

Adabas Fastpath Tools

This section describes the tools provided with Adabas Fastpath.

- Optimization Sampler (AFPLOOK)
- Online Services (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 8.1.1 *****      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 8.1.1 *****          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 8.1.1 *****          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           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           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 Services (SYSAFP)

Adabas Fastpath Online Services (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.
Buffer Statistics	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 (AFPLOOK)	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 online using Adabas Fastpath Online Services or it can be invoked using Natural in batch mode.

For more information, see section AFPCMD.