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 7.4.1 *****       2001-09-05
                - Afplook - Summary for DB 50    -              F16300MA


               Afplook Started Sep  5,2001 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 7.4.1 *****        2001-09-05
                   Afplook - Files Summary for DB 50                       F16200MA

                  Started: Sep  5,2001 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 7.4.1 *****        2001-09-05
                  - Afplook - Details for DB 50 File 137        -          F16210MA

                  Started: Sep  5,2001 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.