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:

```
10:22:42      ***** A D A B A S   FASTPATH SERVICES 8.2.1 *****      2010-10-25
                     -  Buffer History  -                           F13000MA


               Please mark to select Buffer for History Display

                        _    AFP17004   Global
                        _    A8P17004   Global
                        _    A8P17013   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.

```
10:24:38      ***** A D A B A S   FASTPATH SERVICES 8.2.1 *****        2010-10-25
              -  Buffer History Available for Global A8P17004  -     F13100MA


        Buffer   <---Logged at--->    <------------Optimization-------------->
  Sel   Session  Date        Time                            Attempts      Optimized

  __    104      Oct 18,2010 13:37    Direct-access              105            90
                                      Read-ahead
  __    104      Oct 18,2010 14:37    Direct-access              105            90
                                      Read-ahead
  __    104      Oct 18,2010 15:14 E  Direct-access             1039           593
                                      Read-ahead                 462           322
  __    105      Oct 18,2010 15:17 E  Direct-access
                                      Read-ahead                   5             2
  __    106      Oct 18,2010 16:17    Direct-access
                                      Read-ahead                   6             2
  __    106      Oct 18,2010 17:17    Direct-access
                                      Read-ahead                   6             2
  Select using S or an SS pair, Purge using P or a PP pair.
    Position to: Oct 18,2010

  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 two-line summary for each log record of the selected (or default) buffer. The summary includes the following information:

Column	Description
Sel	The following option codes can be used to process one or more lines (records) of the log: 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 You must enter the options ss pp in pairs. The second element of the pair need not be on the same screen but must be within the same buffer session. Use PF6 to clear all entries in the Select column.
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	The number of attempted and successful direct access optimizations for each logging period.
Read-Ahead	The number of attempted and successful 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.

```
10:27:36     ***** A D A B A S   FASTPATH SERVICES 8.2.1 *****     2010-10-25
 History Interval -       Oct 18,2010 14:37 to 15:14                 F13110MA

   Name: A8P17004                          SVC:  254  DB:  17004
   Connected to:                           Buffer Status : Buffer Stopped
   Started:  Oct 18,2010   at: 11:37       Ave Memory Val: 2
   Address:  176FE400 Size(k): 1023        Session Number: 104


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

    Access Type              Attempts  (42%)    <---------Successes  (59%)

    Read-ahead:                  462  (14%)                  322  (69%)
    Direct:                      815  (25%)                  384  (47%)
    RCs:                         119   (3%)                  119  (14%)
    Others:                    1,862  (58%)

    Total:                     3,258 (100%)                  825  (25%)
  -------------------------------------------------------------------------



  Command ==>



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

```
10:26:11     ***** A D A B A S   FASTPATH SERVICES 8.2.1 *****      2010-10-25
 Buffer History - Logged    Oct 18,2010 15:14                              F13110MA

   Name: A8P17004                          SVC:  254  DB:  17004
   Connected to:                           Buffer Status : Buffer Stopped
   Started:   Oct 18,2010   at: 11:37      Ave Memory Val: 2
   Address:   176FE400 Size(k): 1023       Session Number: 104


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

     Access Type              Attempts  (42%)    <----------Successes  (60%)

     Read-ahead:                  462  (13%)                   322  (69%)
     Direct:                      920  (26%)                   474  (51%)
     RCs:                         119   (3%)                   119  (12%)
     Others:                    1,995  (58%)

     Total:                     3,496 (100%)                   915  (26%)
   --------------------------------------------------------------------------



  Command ==>



Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit        Next  Excl  Gen   Buff  Parm  ZNext       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.