

Adabas Fastpath Tools

This section describes the tools provided with Adabas Fastpath.

- Optimization Sampler (AFPLOOK)
- Online Administration (SYSAFP)
- Buffer Operation and Reporting (AFPCMD)

Optimization Sampler (AFPLOOK)

The Adabas Fastpath command analysis sampler (AFPLOOK) can be used to determine which database commands have the most potential for Adabas Fastpath optimization.

The following are examples of AFPLOOK output.

The first screen shows the overall potential optimization for database 50:

```

12:33:10      ***** A D A B A S   FASTPATH SERVICES 8.2.1 *****      2006-05-19
                - Afplook - Summary for DB 50 -                          F16300MA

                Afplook Started May  19, 2006 at 12:30 by   UKDEV1

----- Potential Optimization Summary -----

                Sampled Commands                                Potential Optimization

Sampled File Commands      57960 (75%)  <=== Sequential:          2797 ( 5%)
                                   Direct Access:        30597 (53%)
                                   RCs:                  22194 (38%)

Excluded Commands         19115 (25%)

Totals                     77075 (100%)                                55588 (72%)
-----

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

```

AFPLOOK Potential Optimization Summary

The second screen shows the potential optimization for all files in database 50:

```

12:31:26          ***** A D A B A S   FASTPATH SERVICES 8.2.1 *****          2006-05-19
                   Afplook - Files Summary for DB 50                               F16200MA

                   Started: May 19,2006 at: 12:30 by: UKDEV1

C   Fnr      Total          Direct Access          RCs          Sequential
-   50      3282 ( 3%)      1641 (50%)      1641 (50%)
-   52      2428 ( 2%)      1214 (50%)      1214 (50%)
-   53      3144 ( 3%)      1564 (50%)      1564 (50%)
-   55      1644 ( 1%)      822 (50%)      822 (50%)
-   64       821 ( 1%)      821
-   87      1640 ( 1%)      820 (50%)      820 (50%)
-  135     12432 (10%)      7102 (57%)      5330 (43%)
X  137     51540 (43%)      28455 (55%)      16876 (33%)      3547 ( 7%)
-  139      5324 ( 4%)      2662 (50%)      2662 (50%)
-  143     19514 (16%)      8870 (45%)      7983 (41%)      1774 ( 9%)
-  144      3551 ( 3%)      1776 (50%)      1775 (50%)
-  191      3226 ( 3%)      1378 (43%)      908 (28%)      470 (15%)
-  250      9432 ( 8%)      5623 (60%)      3809 (40%)
Total      122202 (100%)
Mark to Display File Details

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help           Exit Refr                               Sumry
    
```

AFPLOOK Files Summary

The third screen shows the optimization potential for file 137 in database 50.

```

12:32:21          ***** A D A B A S   FASTPATH SERVICES 8.2.1 *****          2006-05-19
                   - Afplook - Details for DB 50 File 137                       -          F16210MA

                   Started: May 19,2006 at: 12:30 by: UKDEV1

CC DE Direct Acc          RCs Sequential Sequences          Non-Qualifying
L3 S5      23902      20508          6752          394          Updates 32
S1 S5      54584      27093
L3 S1      23670      16889          6781          6781          Deletes 0
L1 --              6748
L9 TA      13032      13032
L9 S5       9326          16478          7896          Prefetch 0
                                           Excluded 32
                                           Spare 0
                                           No CID 0
                                           Max.CIDs 0
                                           Bad Rsp. 0
                                           Max.Rec.Buff.Len
Total      131262      77522          30011
Total Commands for File          253970          Direct Acc 69
                                           Sequential 63

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

AFPLOOK File Details Display

For more information, see the section AFPLOOK.

Online Administration (SYSAFP)

Adabas Fastpath online administration (SYSAFP) provides a wide variety of online operational and administrative services.

The following services are provided:

Service	Description
System Settings	Maintain Adabas Fastpath configuration file.
Parameter Maintenance	Define/maintain Adabas Fastpath parameters.
Current Activity Displays	Display Adabas Fastpath buffer information.
Buffer History	Display Adabas Fastpath buffer history information.
Printing	Print Adabas Fastpath reports.
Special Services	Perform miscellaneous actions for the Adabas Fastpath components.
Online Sampling (APFLOOK)	Perform optimization sampling.
About Adabas Fastpath	Display Adabas Fastpath release information.

For more information, see section SYSAFP.

Buffer Operation and Reporting (AFPCMD)

The tool AFPCMD provides operating and reporting functions for the Adabas Fastpath buffer. AFPCMD can be invoked using Adabas Fastpath online administration or it can be invoked using Natural in batch mode.

For more information, see section AFPCMD.