

Adabas Review

Administrative Functions

Version 4.3.2

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This document applies to Adabas Review Version 4.3.2 and to 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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1 Administrative Functions

The Adabas Review Administrative Functions documentation is organized in the following topics:

•	Maintaining User Profiles
•	Maintaining SVC Lists and Target Objects
•	Defining Review User Fields

2 Maintaining User Profiles

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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:

```
15:52:10                A D A B A S - R E V I E W                2003-07-07
                        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 Review, type `UP EU DEFAULT` on the command line and press `ENTER`.

Or:

From any screen within the user profile system, type `EU DEFAULT` on the command line and press `ENTER`.

The following Edit User screen is displayed:

```

15:53:46.3          A D A B A S - R E V I E W          2003-07-07
                    Edit User

                    User Profile: DEFAULT_

+-----+-----+
| Name .....          Default DBID/Hub ..... 0_____ |
| Access Adabas Review ..... Y      Edit Report Definitions ..... Y |
| Access User Profile System .... Y  Edit Target Definitions ..... Y |
| Confirm Purge/Save Requests ... 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	Value	Whether the user is . . .
Access Adabas Review	<u>Y</u> N	allowed to access Adabas Review.
Access User Profile System	<u>Y</u> 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	<u>Y</u> N	prompted to confirm a purge or save request before it is executed.

Displaying Database 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	Value	Description
Default DBID/Hub	nnnnn <u>0</u>	Identifies the user's default Adabas Review database. The default value 0 indicates that the file corresponding to LFILE 241 is used.

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

Database Access Rule	Value	Whether the user is allowed to . . .
Edit Report Definitions	<u>Y</u> N	use the Edit Report (ER) function.
Edit Target Definitions	<u>Y</u> N	create or edit target definitions.
Purge Historical Data	<u>Y</u> N	delete historical data from the Adabas Review repository.
Purge Report Definitions	<u>Y</u> N	delete report definitions.
Purge Started Reports	<u>Y</u> N	delete data collected by started reports.

Database Access Rule	Value	Whether the user is allowed to . . .
Purge Target Definitions	<u>Y</u> N	delete target definitions.
Start Reports	<u>Y</u> N	initiate data accumulation by starting a report.
Use Adabas Online System (AOS)	<u>Y</u> N	use Adabas Online System.
View Reports	<u>Y</u> 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
```

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

- 2 Customize the user's profile, as required.

Refer to the section *Customizing the Default Profile* 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:

```
15:53:20                A D A B A S - R E V I E W                2003-07-07
                        User Profiles

  Sel  Userid  Name                Sel  Userid  Name
-----
|  ___  DEFAULT
|  ___  USER1   REVIEW ADMINISTRATOR
|  ___  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 display a list of commands available for use on the User Profiles screen**

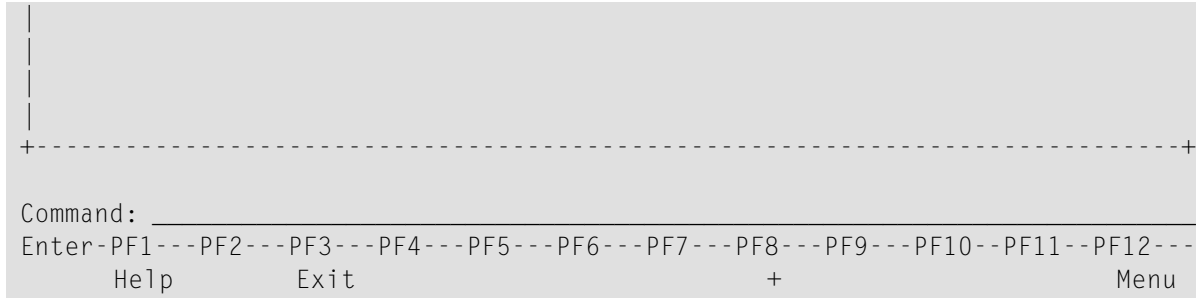
- Enter a question mark (?) on the selection line preceding a profile name and press ENTER.

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

```

15:55:10          A D A B A S - R E V I E W          2003-07-07
                    User Profiles

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



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](#) 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:

```

15:55:40                A D A B A S  -  R E V I E W                2003-07-07
                        User Profiles

  Sel  Userid  Name                Sel  Userid  Name
-----
|  _   DEFAULT
|  _   USER1   REVIEW ADMINISTRATOR
|  _   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
  
```


3

Maintaining SVC Lists and Target Objects

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- Listing Target Definitions 18
- Editing an Existing Target 19
- Deleting a Target 20

The databases monitored by Adabas Review are considered to be target objects. Refer to the section *Using the Adabas Availability Function in Displaying Statistics* for more information.

A target object is defined to Adabas Review in a *target definition*. 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.

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 parameter BUFFER-SEGMENTS in the Adabas Review INPUT statement controls the size allocation. The value for this parameter is obtained from the database target definition.

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.

Maintaining the List of SVCs

The list of SVCs listed on the Adabas Availability (AA) screen can be maintained using the SV function from the main menu.

```
13:36:13          A D A B A S - R E V I E W          2003-07-07
                   Available SVCs                    LOCL=00222

                   Enter ADD nnn or DEL nnn

                   +-----+
                   | 236   |
                   | 237   |
                   +-----+
```

```

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

```

```

13:36:13          A D A B A S - R E V I E W          2003-07-07
                  Available SVCs                    LOCL=00222

                  Enter ADD nnn or DEL nnn

+-----+
| 236 |
| 237 |
+-----+

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

```

Each SVC entered on this screen will subsequently be listed on the AA - Available SVCs screen.

▶ **To add an SVC to the list**

- Enter `ADD nnn` (where *nnn* is the SVC number) into the command line and press `ENTER`.

▶ **To delete an SVC from the list**

- Enter `DEL nnn` (where *nnn* is the SVC number) into the command line and press `ENTER`.

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 <u>000</u>	The number of the SVC used to communicate with the target.
Target Version	nnn <u>000</u>	The version, release, and system maintenance level of the target. For example, for Adabas version 7.4.1, this field would contain the value 741.

Numeric Delimiters

Field	Value	Description
Record Limit	nnnnnnnn <u>99999999</u>	Specifies the maximum number of records to be processed. The default specifies all records.
Buffer Segments	nnnnn	Defines the number of 128-byte segments to be obtained for the Review buffer pool when running in interactive rather than batch mode.
	<u>00400</u>	(approximately 50K) for z/VM and BS2000
	<u>00700</u>	(approximately 87K) for VSE/ESA
	<u>02000</u>	(approximately 250K) for OS/390 or z/OS
Files (VSE/ESA only)	nnn <u>001</u>	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	<u>Y</u> N	Indicates whether commands issued by Review should be included in the command processing for all reports. REVIEW-COMMANDS=NO indicates that special Adabas commands with ACBFNR=0 and ACBRSP=17 and special Review 4.3 commands are skipped for Review communication purposes; REVIEW-COMMANDS=YES indicates that those commands are also displayed.

Defining a Target Object

▶ **To define a target object**

- 1 Enter the target information directly in the input fields on the Edit Target screen.
- 2 When you have completed the definition, press PF5 or enter SAVE on the command line and press ENTER.

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.

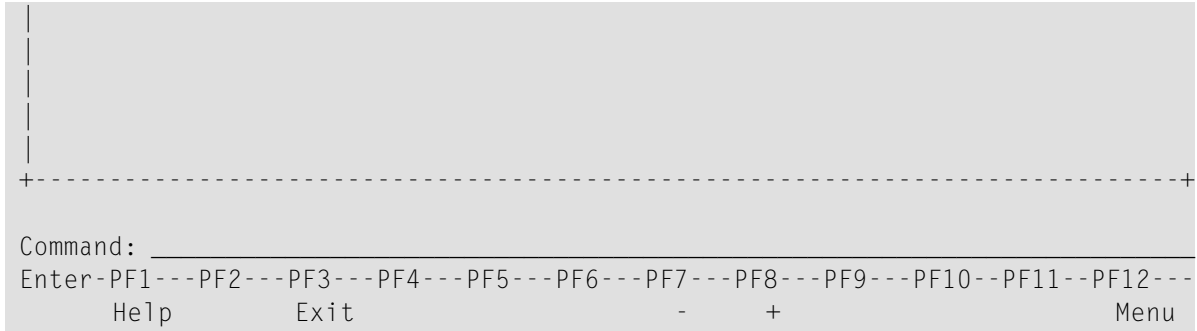
The Target Definitions screen appears, similar to the one shown below:

```

17:52:25          A D A B A S - R E V I E W          2003-07-07
                Target Definitions                    LOCL=00221

```

Se1	DBID	Target Name	Ver	SVC	RevCom
—	00000	DEFAULT TARGET	712	236	Y
—	00221	DATABASE-00221	712	236	



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.
RevCom	Local mode only. Indicates whether the Review command processor includes commands issued by the Review online system in its reports. Used if the 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

▶ **To edit an existing target**

- 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

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.

4 Defining Review User Fields

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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.

▶ **To define custom reporting fields**

- 1 Set parameters to be read at Adabas Review startup.
- 2 Modify the REVIEW-ADABAS-Vvrs-CLOG DDM to reflect the data types and lengths.

Step 1. Setting Parameters

Field definition parameters are read from the RVUFLD dataset.

Sample parameters are provided in member USRPARM in the Adabas Review source library.

Rules of Syntax

```

NAME = USERFLDn
  LEN = length
  INTYPE= { C | B | T }
  OUTTYPE= { C | N | H | T | G }
  { OFFSET = offset-into-clog | CLEXOFF = offset-into-clex }
  DISPLEN = output-data-length
  HEADER = output-field-name
  CALC = { YES | NO }

```

- Each field is defined by a NAME statement followed by field description statements.
- Possible values for the NAME statement are USERFLD1 through USERFLD5.
- NAMES must be coded in ascending order with no gaps; for example, USERFLD2 must be followed by USERFLD3, not USERFLD 4.

Keywords

Parameter	Values	Description
NAME	USERFLD1 through USERFLD5	Field name
LEN	numeric	Length of the field in the command log (CLOG) or the command log extension (CLEX).
INTYPE	C (character) B (binary) T (time)	Format of the data in CLOG or CLEX.
OUTTYPE	C (character) N (numeric) H (hexadecimal) T (time) G (Gregorian date)	Format of the data when printed or displayed.
OFFSET	numeric in decimal, not hex	Offset into the command log (CLOG). Mutually exclusive with CLEXOFF. Set one or the other, not both.
CLEXOFF	numeric in decimal, not hex	Offset into the command log extension (CLEX). Mutually exclusive with OFFSET. Set one or the other, not both.
DISPLEN	numeric	Length of the data when printed or displayed.
HEADER	alphanumeric, 8-byte maximum	Name of the field when printed or displayed.
CALC	YES NO	Whether the field can be used for SUM, AVG, PCT, RATE.

Step 2. Modify the REVIEW-ADABAS-V vrs -CLOG DDM

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-V vrs -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.

Example of Defining Review Fields

For example, if you want to display the first eight characters of the value buffer in Hex in a summary report, we must know that all Review fields like xxSEGnn are stored in CLEX+736.

For the example, the specifications for the RVUFLD data set are:

```
NAME=USERFLD1
LEN=8
INTYPE=B
OUTTYPE=H
CLEXOFF=736
DISPLEN=16
HEADER=VB_HEX
CALC=NO
```

The specifications for the example Report are:

Field	Order
SEQUENCE	_10
CMD_____	_20
VBSEG01_	_30
USERFLD1	_40

It is important that the VBSEG01 field gets a lower order number than USERFLD1. In this case the characters of CLEX+736 are filled in first before the values are filled in. If you change the order, the field USERFLD1 is empty.

The specification for the DDM is:

I	T	L	DB	Name	F	Leng	S	D	Remark
3	EH			USER-FIELD1	B	8			(1:7)

The report appears as follows:

Defining Review User Fields

Sequence	VB_HEX
688	C1C4C44040404040
689	E2E8E2D9C5E5C4C2
690	E2E8E2D9C5E5C4C2
691	5C5C5C5C5C5C5C5C

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