

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			Inserts 0	
L3 S1	23670	16889	6781	6781	Deletes 0	
L1 --	6748					
L9 TA	13032	13032			Prefetch 0	
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		Direct Acc 69	
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 (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 online using Adabas Fastpath Online Services or it can be invoked using Natural in batch mode.

For more information, see section AFPCMD.