

Adabas Review

Managing History Data

Version 4.4.1

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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 Managing History Data

If any reports are set to save history data to the Adabas Review repository, data will accumulate that needs to be managed. This part of the documentation explains how to

- list the reports that are accumulating history data;
- expand the list to show all instances of data collection for each report;
- compress multiple instances into a summary report; and
- delete (purge) history data accumulated by a report.

The Adabas Review Managing History Data documentation is organized in the following topics:

	Listing History Reports
	Expanding the List of History Reports
	Compressing Accumulated History Report Data
	Purging Accumulated History Data

2 Listing History Reports

The List History Reports (LH) function lists reports that have written history data to the Adabas Review repository, and provides commands to view history data, download it to a personal computer, submit it for hard copy printing, and purge it. In addition, you may edit the report definition and its corresponding display program.

► To access the List History Reports function

- Enter the code LH on the command line.

The Adabas History Reports screen is displayed:

14:22:33		A D A B A S - R E V I E W			2003-07-07	
		Adabas History Reports			HUB=00221	
Sel	Report Name	Recs	Reports	Date Range		
+-----+						
_	A DETAIL HIST	222	1	07-23-2002	-07-23-2002	
_	COMMANDS HISTORY	89	4	07-27-2002	-07-27-2002	
_						
_						
_						
_						
_						

```

|  —
|  —
|  —
|  —
|  —
+-----+

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

```

An explanation of the Adabas History Reports screen is provided in the following table:

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.
Recs	Records. Indicates the number of records written to the Adabas Review repository by this report.
Reports	Indicates the number of times that history data was written for the report.
Date Range	Starting and ending dates in which the report was run. If the "Reports" column indicates more than one occurrence, the dates are inclusive.

PF8 has been provided as a scroll key. If more than one screen of report names exists, PF8 or (+) scrolls the list forward.

► To issue a command from the Adabas History Reports screen

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

You may use the following commands:

Cmd	Action
CH	Compress history report
DD	Display report information
DL	Download history data (from expanded list only)
EP	Edit display program
ER	Edit report definition
EX	Expand history list (from summary screen only)
HC	Print history data (hard copy)

Cmd	Action
PH	Purge history data (from expanded list only)
VW	View history data

3 Expanding the List of History Reports

If the list of history reports (LH function) shows a report name as having more than one report, it means that the report has collected data on more than one occasion. Data has been stored on the history file each time the report was active.

► To view information about each time a report has collected data

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

The Expanded History List screen that appears is similar to the one shown below:

14:42:14	A D A B A S - R E V I E W		2003-07-07
	Adabas History Reports		HUB=00221
Se1	Report Name	Start	Stop
+	-----	-----	-----
_	COMMANDS HISTORY	05-27-2002 13:30:11	07-27-200213:46:27
_	COMMANDS HISTORY	05-27-2002 13:46:29	07-27-200214:02:56
_	COMMANDS HISTORY	05-27-2002 14:02:58	07-27-200214:18:19
_	COMMANDS HISTORY	05-27-2002 14:18:42	07-27-200214:33:38
_			
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|  _  
|  _  
|  _  
|  _  
|  _  
+-----+  
Command: _____  
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---  
      Help      Exit                               +                               Menu
```



Note: A start time of CMPRSED indicates that the report occurrence is the result of the compress history (CH) command.

4 Compressing Accumulated History Report Data

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The compress history (CH) command causes all report occurrences within a date range to be summarized into a single report occurrence. The original report occurrences will then be purged.

This chapter covers the following topics:

Cautions

- Using the CH command can dramatically reduce the number of records used to represent the report. However, since the individual report occurrences are deleted, you will lose the ability to view this data by different date ranges. All of the original report occurrences become one summarized report occurrence.
- If the CH command terminates abnormally for any reason, the original history data could be lost. It is recommended that a backup be made before executing this command. In the event of abnormal termination, 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 into the command line of the Adabas Review Main Menu:

```
RESET HISTORY FILE
```

If history records were indeed lost, the reset program will inform you of this.

Advantages

- Once a date range has been compressed, it can be "recompressed" along with new report occurrences. For example, all occurrences of a report that happen during a month can be compressed into a monthly summary. At the end of the year, these monthly summaries can be compressed into an annual summary report.
- Unlike viewing history reports by date range, compressed reports can display percentage and rate fields, if they are viewed from the Expanded History List.

Start Times for Compressed Reports

All report occurrences that have been compressed will show a start time of CMPRSSED on the Expanded History List.

Compression Procedure

► To compress accumulated history data

- 1 From the History Reports screen, enter the CH command to compress history data for a specific report and press ENTER .

You are prompted to enter a date range for the records to be compressed.

- 2 Enter the date range and press ENTER.

A message is displayed, warning you that records could be lost due to abnormal termination.

- 3 Enter "Y" and press ENTER to continue

Or:

Enter "N" and press ENTER to cancel the compress command.

You are returned to the History Reports screen.

You are prompted to enter an ET (End Transaction) factor.

- 4 Enter an ET factor and press ENTER.

The ET factor describes the number of Adabas calls that will be performed before an ET (end transaction) is issued. There is no default value. If a value of less than 5 is entered, 5 will be assumed. A good value to start with is 25.

Or:

Press ENTER to accept the default value of 25.

Messages report the progress of the history data compression. The final message, "History report compression complete", indicates that the compression has completed.

5 Purging Accumulated History Data

The data accumulated by a history report is purged using the PH command.

► **To purge accumulated history data**

- 1 From the History Reports screen, enter the EX command to expand the list so that all occurrences for the particular report are displayed.
- 2 From the expanded list, select the occurrence you want to delete, type the PH command on the selection line preceding the report name, and press ENTER.

Depending on the setting in your profile, you may be prompted to confirm the purge request.

- 3 Confirm the purge request, if required.

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