

Adabas Review

Displaying Statistics

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 Displaying Statistics

This section discusses the functions within Adabas Review that display statistics about databases and other Adabas Review target objects. These functions include

- accessing Adabas Online System;
- displaying information about target objects monitored by Adabas Review; and
- listing active target objects.

The Adabas Review Displaying Statistics documentation is organized in the following topics:

	Accessing Adabas Online System
	Using Target Object Functions

2 Accessing Adabas Online System

Adabas Online System (AOS) is a selectable unit of Adabas that enables database administrators to monitor and change aspects of an Adabas database interactively. Refer to the *Adabas DBA Reference Documentation* for more information about Adabas Online System.

If Adabas Online System is installed on your system and you have access privileges to it, you can access it from Adabas Review.

▶ To access Adabas Online System from Adabas Review

- Enter the code `A0` on the command line.

3 Using Target Object Functions

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Target objects are databases that may be monitored by Adabas Review.

A *target definition* provides Adabas Review with characteristics of the target object to be monitored. Adabas Review uses the target definition of Adabas targets to generate INPUT cards for Adabas Review reports that are autostarted or run in batch mode.

Adabas Review provides three functions for target objects:


Code	Function	Action
AA	Adabas Availability	Lists target objects for a particular SVC.
ET	Edit Target Definitions	Used to create target definitions.
LT	List Target Definitions	Lists existing target definitions.

The Edit Target Definitions (ET) function is usually performed by the Adabas Review administrator. For more information about this function, refer to the chapter *Administrative Functions*.

This chapter covers the following topics:

Using the Adabas Availability Function

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

 **Note:** For z/VM and BS2000, these are the targets in the local ID table manager (ITM).

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

- Enter the AA code on the command line.

```
16:38:08          A D A B A S - R E V I E W          2003-07-07
                   Available SVCs                    LOCL=12345

                   Mark One SVC to be queried with 'X'

                   +-----+
                   | _ 206  |
                   | _ 237  |
                   |         |
                   +-----+
```

```

+-----+
|                                             |
|                                             |
+-----+

Command: _____

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

```


The Available SVCs screen appears where SVC is

- for OS/390, z/OS, and VSE/ESA, the supervisor call (SVC) number used for communications with the target object; or
- for z/VM and BS2000, the targets in the local ID table manager (ITM).

The SVC list can be maintained by the Review administrator using the SV function from the main menu. See the section *Administrative Functions* for more information.

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

- Mark the SVC on the list with an "X" and press ENTER.

 **Caution:** The list of SVCs includes those known to Adabas Review from the SV function. Adabas Review does not know whether the SVC is active or not. If you select an SVC that is not active, the system may crash. Therefore, ensure that the SVC is active before you select it from this screen.

```

16:44:24          A D A B A S - R E V I E W          2003-07-07
                  Available Databases                 LOCL=12345

                Mark one DBID to be queried with an 'X'

+-----+
| _ 02044 |
| _ 00235 |
| _ 00239 |
| _ 00134 |
| _ 02047 |
| _ 00355 |
| _ 00233 |
| _ 00222 |
| _ 00052 |
| _ 00351 |
| _ 12345 |
+-----+

```

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

The Available Databases screen appears where DBID is the ID number of the target object.

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 DBIDs on this screen is the result of a direct query to the SVC and includes only the active databases using that SVC. If none of the databases using the selected SVC are active, this screen is blank.

► **To display detailed information about a particular Adabas target**

- Mark one target ID on the list with an X and press ENTER .

The Adabas Availability screen appears:

```
16:34:00          A D A B A S - R E V I E W          2003-09-08
                ADABAS Availability

  Pool / Queue      Length  MaxUsed  MaxPct      Various Statistics
+-----+-----+-----+-----+-----+-----+
! NAB (Attch Bffr)  65536    512      0.7 ! ! Dbname  MATTHIAS-ADABAS !
! NC  (Cmd Queue)   3840   1529216  39823.3 ! ! Dbid      204 !
! LFP (Fmat Pool)   12000     0        0.0 ! ! SVC       236 !
! NH  (HoldQueue)   560056    56        0.0 ! ! Commands  1 !
! LI  (ISN Table)   10000     0        0.0 ! ! IOs       328 !
! LQ  (Seq Cmds)    10000     0        0.0 ! ! Threads   6 !
! NU  (UserQueue)   6528     1088     16.6 ! ! Bffr Eff  0.0 !
! LWP (WorkPool)    150000    16976     11.3 ! ! Bffr Flushes 1 !
+-----+-----+-----+-----+-----+-----+
! Fmat Overwrites  0 !
  Component      Reads   Writes   ! Fmat Trans  17 !
+-----+-----+-----+-----+-----+
! Thread Sw      326 !
! Throwbacks     0 !
+-----+-----+-----+-----+-----+
! Data           2       1 !
! Work           3       3 !
+-----+-----+-----+-----+-----+

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

Only Adabas targets can show detailed information. Other target types such as Entire Net-Work or Entire System Server display the message

REV0272 - DATABASE dbid IS A NON-ADABAS TARGET

Listing Target Definitions (LT)

The List Target (LT) Definitions function displays the existing target definitions.

▶ To display the list of target definitions

- Enter the code LT on the command line.

An example of the resulting Target Definitions screen is shown below:

```

20:51:58                A D A B A S - R E V I E W                2003-07-07
                        Target Definitions                        LOCL=00009

```

Se1	DBID	Target Name	Ver	SVC	RevCom
—	00000	DEFAULT TARGET	711	227	N
—	00009	DATABASE-00009	711	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:

Column	Description
DBID	Number of the target database.
Target Name	Name assigned to the target by the user.
Ver	Version, revision, and system maintenance level.
SVC	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.

From the Target Definitions screen, target definitions may be edited or purged. Because these maintenance functions are performed by the Review administrator, they are described in the section *Administrative Functions*.

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