Adabas Review

Saved and Started Reports

Version 4.4.1

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Adabas Review

This document applies to Adabas Review Version 4.4.1 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 Saved and Started Reports

A report must be started so that it can accumulate data. After you have completed your report, you may start it immediately, or save it to be started at another time.

To save a new or modified report

- Press PF5 or enter the SAVE command on the command line.

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

To start a new report

- Press PF6 or enter the START command on the command line.

  The START command first executes the SAVE command to save the report definition and generate the display program. A message is then displayed, indicating that the online report has been started.

  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 START command for the report.

To start an existing (saved) report

- Enter the ST command on the selection line preceding the report name from the Report Definitions screen (LR function).

  Adabas Review responds with a message indicating that the online report has been started.

Started reports may be suspended, reactivated, closed, or refreshed. These commands are issued from the Started Reports screen (`LS` function).

The Adabas Review Saved And Started Reports documentation is organized in the following topics:

•	**Listing Started Reports**
•	**Displaying Active Report Information**
•	**Suspending Reports**
•	**Reactivating Reports**
•	**Refreshing Reports**
•	**Closing Reports**
•	**Switching Command Log Files**

2 Listing Started Reports

The `List Started Reports` (`LS`) function lists reports that have been started. It provides commands to close, suspend, reactivate, and refresh started reports and view, download to a PC, print, and purge the report output. In addition, you may edit the report definition or its corresponding display program.

To access the List Started Reports function

- Enter `LS` on the command line.

  The Started Reports screen is displayed.

```
11:27:30                 A D A B A S  -  R E V I E W                2003-07-07
                               Started Reports                       HUB=00221

                                                  Sum/     Log   Start
Display
  Sel     Report Name                 DBID Stat Det Hist File  Time
Program
+-------------------------------------------------------------------------------+
| __   COMMANDS BY HOUR               _235   A   S   N   02   00:39  SR-00004 |
| __   EXCEPTIONAL RESPONSE CODES     _235   A   S   N        05:36  SR-00002 |
| __   LAST 500 ADABAS CALLS          _231   I   S   N        00:39  SR-00038 |
| __   LAST 500 ONLINE TRANSACTIONS   _231   A   S   N        11:18  RD-00001 |
| __   NATURAL APPLICATION SUMMARY    _235   A   S   N        00:39  RD-00004 |
| __   NATURAL SUMMARY                _235   I   S   N        00:39  SR-00005 |
| __   SUMMARY REPORT BY FILE         _235   A   S   N        00:39  SR-00001 |
| __   SUMMARY REPORT BY FILE NUMBER  _235   A   S   N        00:39  RD-00002 |
| __   TRANSACTION COUNT BY JOB-USER  _232   A   S   N        00:39  SR-00011 |
| __   TRANSACTION COUNT BY NATURAL   _235   I   S   N        00:39  SR-00012 |
|                                                                               |
|                                                                               |
+-------------------------------------------------------------------------------+
```

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

An explanation of the Started Reports screen is provided in the table below:

Heading	Explanation
Sel	Selection line. Commands are entered on the selection line preceding the report name. For a list of available commands, enter a ? on the selection line.
Report Name	Name of the report.
DBID	Database for which the report collects data.
Stat	Report Status. Possible values are as follows: ■ "A": Active. The report has been started and is accumulating data. ■ "I": Inactive. The report has been suspended because it exceeded the storage amount specified in the `MAX K` report option parameter. ■ "S": Suspended. The report has been suspended because a `SUSPEND` command has been issued for the report.
Sum/Detail	■ "S": indicates a summary report; ■ "D": indicates a detail report.
Hist	Indicates whether the report writes history data.
Log File	Indicates the number of the current log file for the report.
Start	Indicates the time at which the report started accumulating data. A time of "0" indicates that no data has been accumulated for the report.
Display Program	Lists the name of the program generated to display report output online.

PF7 and PF8 have been provided as scroll keys. If more than one screen of report names exists, PF8 or (+) scrolls the list forward and PF7 or (-) scrolls the list backward.

To issue a command from the Started Reports screen

- Enter the command on the selection line preceding the report name.

Cmd	Action
`CL`	Close the report
`DD`	Display report information
`DL`	Download report output
`EP`	Edit display program
`ER`	Edit report definition

Cmd	Action
HC	Print report output (hard copy)
IN	Display active report information
PS	Purge report output
RA	Reactivate report
RF	Refresh report
SU	Suspend report
SW	Switch CLOG data set
VW	View report output

3 Displaying Active Report Information

From the Started Reports screen, the command `IN` displays the Active Report Information window that provides current accounting information for the report named. The values need to be interpreted based on limits set for the report in the Report Options.

To display information about an active report's use of memory

- Enter the `IN` command on the selection line preceding the report name from the Started Reports screen.

  The following window appears:

```
11:27:30                 A D A B A S  -  R E V I E W                2003-07-03
                               Started Reports                       HUB=00221

                                                  Sum/     Log   Start Display
  Sel     +-------------------------------------------------------+Program
+-------- |                  Active Report Information            |-------+
| __   CO |                                                       |-00004 |
| __   EX |  Report name . . . . . . . . COMMANDS BY HOUR          |-00002 |
| __   LA |  Max storage avail . . . . . 8,192                     |-00038 |
| __   LA |  Storage used  . . . . . . . 4,096                     |-00001 |
| __   NA |  Remaining storage . . . . . 4,096                     |-00004 |
| __   NA |  Records processed . . . . . 10                        |-00005 |
| __   SU |  Account entries . . . . . . 4                         |-00001 |
| __   SU |  Account record len  . . . . 80                        |-00002 |
| __   TR |  ADT length  . . . . . . . . 8                         |-00011 |
| __   TR |  Number of levels  . . . . . 2                         |-00012 |
|         |                                                       |       |
|         |  Press PF3 to exit                                    |       |
+-------- +-------------------------------------------------------+-------+

Command: ____________________________________________________________________
```

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

The example Active Report Information window represents a summary report and indicates

- the total storage allocation for the report as limited by the `MAXSTORE` report parameter, along with an indication of the amount of storage currently used and the amount remaining for use.

When the total storage allocation for a report is equal to the `MAXSTORE` value, the report is marked as inactive and stops accumulating data. The report is automatically restarted if the RESTART report option is set to "Y".

- the number of commands (records) processed by the report.
- the number of entries (that is, unique control breaks) that the report currently maintains. The maximum number is set by the ENTRIES report option and is used to restrict the amount of data collected.
- the length of the control break record and the length of the Account Data Table (ADT), which is an internal Adabas Review control block.
- the number of control break levels.

4 Suspending Reports

By suspending a started report, you stop it from accumulating any further data; the data already accumulated is not purged.

To suspend a report

- Enter the `SU` command on the selection line preceding the report name from the Started Reports screen.

  The status of the report on the Started Reports screen is changed from A(ctive) to S(uspended). A message indicating a change in report status is displayed.

5 Reactivating Reports

You may reactivate a suspended report so that it resumes collecting data.

To reactivate a suspended report

- Enter the RA command on the selection line preceding the report name from the Started Reports screen.

  The status of the report on the Started Reports screen is changed from S(uspended) to A(ctive). A message indicating a change in report status is displayed.

6 Refreshing Reports

When you refresh a report, you purge the accumulated data and restart the report.

You are prompted to refresh a report when you make changes to a started report and attempt to restart it. This is because the name of the report currently accumulating data matches the name of the report you are attempting to start; Adabas Review does not permit reports with duplicate names.

To refresh a report

- Enter the command RF on the selection line preceding the report name.

  Adabas Review then purges the accumulated data and restarts the report; a message is displayed indicating that the report is refreshed.

7 Closing Reports

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 `CLOSE` command was issued may not be viewed online after the `CLOSE` command completes.

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

Reports in an Active, Inactive, or Suspended status may be closed.

To close a started report

1. Enter the `CL` command on the selection line preceding the report name on the Started Reports screen.

   Depending on the setting of your profile, you may be prompted to confirm the purge request. This is because the `CLOSE` command writes the data accumulated by the report to the output device, then purges the data accumulated by the report.

2. Confirm the purge request, if required.

   If the report option RESTART=Y is specified in the report definition, the report is restarted, and the status is set to A(ctive).

8 Switching Command Log Files

The `SW` command is used to switch to the next command log file that has been defined for a particular report, *before* the current file is filled.

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

Note: This command does not negate normal command file switching, nor does it switch the command log file for any report other than the one selected.

To switch to the next command log file

- Enter the `SW` command on the selection line preceding the report name on the Started Reports screen.

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