

Buffer History

This function can be used to display the Adabas Fastpath buffer history information that has been recorded in the Adabas Fastpath configuration file either

- automatically (see the Adabas Fastpath Log Parameter) or
- by using the log function of Adabas Fastpath Special Services.

If history logs are present for more than one buffer, selecting option code 3 from the main menu or entering the direct command 3 from the command line displays the following screen:

```

10:59:34      ***** A D A B A S  FASTPATH SERVICES 8.1.2 *****      2006-05-19
                - Buffer History -                                     F13000MA

                Please mark to select Buffer for History Display

                _ AFP811A      Global
                _ SYSCO33      Global

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

```

Buffer History Selection

Mark the buffer for which history information is to be provided. The following Buffer History Available screen appears:

Note:

This is the first screen displayed if history logs exist for only one buffer.

```

11:06:19      ***** A D A B A S  FASTPATH SERVICES 8.1.2 *****                2006-05-19
              - Buffer History Available for Global SYSCO33 -                    F13100MA

```

Buffer Sel Session	<---Logged at---> Date Time	<---Direct Access---> Attempts Optimized	<----Read-ahead-----> Attempts Optimized
___ 42	May 15,2002 12:38 E		
___ 43	May 15,2002 12:55 E		
___ 44	May 15,2002 15:27 E		
___ 45	May 15,2002 16:09 E		
___ 46	May 15,2002 17:08 E		
___ 47	May 15,2002 17:45 E		
___ 48	May 15,2002 17:48 E		
___ 49	May 16,2002 11:07 E	144 97	140 80
SS 50	May 16,2002 12:14	147 51	168 96
___ 50	May 16,2002 13:14	193 129	182 104
SS 50	May 16,2002 14:14 E	364 256	360 234
___ 51	May 16,2002 14:27 E		

Select using S or an SS pair, Purge using P or a PP pair.
Position to: Jul 25,2002

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12
Help Exit Reset Top Next Menu

Buffer History

This screen displays a line for each log record of the selected (or default) buffer. Each line includes the following information:

Column	Description
Sel	<p>The following option codes can be used to process one or more lines (records) of the log:</p> <p>s: display details for one log record ss: display the difference in statistics between a pair of log records p: purge a single log record pp: purge from the first to the last marked log records t: display trace counts for one record tt: display the difference in trace counts between a pair of logs</p> <p>You must enter the options ss pp tt in pairs. The second element of the pair need not be on the same screen but must be within the same buffer session.</p> <p>Use PF6 to clear all entries in the Select column.</p>
Buffer Session	The buffer session number. Certain operations cannot be performed across sessions.
Logged at Date/Time	The date and time the log was recorded.
E M	E indicates end-of-job. M indicates a special log request using the function Special Services.
Direct Access Read-Ahead	The number of attempted and successful direct access and read-ahead optimizations for each logging period.

Use PF8 to display the next page of log records.

If option code ss is marked for a pair of records, the following History Interval screen appears. This screen displays the statistics for the time interval specified in the screen heading.

```

11:07:11 ***** A D A B A S FASTPATH SERVICES 8.1.2 *****
                History Interval - May 19,2006 12:14 to 14:14
                                                    2006-05-19
                                                    F13110MA

Buffer Type: Global      Name: SYSCO33          SVC: 240 DB: 33
Connected to:                               Buffer Status : Active
Started:   May 19,2006   at: 11:14             Ave Memory Val: 51
Address:   099CB000 Size(k): 1024             Session Number: 50

----- Buffer Statistics -----

Access Type           Attempts (46%) <-----Successes (68%)

Read-ahead:           360 (23%)                234 (65%)
Direct:               364 (23%)                256 (70%)
RCs:                  (0%)                    (0%)
Excluded:             865 (54%)

Total:                 1,589 (100%)            490 (31%)

-----

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12
      Help      Exit      Next  Excl  Gen   Buff  Parm      Menu
    
```

History Interval Logs

The information contained on this screen is exactly like the General Information screen available directly from this screen by pressing PF7. The excluded command analysis, buffer memory and parameter screens can also be invoked by pressing PF6, PF8, and PF9, respectively. All of these screens are described in the section Buffer Information.

If, on the Buffer History screen, you marked a record with an s instead of marking a pair, the following screen will appear displaying the statistics at the time the history log was recorded:

```

11:07:11 ***** A D A B A S FASTPATH SERVICES 8.1.2 *****                2006-05-19
          - Buffer History - Logged May 19,2006 12:14 -                          F13110MA

Buffer Type: Global      Name: SYSCO33          SVC: 240 DB: 33
Connected to:                               Buffer Status : Active
Started:   May 19,2006   at: 11:14             Ave Memory Val: 51
Address:   099CB000 Size(k): 1024             Session Number: 50

----- Buffer Statistics -----
Access Type           Attempts (13%) <-----Successes (46%)

Read-ahead:           168 (7%)                96 (57%)
Direct:               147 (6%)                51 (34%)
RCs:                  (0%)                    (0%)
Excluded:             865 (87%)

Total:                1,865 (100%)           147 (6%)

-----

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12
      Help      Exit      Next  Excl  Gen   Buff  Parm      Menu
    
```

Buffer History

This screen displays the details for a single log record. PF keys can be used to display the next sequential log record until the end of session is found:

PF Key	Displays...
PF5 Next	The statistics from the current log record.
PF10 Next	The difference between the current and previous log records. The effect of this function varies depending on the type of information being displayed. This key can be used to skip from one statistics time slice to the next showing the statistics achieved in that time slice (taking the difference between one time slice and the next rather than simply displaying the details of each time slice).

Other PF keys provide direct access to the Excluded Command Analysis, General Information, Buffer Memory, and Parameter screens, which are described in the *Buffer Information* section.