

Parameter Maintenance

This service is used to define the Adabas Fastpath optimization parameters.

- Parameter Maintenance Menu
- Buffer Parameters
- File Parameters
- Job Parameters

Parameter Maintenance Menu

Selecting option code 1 from the main menu or entering the command 1 on the command line displays the Parameter Maintenance menu.

```

18:21:37 ***** A D A B A S FASTPATH SERVICES 7.4.2 *****                2003-02-30
                - Parameter Maintenance -                                F11000M1

      Code      Service
      ----      -
      1         Buffer Parameters
      2         File Parameters
      3         Job Parameters
      .         Exit
      ----      -
Code ...: _

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

```

Parameter Maintenance

Select an option code to invoke the corresponding menu for the type of parameters to be defined/modified:

- Buffer Parameters
- File Parameters
- Job Parameters

Note:

Before proceeding, you may wish to review the section Adabas Fastpath Parameters which provides a complete list and description of each parameter type.

Buffer Parameters

Selecting option code 1 from the Parameter Maintenance menu or entering 1.1 on a command line displays the Maintain Buffer Parameters screen.

The currently defined Adabas Fastpath buffers are listed.

For an existing buffer, you can enter any of the option codes described below.

You can use PF10 to add a new buffer definition as described in section Adding a New Buffer.

```

12:36:27 ***** A D A B A S FASTPATH SERVICES 7.4.2 *****                2003-05-15
                - Maintain Buffer Parameters -                                F11100M1

      <----- Buffer ----->  Coordinator   Size   Direct   Read-
C   Name      SVC   DBID      Group      (k)     Access  ahead   Comments

_   AFPDAEF   255   11001   AFPGROUP   4096     ON      ON
_   AFPDA2F   255   11002   AFPGROUP   4096     ON      ON
_   AFPDA3F   255   11003   AFPGROUP   4096     ON      ON
_   V742ME01  244   7421   V742GR01   8192     ON      ON
_   V742ME02  244   7422   V742GR01   4096     ON      ON

Mark with D(isplay),M(odify),P(urge),R(ename),C(opy),F(iles)

End of List
Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12
      Help      Exit Refr                                Add      Menu

```

Maintain Buffer Parameters

The following information is provided:

C	Option code (D: display buffer parameters, M: modify buffer parameters, P: purge buffer, R: rename buffer, C: copy buffer, F: file parameters, E: expand to show member buffers). For more information on the Modify function, see Modifying Buffer Parameters.
Name SVC DBID	The buffer name, the Adabas SVC used by this buffer, and the database used by this buffer.
Coordinator Group	The name of the Adabas System Coordinator group in which this buffer is to be a member. Adabas Fastpath buffers operate as members of an Adabas System Coordinator group.
Size	The memory size for this buffer.
Direct Access	Indicates whether or not direct access optimization is to be used for this buffer.
Read Ahead	Indicates whether or not read-ahead optimization is to be used for this buffer.

Adding a New Buffer

To add a new buffer, press PF10 on the Buffer Parameter Maintenance screen. The following screen appears:

```

11:59:24                2003-05-15
      Add Buffer          F11110MB

      Size(k)           : 4096

      System Coordinator
      Group Name : V742GR01
      Member Name: X742ME03

      (Leave empty to select)

Command ==>
      PF1 Help   PF3 Exit   PF5 Add
  
```

Add Buffer

You must provide values for the following fields:

Size	The size of the buffer to be added.
Group Name	The name of the Adabas System Coordinator group in which this buffer is to be a member. Adabas Fastpath buffers operate as members of an Adabas System Coordinator group. The group must have already been defined using Adabas System Coordinator Online Services.
Member Name	The member name is the job name of the Adabas System Coordinator daemon under which this buffer is to operate. The member name may have already been defined. If not you will be prompted to define it by entering the unique Node ID by which this member is to be identified.

Modifying Buffer Parameters

Buffers are added with default parameters. After a buffer has been added, you can view/modify all the default settings by using the d or m option code on the Maintain Buffer Parameters screen. The following sample screen lists the general parameters for buffer V742ME01.

```

12:08:05 ***** A D A B A S FASTPATH SERVICES 7.4.2 *****                2003-05-15
                - Buffer V742ME01 -                                         F11120MA

System Coordinator Group Name: V742GR01   Member Name: V742ME01

Adabas SVC Number:   244           Designated DBID:           7421

Last Modified:       2003-05-12 By User ID:           UKSJU
Last Buffer Address:  00000000   Length: 00000000   Session: 0

----- General Parameters -----

Size(k):              8192           Minimum Buffer Size(k):   0
Maximum Jobs:         12             Set ID Length Limit:     1024
RB Length Limit:     2048

Read-ahead Memory Sizes(k): 4   8   16   32

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

```

Modify General Buffer Parameters

You can use this screen to review and, if necessary, modify any of these buffer parameters.

Refer to section Adabas Fastpath Parameters for a description of each of these parameters.

By pressing PF11, you can display the detail parameters for this buffer:

```

12:09:42 ***** A D A B A S FASTPATH SERVICES 7.4.2 *****                2003-05-15
                Buffer V742ME01                                           F11120MB

Adabas SVC Number:   244           Designated DBID:           7421

Last Modified:       2003-05-12 By User ID:           UKSJU
Last Buffer Address:  00000000   Length: 00000000   Session: 0

----- Detailed Parameters -----

Set Expansion:        8             Set Concurrency:         2
Freespace Index:     512           Average Item Size:       256
Log every n Minutes: 60           Keep for n Days:         30
Autorestart:         Y             Restart every n Hrs:     0

----- Global Operational Control -----

Direct Access:       ON           FIND           Sx/L1:           ON
Read-ahead:         ON           READ PHYSICAL L2:       ON
                                      READ LOGICAL  L3:       ON
                                      HISTOGRAM    L9:           ON

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

```

Modify Detailed Buffer Parameters

You can use this screen to review and, if necessary, modify any of these buffer parameters.

Refer to section Adabas Fastpath Parameters for a description of each of these parameters.

File Parameters

For each Adabas Fastpath buffer, file parameters can be defined which indicate for exactly which databases/files optimization is to be performed. You can access the File Parameters maintenance function:

- from the Parameter Maintenance screen after specifying a previously defined buffer; or
- from any Buffer Maintenance screen.

By pressing PF10 on either of these buffer modify screens, you can access the File Optimization Parameters screen.

```

8:21:37 ***** A D A B A S   FASTPATH SERVICES 7.4.2 *****           2003-02-30
      - File Optimization Parameters for: Global AFP311A -           F11200MA

                                Start  End          Update
                                Time  Time          Sensitivity
C  DBID  File  SVC   Start  End          Update
-  11    7    254   -      -          Record
-  12    7    254   -      -          Record
-  13    7    254   -      -          Record
-  14    7    254   -      -          Record
-  71    7    254   -      -          Record
-  111   66   254   12:00  16:00     Record
-  193   1    -      -      -          Record
-  193   2    -      -      -          Record
-  193   3    -      -      -          Record
-  193   4    -      -      -          Record
-  193   5    -      -      -          Record
-  193   7    254   -      -          Record

Mark with D(isplay),M(odify),P(urge),C(opy)

Top of List
Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12
      Help           Exit  Refr                   Fwd  Bot  Add           Menu

```

File Parameter Selection

This screen lists, for the specified Adabas Fastpath buffer, all databases and files currently defined for Adabas Fastpath optimization.

Note:

You can use the Reposition function to position to a specific database/file in the list.

Field	Description
C	Option code (D: display file parameters, M: modify file parameters, P: purge file parameters, C: copy file parameters).
DBID	Adabas Database ID.
File	Adabas File Number.
SVC	Adabas SVC.
Time	The specific time period during which Adabas Fastpath optimization is to be in effect. See parameter <code>Start Time</code> .
Update Sensitivity	Controls how Adabas update commands are to be processed. See parameter <code>Update Sensitivity</code> .

- Adding File Parameters
- Maintaining File Parameters

Adding File Parameters

In the File Optimization Parameters screen, use PF10 to add a new file parameter. The following screen will appear:

```

12:30:07                                2003-05-15
                                           F11210M1

Add File Optimization Parameter

Buffer Name:  V742ME01
File:        0
             (0 = DB default)
in DBID:     _____
using SVC:   _____ (Optional)

Optional Time Window
Start(HH:MM): _____ End: _____
(Leave empty for 24 hours)

Command ==>
PF1 Help   PF3 Exit   PF5 Add

```

Add File Parameter

File	The Adabas file number for which Adabas Fastpath optimization is to be defined. Note: By not specifying a file number, you can define a default parameter set for all files in a database (in this case only read-ahead optimization but not direct access optimization can be applied). Individual file parameters override a database default parameter.
in DBID	The Adabas database in which the file to be optimized is located.
using SVC	The Adabas SVC number. Note: Normally, the SVC parameter is only used at OS/390, z/OS, MSP, and VSE/ESA sites where multiple Adabas SVCs are required; otherwise, it need not be used. If multiple SVCs are in use, all databases defined for optimization in the same buffer must use the same SVC as the buffer (and the Adabas System Coordinator hosting the buffer).
Time Window	Optimization is only to be in effect within the specified time window. See parameter <code>Start Time</code> .

After a file parameter is added, the File Parameters Maintenance screen can be used to define further optimization parameters which are to be in effect for the file. This is described in the following section.

Maintaining File Parameters

The File Parameters Maintenance function can be invoked by/from:

- automatically from the Add File Parameters function
- by using option code m on the File Parameter Selection screen
- from an AFPLOOK File Display screen or from the File Set Summary List screen by pressing PF4 . Similarly, hot keys on this screen can be used to access AFPLOOK and File Set Summary.
- by entering 1.2 on a command line anywhere in the system, provided that a database and file number have previously been established using this screen or one of the other functions in the hot key chain.

The following screen appears:

```

15:52:22 ***** A D A B A S FASTPATH SERVICES 7.4.2 *****                2003-02-04
- File Optimization Parameters for: Global SYSCO33 -                            F11220MA

File: 7      DBID: 198   SVC: 254      Last Modified: 2003-02-20 by: UKYCL

Start Time (HH:MM): 06:30 End Time: 17:30   Update Sensitivity: R Record

Initial Status:      ON          Set Limit (k): 0          Set Expansion: 0
Set Id Length Limit: 0      RB Length Limit: 0      Set Concurrency: 0
Expanded File:      N          Synchronous Remote Updates:N

----- Optimization Summary -----
Direct Access      +          Read-ahead
L1 Get/Read by ISN ON          |      L1 Read by ISN      ON
L3 Read Logical    ON          |      L2 Read Physical    ON
L9 Histogram       ON          |      L3 Read Logical     ON
S1 Find Records   ON          |      L9 Histogram        ON
S2 Find Sorted     ON          |      S1 Find Records     ON
                  |      S2 Find Sorted      ON
                  |      S8 Process ISN List  ON
                  |      S9 Sort ISN List    ON
PF10 to Modify Direct Access + PF11 to Modify Read-ahead

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12
      Help      Exit      Upd   Look      File  Dir   R-a   Menu

```

File Optimization Parameters

The following parameters can be maintained using this screen:

Parameter	Description
Start Time, End Time	Optimization is only to be in effect within the specified time window. See parameter Start Time. Note: You can enable optimization for a different time window by creating a different parameter set for this file.
Update Sensitivity	Indicates how Adabas Fastpath is to process commands which result in database updating. The following values are permitted: N (none). Ignore all update commands. R (record level). Remove data by identifying single records. F (file). Remove all data for the file held in the Adabas Fastpath buffer. D (distributed record level). Use only on advice from Software AG support.
Initial Status	By setting this field to OFF, you can indicate that the file parameters being defined are not to be activated until this field is changed to ON.
Set Limit	Adabas Fastpath creates sets of direct access command models. This parameter limits the size (in k) of data items within a set.

Parameter	Description
Set Expansion Set ID Length Limit RB Length Limit Set Concurrency	These parameters can be used to decrease (but not increase) the values of the equivalent buffer parameters. These parameters are described in section Adabas Fastpath Parameters.
Expanded File	This field must be set to Y if the file is defined to Adabas as an expanded file. If so, direct access optimization cannot be defined for L3/L9 commands.
Synchronous Remote Updates	Controls the mode used for synchronizing updates. See the parameter Synchronous Remote Updates.
Optimization Summary	<p>The current direct access and read-ahead optimization settings for each Adabas command used for this file.</p> <p>Optimization can be defined for the following commands:</p> <ul style="list-style-type: none"> ● direct access: L1 , L3 , L9 , S1 , S2 ● read-ahead: L1 , L2 , L3 , L9 , S1 , S2 , S8 , S9 <p>Note: Sx commands are generally followed by L1 commands in order to retrieve subsequent records. Although it is the subsequent L1 commands that benefit from read-ahead optimization, control is through the initiating Sx command.</p>

Use PF5 to commit all changes. Use PF3 to exit without applying any changes.

Use PF10 and PF11 to modify the direct access and read-ahead optimization parameters as described in the following sections:

- Direct Access Optimization Parameters
- Read-Ahead Optimization Parameters

Direct Access Optimization Parameters

The following screen is displayed when you press PF10 from the File Optimization Parameters screen:

```

16:12:41      ***** A D A B A S  FASTPATH SERVICES 7.4.2 *****      2003-02-04
              - File Optimization Parameters for: Global SYSCO33 -      F11220MB

File: 7      DBID: 198      SVC: 254      Last Modified: 2003-02-04 By: UKDEV1

Start Time (HH:MM): 06:00 End Time: 19:30      Update Sensitivity: R Record
Initial Status:      ON      Set Limit (k): 0 Set Expansion: 0
Set Id Length Limit: 0      RB Length Limit: 0 Set Concurrency: 0
Expanded File:      N

----- Direct Access Optimization -----

                On/Off      Except for:      Field level overrides
L1 Get/Read by ISN  ON
L3 Read Logical      OFF      Now Optimizes  AA  AB  ___  ___  ___  ___  ___
L9 Histogram        OFF
S1 Find Records     ON      Now Excludes   BB  ___  ___  ___  ___  ___
S2 Find Sorted      OFF                ___  ___  ___  ___  ___  ___

PF11 to Modify Read-ahead

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12
      Help      Exit      Upd  Look      File Back R-a  Menu
    
```

Direct Access Optimization

Field	Description
Command	Adabas read or query command (L1/L3/L9/S1/S2).
On/Off	Indicates whether or not optimization is to be in effect for the command. In the screen example, L1 commands (all fields), L3 commands (for fields AA nd AB only) and S1 commands (excluding S1 commands in which field BB is used as the primary descriptor) are to be optimized. The default is OFF.
Except for	The comments Now Optimizes and Now Excludes are displayed when the Enter key is pressed to illustrate the effect of field level overrides.
Field level overrides	Used to include/exclude certain fields from optimization. In the screen example, L1 commands (all fields), L3 commands (fields AA nd AB only) and S1 commands (excluding field BB) are to be optimized.

Use PF5 to commit all changes. Use PF3 to exit without applying any changes.

Read-Ahead Optimization Parameters

The following screen is displayed when you press PF11 from the File Optimization Parameters screen:

```

16:25:22      ***** A D A B A S  FASTPATH SERVICES 7.4.2 *****                2003-02-04
              - File Optimization Parameters for: Global SYSCO33 -                F11220MC

File: 7      DBID: 198      SVC: 254      Last Modified: 2003-02-04 by: UKDEV1

Start Time (HH:MM): 06:00 End Time: 19:30 Update Sensitivity: R Record
Initial Status:     ON      Set Limit (k): 0      Set Expansion: 0
Set Id Length Limit: 0      RB Length Limit: 0      Set Concurrency: 0
Expanded File:      N

----- Read-ahead Optimization -----
On/Off   Except for:   Field level overrides
L1 Read by ISN      ON
L2 Read Physical    ON
L3 Read Logical     OFF      Now Optimizes   AA  _ _ _ _ _
L9 Histogram        OFF
S1 Find Records     ON      Now Excludes    CC  _ _ _ _ _
S2 Find Sorted      OFF
S8 Process ISN List OFF
S9 Sort ISN List    OFF

PF10 to Modify Direct Access

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12
      Help      Exit      Upd   Look      File Dir  Back Menu
    
```

Read-Ahead Optimization Parameters

Field	Description
Command	Adabas read or query command (L1/L2/L3/L9/S1/S2/S8/S9).
On/Off	Indicates whether or not Adabas Fastpath optimization is to be in effect for the command. In the screen example, L1 commands, L2 commands, L3 commands (only when field AA is used as the primary descriptor) and S1 commands (excluding S1 commands in which field CC is used as the primary descriptor) are to be optimized. The default is OFF.
Except for	The comments Now Optimizes and Now Excludes are displayed when the Enter key is pressed to illustrate the effect of field level overrides.
Field level overrides	Used to include/exclude certain fields from optimization. Field overrides are not applicable for L1/L2 commands. In the screen example, L1 commands, L2 commands, L3 commands (only when field AA is used as the primary descriptor) and S1 commands (excluding S1 commands in which field CC is used as the primary descriptor) are to be optimized.

Use PF5 to commit all changes. Use PF3 to exit without applying any changes.

Job Parameters

Selecting option 3 from the Parameter Maintenance screen or entering 1 . 3 on a command line displays the Maintain Job Parameters screen:

```

12:38:54 ***** A D A B A S FASTPATH SERVICES 7.4.2 *****                2003-05-15
                - Maintain Job Parameters List -                               F11300M1

                                                                 <-Reposition->
                                                                 Type: _____
                                                                 Name: _____
System Coordinator
C Job Type      Job Name      (Buffer) Group Name  Comment  Time period
_ Batch         V742DA2F      AFPGROUP
_               V742DA3F      AFPGROUP
_               V742JB01      V742GR01
_               V742JB02      V742GR01
_               V742JB03      V742GR01
_ CICS Cluster  CICS0414      MROJOB01
_               CICS0514      V742GR01
_               DAEFCIUK      V742GR01
_ TSO           *DEFAULT      BIGBUFF
_ TIAM          TESTTIAM      BIGBUFF

Mark with D(isplay),M(odify),P(urge),R(ename),C(opy)
End of List
Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12
      Help      Exit  Refr      Top   Back      Add  All  Menu

```

Maintain Job Parameters

The following information is provided:

Field	Description
C	Option code (display, modify, purge, rename, copy). For more information on the Modify function, see Maintaining Job Parameters.
Job Type	The job type.
Job Name	The job name.
Group Name	The name of the Adabas System Coordinator group in which this buffer is a member.
Time period	Optimization for this job is only to be in effect within the specified time window. See parameter <code>Start Time</code> . Note: You can enable optimization for a different time window by creating a different parameter set for this job. This allows you to specify different override parameters for a job to be used at different times of the day, perhaps even for different Adabas Fastpath buffers.

Press PF8 to move to the next page, or enter the "Reposition Type and Name" to position anywhere within the list.

Press PF10 to add a new job.

Press PF11 to list all defined job parameters including those for Adabas Transaction Manager (ATM) and Adabas Vista (AVI).

Adding Job Parameters

When you press PF10 on the Maintain Job Parameters screen, the following window is displayed for adding a new job definition:

```
09:21:16      Add          2003-05-16
              Job Parameters  F11310MC

Job Name: KM27WD__
(D = Default for Job Type)

      X  Batch
      _  COM-LETE
      _  CICS Cluster
      _  CICS
      _  IMS/DC
      _  UTM
      _  TSO
      _  CMS
      _  TIAM
      _  None above
Mark to Select a Job Type

Command ==>
          PF1 Help      PF3 Exit
```

Select Job Type

Job Name	<p>The job name.</p> <p>Note: A default job definition may be created by specifying a D as the name and selecting the appropriate job type.</p> <p>Note: A job name can include one or more asterisks (*) to indicate a wild card. For example, the job parameter with the name CICS**PR is found by any job with the name CICS in positions 1-4 and PR in positions 7-8, no matter what the characters are in positions 5-6. If an asterisk (*) is the last character in a job name, the remainder of positions in the name through the eighth are padded with asterisks.</p>
Job Type	<p>The job type. Each different job type has a different characteristic so it is important to select the correct type.</p> <p>Note: If you are using CICS/MRO with dynamic transaction routing, or CICSplex, you must select the job type CICS Cluster. The standard CICS job type is used for CICS/MRO without dynamic transaction routing or for other CICS environments.</p> <p>Note: If you mark the selection <i>None of the above</i>, another selection window appears with additional job types. If you need to use a job type from the second selection window, contact Software AG for advice.</p>

Once you select a job type, the corresponding screen for that job type will appear. In this example, a batch type job is being defined.

```

09:21:41      Add      2003-05-16
              Job Parameters  F11310M1

Job Type: Batch
Job Name: KM27WD
(D = Default for Job Type)
Fastpath ON/OFF for Job: ON

Buffer Group Name: SYSC033
Leave empty to select)

Optional Time Window
Start(HH:MM): ____ End: ____
(Leave empty for 24 hours)

----- Daemon Mode -----
(Usually for Clustered Applications)
Service Name: _____
Coordinator Group Name: _____

Command ==>
PF1 Help   PF3 Exit   PF5 Add

```

Add a Job Parameter

Job Type / Job Name	The job type and job name.
Fastpath ON/OFF	Indicates whether or not optimization is to be in effect for this job.
Buffer Group Name	The name of the Adabas Fastpath buffer to be used by this job.
Optional Time Window	<p>Optimization is to be in effect for this job only if the job is started within the time window specified.</p> <p>Time windows are checked <i>when a job starts</i>. If the job starts</p> <ul style="list-style-type: none"> ● within the start/end times, it is optimized. ● any time outside of the start/end time, it is not optimized. <p>Once started, optimization continues until the end of job; there is <i>no check at the end time</i>. It is therefore recommended that a time window is <i>not</i> used for TP monitors or other long running jobs.</p> <p>Note: Time windows may be defined for default or specific job definitions. A definition <i>without a time window</i> takes precedence.</p>
Service Name Coordinator Group Name	The job types CICS Cluster, IMS, and UTM are considered to be clustered applications and must be accompanied by the Coordinator Group Name and Clustered Application Service Name. To select an existing Coordinator Group Name from a list, press PF1 with the cursor in the field.

Normally, the absence of job parameters implies that optimization is not applied. Thus, you can implement optimization gradually by defining only specific jobs to receive optimization.

Alternatively, this can be reversed. Default job parameters can be created so that optimization is applied to all jobs of a specific category. Then, you can specify only the jobs that are *not* to be optimized and those that differ from the default.

Note:

A specific job definition overrides any wild card job definitions or any default definition.

Maintaining Job Parameters

To maintain job parameters, on the Maintain Job Parameters screen, enter the option code **m** next to the job for which parameters are to be maintained. In the sample screen shown below, the job parameters for batch job KM27WD are displayed.

The following screen will be displayed:

```
17:44:06 ***** A D A B A S FASTPATH SERVICES 7.4.2 *****      2003-05-16
                               - Job Parameters -                      F11320M1

Job Name: KM27WD                      Last Modified: 2002-05-28
Job Type: Batch                        by Userid: UKSJU

System Coordinator
(Buffer) Group Name.: SYSCO33

Start Time(HH:MM)...:                End Time(HH:MM):

Job End Stats.....: N                Direct Access..: ON

Read-ahead Optimization Control: BAT  Command Time...: 00000000

Read-ahead Memory Limit(k).....: 0

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12
      Help      Exit      Upd      More +Prod Menu
```

Detailed Job Parameters

Parameter	Description
Start Time / End Time	<p>Optimization is to be in effect for this job only if the job is started within the time window specified.</p> <p>Time windows are checked <i>when a job starts</i>. If the job starts</p> <ul style="list-style-type: none"> • within the start/end times, it is optimized. • any time outside of the start/end time, it is not optimized. <p>Once started, optimization continues until the end of job; there is <i>no check at the end time</i>. It is therefore recommended that a time window is <i>not</i> used for TP monitors or other long running jobs.</p> <p>Note: Time windows may be defined for default or specific job definitions. A definition <i>without a time window</i> takes precedence.</p> <p>Note: You can enable optimization for a different time window by creating a different parameter set for this job. This allows you to specify different override parameters for a job to be used at different times of the day, perhaps even for different Adabas Fastpath buffers.</p>
Job End Statistics	If Y is specified, Adabas Fastpath performance information will be sent to the operator console when a job ends.
Direct Access	If OFF is specified, no direct access optimization will be performed for the job, without regard to other parameters.
Read-Ahead Optimization Control	If OFF is specified, no read-ahead optimization will be performed. In addition, you can choose between the read-ahead factor algorithms for TP monitors (TP) or for batch (BAT). While both algorithms accelerate the factor as the sequence length increases, the batch algorithm accelerator is faster than the one for TP monitors. Normally, the default setting is the most efficient.
Read-Ahead Memory Limit	Used to restrict the memory allocated to the job for read-ahead optimization.

Press PF10 to maintain the related Adabas System Coordinator parameters as follows:

```

17:48:02   System Coordinator Parameters      2003-05-16
                                                U1SCJPM1

Estimated Client Sessions   : 2
Fixed Memory Pool Size(k): 256

Managed by Daemon.....: N (Y/N)
  Daemon Group Name.....: _____
  Clustered Application Service Name...: _____
  Daemon manages Terminal Sessions only: X
    or manages All Sessions.....: _
                                Mark One

PF1 Help   PF3 Exit   PF5 Upd
    
```

System Coordinator Parameters

The following parameters apply to all job types:

Parameter	Description
Estimated Client Sessions	Determines the size of the Adabas System Coordinator user pool.
Fixed Memory Pool Size(k)	Determines the size of all fixed memory pools.

The following parameters are mandatory for clustered applications (job types CICS/MRO and CICSplex; IMS/TM and IMSplex; and UTM) or for those jobs that have been explicitly defined to be managed by the Adabas System Coordinator daemon. Either type can be identified by the fact that they have the parameter Managed by Daemon set to Y.

Parameter	Description
System Coordinator Group Name	Used to link the clustered application to the relevant Adabas System Coordinator group.
Clustered Application Service Name	Used to group together all instances of the application with the Adabas System Coordinator.
Manage Terminal Sessions or Manage All Sessions	Used to determine the type of sessions that will be managed by the Adabas System Coordinator daemon.

Refer to the *Adabas System Coordinator* documentation for more information.