _     _     _     _     _     _______  !
      ! DATE____     _20     _     _     _     _     _     _     _______  !
      ! TIME____     _30     _     _     _     _     _     _     _______  !
      ! CMD_____     _40     _     _     _     _     _     _     _______  !
      ! USERFLD1     _50     _     _     _     _     _     _     _______  !
```

The specification for the DDM might look like this:

```
11:43:22                  ***** Edit DDM (ADA) *****                2009-05-26
DDM Name REVIEW-ADABAS-V451-CLOG          Def.Seq.        DBID   255 FNR   241
Command
I T L DB Name                            F       Leng S D Remark
- - - -- ------------------------------- - ---------- - - --------------------
S   3 EH USER-FIELD1                     A          8     (1:7)
```

The report might look like this:

```
11:49:23                RVUFLD45 - TEST OF LOX1CMID                  2009-05-26
                11:49:16 2009-05-26 Thru 11:49:23 2009-05-26         LOCL=00204
                                                                     Page:    1

 Sequence      Date      Time   Cmd LOX1CMID
----------- ---------- -------- --- --------

       4756 2009-05-26 11:49:16 V4  TSU23242
       4757 2009-05-26 11:49:16 V4  TSU23242
       4758 2009-05-26 11:49:16 S1  TSU23242                              ↩
```

4 Managing Client Reporting

Use the Client Management screen to turn the Adabas Review client engine on and off. The Adabas Review client engine must be on if you want to run any client reporting reports. However, you can define client reports when the client engine is off. For more information about client reporting, read *About Adabas Review Client Reporting*, in *Adabas Review Concepts Manual*.

To manage client reporting, complete the following steps:

1 Access the Client Management screen by entering the CM command on any Adabas Review screen.

The Client Management screen appears, displaying the current state of the Adabas Review client engine. For example:

```
15:29:01                A D A B A S  -  R E V I E W              2011-03-01
                             Client Management                   LOCL=00559


                    The Review Client engine is currently off
                    Press PF6 to turn the Review Client engine on









Command: _____________________________________________________________________
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit              On                                 Menu
```

2 If the client engine is off, you can turn it on by pressing the PF6 key. If the client engine is on, you can turn it off by pressing the PF6 key.

Note: To verify if client reporting is turned on correctly please review any LNKRVX* messages appearing on the console log.

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