Adabas System Coordinator

Adabas System Coordinator Online Services

Version 8.1.2

June 2008

Adabas System Coordinator

This document applies to Adabas System Coordinator Version 8.1.2 and to all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

Table of Contents

1 Adabas System Coordinator Online Services

This document describes the Adabas System Coordinator Online Services application (SYSCOR).

The following topics are provided:

2 Using Adabas System Coordinator Online Services

This section describes the Adabas System Coordinator Online Services application SYSCOR.

Online Services Main Menu

To invoke Adabas System Coordinator Online Services

- log on to SYSCOR and enter the command `MENU`.

During logon to SYSCOR, the application will determine its current run mode. Run mode can be any of the following:

Run Mode	Description
Coordinator not installed	The Adabas link module does not contain the Coordinator stub. Local session information will not be available but all other functions will work.
Local (node 0)	The TP system in use is running in local (non-daemon) mode. By default, session information will be obtained locally.
Daemon (node nnn)	The TP system in use is running with an Adabas System Coordinator daemon. The daemon Node ID is displayed. By default, session information will be obtained from the daemon.
Startup	The Adabas link module contains the Coordinator stub, however the database containing the Coordinator configuration file is not yet available. The Coordinator periodically retries access to the configuration file until it becomes available.

The run mode will be displayed on an Environment Information screen at logon. This screen also shows information about the current Adabas System Coordinator daemon, if one is used. It is displayed before the main menu appears.

The Main Menu screen will then appear:

```
10:47:34 ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 (I003) *****  2008-05-22
                           -  Main Menu  -                           C1MAINM1
 Run-mode: Local (node 0)

                  Code    Service
                  ----    ------------------------
                   0      System Settings
                   1      Maintenance
                   2      Session Monitoring
                   3      Special Services
                   4      About System Coordinator
                   .      Exit
                  ----    ------------------------
           Code..: _
```

```
 You can easily switch around the tools for Fastpath, Vista etc by use of the
 PF Keys shown, or use the codes COR, AFP, AVI, AAF, ATM as commands - anytime.

 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit                   AFP   AVI   AAF   ATM         Vers
```

The following options are available:

Option	Description
System Settings	Maintain configuration file setting.
Maintenance	Define and maintain definitions and parameters.
Session Monitoring	Monitor the current session.
Special Services	Provide installation and applied ZAP information for the Adabas System Coordinator components, and define timeout settings.
About Adabas System Coordinator	Display product information.

Navigation

You can access screens in two ways:

- sequentially by selecting a menu service and entering it in the `Code` field; or
- directly by typing a numerical command on the command line.

For example, entering the command `1.1` on the command line directly accesses the Client Runtime Controls screen within the Maintenance function without first accessing the Maintenance menu.

Function	Object	Command
System Settings	Menu	0
	LFILE 152 Maintenance	0.1
Maintenance	Menu	1
	Client Runtime Controls	1.1
	Daemon Groups	1.2
Session Monitoring	Menu	2
	Change Perspective	2.0
	Display Adabas Client Jobs	2.1
	Display Session Information	2.2

Function	Object	Command
	Network Discovery	2.3
	Display Daemon Group Members	2.4
	Display Cache Statistics	2.5
Special Services	Menu	3
	Verify System Coordinator Client Installation	3.1
	Verify System Coordinator Server Installation	3.2
	Display Applied Fixes (Zaps)	3.3
	Set Timeout Settings	3.4

Using PF Keys

SYSCOR uses PF keys for various actions. Key functions are standard throughout the system, wherever possible. The PF keys that apply to each screen are indicated at the bottom of the screen.

The following keys apply throughout the system:

PF Key	Function	Description
PF1	Help	invoke the help specific to the current screen
PF3	Exit	quit and return to the previous screen

The following keys apply generally, depending on the type of action or function in use:

PF Key	Function	Description
PF4	Refr	from active screens, refresh the data
PF5	Upd.	from general maintenance screens, commit the update
PF7	Back	from list screens, return to the previous page
PF8	Next	from list screens, move to the next page
PF10	Add	from general maintenance screens, add an object
PF12	Menu	return immediately to the main menu

Help Information

To invoke Adabas System Coordinator help information

- Press PF1.

The help screen that appears applies to the current screen and may comprise several pages. From each help screen, you can access lower level options or return to previous, higher levels.

You can navigate by entering

-	to move backwards and up a menu level
1 - 8	to move down a level to the function selected

If the help screen comprises multiple pages, you can enter

+	to move to the next page
-	to move to a previous page until page 1, then back up a level

3 System Settings

This function is used to maintain the Adabas System Coordinator configuration file.

System Settings Menu

To display the System Settings menu

- Select service 0 from the main menu.

```
08:31:00 ***** A D A B A S SYSTEM COORDINATOR 8.1.2 *****          2006-05-30
                       -  System Settings  -                       C10000M1


               Code    Service
               ----    --------------------
                1      LFILE 152 Maintenance
                .      Exit
               ----    --------------------
        Code..: _




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

From this menu, you can	Service	Cmd
customize the use of the configuration file (LFILE 152)	0	0.1

Configuration File (LFILE 152) Maintenance

To customize the use of LFILE 152

1 Select service `1` from System Settings menu or enter the command `0.1` on a command line.

```
+------------------------------------------------------------+
| 18:24:45          LFILE 152 Maintenance          2006-05-30 |
|                                                   U1LFILM2  |
|                                                             |
| Current Settings for LFILE 152:                             |
|                                                             |
| Original LFILE = ( 152 , 135   ,  18    )                   |
|  Current LFILE = ( 152 , 135__ ,  18___ )                   |
|                 (effective only for this Natural session)   |
|                                                             |
| Default pop-up settings:                                    |
| Do you want to see this window again ?                      |
|                       - for the current SYSAVI session... Y  |
|                       - for future SYSAVI sessions....... Y  |
|                                                             |
|               PF3 Exit      PF5 Update/Confirm              |
|                                                             |
+------------------------------------------------------------+
```

The LFILE 152 Maintenance window appears.

In the Original LFILE field, the database and file number are displayed for the configuration file that was allocated to LFILE 152 at the start of your current SYSCOR session.

These values were allocated to LFILE 152 using the static Natural parameter `NTFILE ID=152,..` or the dynamic Natural parameter `LFILE=(152,..)`. For more information about specifying LFILE 152, see the installation instructions relevant to your operating system.

2 In the Current LFILE field, you can change the database and file number to access a different configuration file.

Specify the new configuration file database and file number, if necessary.

3 Review the default settings.

The LFILE 152 Maintenance window is displayed whenever an online services function is selected that accesses the configuration file, making it possible for the user to access multiple configuration files from within a single Natural session.

You may choose to deactivate the LFILE 152 Maintenance window and thus the possibility of changing the configuration file for just the current session or for all future sessions.

Regardless of the options you choose, you can always modify those choices by invoking the LFILE 152 Maintenance function from System Settings.

4 Maintenance

This service is used to define and maintain the parameters and definitions that are required by Adabas System Coordinator.

Maintenance Menu

To display the Maintenance menu

- Select service 1 from the main menu.

  Note: The Current LFILE 152 Settings window may appear before the Maintenance menu. See the section **System Settings** for more information.

```
18:32:35          ***** A D A B A S SYSTEM COORDINATOR 8.1.2 ***** 2006-07-20
                           -  Maintenance  -                        C11000M1

Run-mode: Local


                        Code    Service
                        ----    ---------------------------
                         1      Client Runtime Controls
                         2      Daemon Group Parameters
                         .      Exit
                        ----    ---------------------------
                  Code..: _



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

From this menu, you can	Service	Cmd
maintain client runtime controls	1	1.1
maintain daemon group parameter values	2	1.2

Maintain Client Runtime Controls

This function is used to define/maintain runtime controls for jobs that use Adabas System Coordinator services and any of the client-based products that depend on Adabas System Coordinator: Adabas Fastpath, Adabas Transaction Manager and Adabas Vista.

Runtime controls determine the operational behaviour of these products in a given job. You can adjust this behaviour on a case-by-case basis by specifying overrides to tailor operation for a particular transaction code (TP systems), stepname (batch jobs) or login id. You can also define a special type of API runtime control, for completely dynamic reconfiguration.

Note: See section Parameters for a complete description of all runtime controls.

Note: Runtime controls are shared between all installed optional products, and can be defined by any of the administration applications (SYSCOR, SYSAVI, SYSAFP, SYSATM). You can administer the runtime controls of any product from any application.

- List Runtime Controls
- Add a Runtime Control
- Maintain Runtime Controls

List Runtime Controls

To display a list of existing definitions

1 Select service `1` from the Maintenance menu or enter the command `1.1` on the command line.

```
09:56:02     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                        -  Client Runtime Controls  -                 U11300M1

Run-mode: Local                                  Reposition to Type: ________
                                                              Name: ________
                              Client Controls
 C Type         Name       AFP   AVI   ATM   COR       Comments
 _ CICS (DTR)   CICCLUST    Y     Y     Y     Y        Overrides,Info
 _ Batch        CORP****    Y     Y     Y     Y
 _              *DEFAULT    Y     Y     Y     Y
 _              CORQ0100    Y     Y           Y
 _              CORQ0200   Off    Y     Y     Y
 _ COM-PLETE    DAEFCODE    Y     Y     Y     Y


Mark with Display,Expand,Modify,Purge,Rename,Copy,Overrides,Information
End of List
```

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

2 The list shows the service or job type, the name and for which products controls are defined. The Comments column shows whether overrides or site information are defined for this service/job.

3 The name identifies the service or job to which these controls apply. A service is a collection of jobs which form a single DTR cluster, for example CICSPlex, CICS/MRO with Dynamic Transaction Routing, IMS/TM or UTM. For jobs, the name may be a wildcard or you can specify a set of default controls for jobs of that type.

4 Taking the above example:

- any batch job with a name beginning CORP will use the controls defined for CORP****
- job CORQ0100 will use its own controls (but it will use the Adabas Transaction Manager controls defined for *DEFAULT, because there are none defined for CORQ0100)
- job CORQ0200 will use its own controls and Adabas Fastpath is disabled for this job
- any other batch job will use the controls defined for *DEFAULT

5 If you wish to display or modify controls or overrides for one of the other products, press PF11 and mark the required product:

```
+-----------------------------------+
!  10:05:15              U1PRODM1   !
!                                   !
!  Select which product's runtime   !
!  controls you want to maintain:   !
!                                   !
!    _   System Coord.              !
!    _   Adabas Fastpath            !
!    x   Adabas Vista               !
!    _   Transaction Manager        !
!                                   !
!        PF3 Exit                   !
!                                   !+
-----------------------------------+
```

6 If there is more than a screen of definitions, use PF7 and PF8 to scroll up and down, PF6 and PF9 to go to the top or bottom of the list, or use the Reposition field to position anywhere within the list.

Add a Runtime Control

To add a new definition

1 Press PF10 from the Client Runtime Controls list.

The following window will appear:

```
12:32:48 ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 (I003) *****  2008-05-22
                     -  Add Client Runtime Control  -               U11310M1
 Run-mode: Local (node 0)

 Select (mark one) :
                          _ Batch
                          _ COM-PLETE
                          _ CICS (DTR - Dynamic transaction routing)
                          _ CICS (Standard)
                          _ IMS (DTR)
                          _ UTM (DTR)
                          _ TSO
                          _ CMS
                          _ TIAM
                          _ more choices for type or

                          _ API controlled - type 1
                          _ API controlled - type 2



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

2 Select a job type for the job from the list provided.

Each different job type has different characteristics and it is therefore important to select the correct type.

Note: Select the job type "CICS (Standard)" if CICS/MRO is to be used without dynamic transaction routing or for other CICS environments. Select the job type "CICS (DTR – Dynamic Transaction Routing)" if CICS/MRO is to be used with dynamic transaction routing.

If you mark the selection "more choices for type", another selection window will appear with additional job types. If you need to use any of these, contact Software AG for advice.

If you mark either of the API controlled types, you can define a set of runtime controls which can be activated dynamically by API. You must enable API overrides for any job where you want to use this API definition and name it in the job's list of permissible APIs.

Note: Dynamically activated API runtime controls are not yet available.

3 After selecting a job type, press Enter. In the following example, the job type "CICS (DTR – Dynamic Transaction Routing)" was selected which results in the following screen being displayed:

```
10:20:21     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                                -  Add Client Runtime Control  -
 U11310M4

 Run-mode: Local

           Type: CICS (DTR)
           Name: ________

This is a complex type of runtime which is capable of running in basic mode
and in DTR mode.

You must define a System Coordinator group (and its members) with PRODUCT=DTR
AND the member(s) of that group must be executing in order to achieve DTR
capability, otherwise it is ignored.

The name specified above is a unique name for the runtime controls for the
DTR service (it is not a jobname). You must also use the 'Expand' line
command to enter the list of all jobs in the service




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

4 Enter the service name (which may not contain * wildcards, in this example CICSPROD was entered) and press PF5 to continue:

```
10:24:07     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                  -  System Coordinator Runtime Controls  -          U11310M5

Run-mode: Local                          Operation mode (mark one):
Type: CICS (DTR)                              Use normal autodetect approach: X
Name: CICSPROD                                Enable COR even if no products: _
                                       Disable all products including COR: _

General Settings
    Estimated Client Sessions: 1000______ API runtime overrides..: N (Y/N)
    Memory pool extents (k)..: 256_       Group.................: ________
    Use additional exits.....: N (Y/N)

Maximum idle time (sec)..: 3600______ Non-terminal idle time.: __________
Generate RSP009/79 (Y/N).: Y (until 0_________ seconds elapse)



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

5 The screen is pre-filled with default values for this control type. Please refer to the Parameters section for a description of each parameter. DTR jobs require a System Coordinator Group name. Enter that now or press PF5 which will set the group name, if only one group is defined, or give you a list of defined groups to choose from, if more than one group is defined.

```
10:28:51     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                  -  System Coordinator Runtime Controls  -          U11310M5

Run-mode: Local                          Operation mode (mark one):
Type: CICS (DTR)                              Use normal autodetect approach: X
Name: CICSPROD                                Enable COR even if no products: _
                                       Disable all products including COR: _

General Settings
    Estimated Client Sessions: 2000______ API runtime overrides..: N (Y/N)
    Memory pool extents (k)..: 256_       Group.................: CORGROUP
    Use additional exits.....: N (Y/N)

Maximum idle time (sec)..: 3600______ Non-terminal idle time.: __________
Generate RSP009/79 (Y/N).: Y (until 0_________ seconds elapse)


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

6 Press PF5 again to add the control.

```
10:32:26     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                  -  System Coordinator Runtime Controls  -          U11310M5

Run-mode: Local                          Operation mode (mark one):
Type: CICS (DTR)                              Use normal autodetect approach: X
Name: CICSPROD                                Enable COR even if no products: _
                                        Disable all products including COR: _

General Settings
    Estimated Client Sessions: 2000______ API runtime overrides..: N (Y/N)
    Memory pool extents (k)..: 256_       Group.................: CORGROUP
    Use additional exits.....: N (Y/N)

Maximum idle time (sec)..: 3600______ Non-terminal idle time.: __________
Generate RSP009/79 (Y/N).: Y (until 0_________ seconds elapse)



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

You can now:

- Modify the values and press PF5 to update them
- Press PF3 to return to the list
- Press PF12 to return to the main menu
- Press PF9 to define permissible API controls (these will only be honoured if you also set API runtime overrides to Y). Enter the names of up to 64 API controls, which must already be defined, and press PF5

```
10:35:04     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                  -  System Coordinator Runtime Controls  -           U11310M6

  Run-mode: Local
  Type: CICS (DTR)
  Name: CICSPROD

The following API runtime overrides are allowed:
________  ________  ________  ________  ________  ________  ________  ________
________  ________  ________  ________  ________  ________  ________  ________
________  ________  ________  ________  ________  ________  ________  ________
________  ________  ________  ________  ________  ________  ________  ________
________  ________  ________  ________  ________  ________  ________  ________
```

```
_________  _________  _________  _________  _________  _________  _________  _________
_________  _________  _________  _________  _________  _________  _________  _________
_________  _________  _________  _________  _________  _________  _________  _________




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

- Press PF10 to define additional options and select option 1 to define command retry requirements or option 2 to define debug settings

```
+-----------------------------------------------------------+
!  10:43:37         Runtime Controls         2006-07-21   !
!                    -  Additional  -         U1SCJAM1     !
!                                                          !
!                Code    Service                           !
!                ----    --------------                    !
!                 1      Command Retry                     !
!                 2      Debug Settings                    !
!                 .      Exit                              !
!                ----    --------------                    !
!       Code....: _                                        !
!                                                          !
!                                                          !
!  Command ==>                                             !
!                                                          !
!           PF1 Help    PF3 Exit    PF12 Menu             !
!                                                          !
+-----------------------------------------------------------+
```

- For command retry, you can define automatic retry of Adabas commands that complete with particular response codes and subcodes. Specify the number of retry attempts and interval. You can also restrict the retry to particular databases or files and request an informational operator message on the first retry attempt. As soon as response 0 is received, control returns to the application. Press PF5 to save the retry settings.

```
+-------------------------------------------------------------------------+
!  10:51:44           Additional Runtime Controls          2006-07-21  !
!                           Retry Settings                U1SCJEM1    !
!                                                            Console  !
!  Response  Subcode   Retries   Delay (Unit)    Dbid    Fnr  Message  !
!   148__     _____     60___    5____   SEC    _____  _____     _     !
!   255__     _____     30___    1____   SEC    _____  _____     _     !
!   48___     _____     5____    60___   SEC    153__  _____     Y     !
```

```
!   _____     _____     _____    _____   ___    _____  _____     _     !
!   _____     _____     _____    _____   ___    _____  _____     _     !
!   _____     _____     _____    _____   ___    _____  _____     _     !
!   _____     _____     _____    _____   ___    _____  _____     _     !
!   _____     _____     _____    _____   ___    _____  _____     _     !
!   _____     _____     _____    _____   ___    _____  _____     _     !
!   _____     _____     _____    _____   ___    _____  _____     _     !
!   _____     _____     _____    _____   ___    _____  _____     _     !
!   _____     _____     _____    _____   ___    _____  _____     _     !
!   _____     _____     _____    _____   ___    _____  _____     _     !
!   _____     _____     _____    _____   ___    _____  _____     _     !
!   _____     _____     _____    _____   ___    _____  _____     _     !
!  Use Before/After exits: N (Y/N)    Use additional exits: N (Y/N)    !
!           PF1 Help       PF3 Exit      PF5 Upd                       !
!                                                                      !
+----------------------------------------------------------------------+
```

- Use debug settings to produce diagnostic snaps for unexpected Adabas response codes. For more information, please refer to Using the Client Event Debug Monitor .

```
+-------------------------------------------------------+
!  10:55:02   Additional Runtime Controls   2006-07-21  !
!            Debug Event Monitor controls   U1SCJBM1    !
!                                                       !
!  Debug monitoring scope ..................: ALL       !
!  Set debug event for:                                 !
!     Adabas Response Code: ___ and Sub-code: ____      !
!                  Or mark for generic error: _         !
!                                                       !
!            And optionally restrict to dbid: _____     !
!                              and file number: _____     !
!                                                       !
!  Debug event output - choose one of:                  !
!                                        None: X        !
!                         'Event' session only: _       !
!                 All sessions for this client: _       !
!                    All sessions for this job: _       !
!                      All memory for this job: _       !
!                                                       !
!  Maximum events to output ................: 0____     !
!                                                       !
!    PF1 Help      PF3 Exit     PF5 Upd     PF10 More   !
!                                                       !
+-------------------------------------------------------+
```

7 Here is an example of adding controls for a batch job. Press PF10 from the list, mark Batch and press Enter to continue:

```
10:58:17     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                      -  Add Client Runtime Control  -               U11310M1

  Run-mode: Local

  Select (mark one) :

                      x Batch
                      _ COM-PLETE
                      _ CICS (DTR - Dynamic transaction routing)
                      _ CICS (Standard)
                      _ IMS (DTR)
                      _ UTM (DTR)
                      _ TSO
                      _ CMS
                      _ TIAM
                      _ more choices for type or

                      _ API controlled



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

8 Enter the jobname and press PF5:

```
10:20:21     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                      -  Add Client Runtime Control  -               U11310M4

Run-mode: Local

          Type: Batch
          Name: natpbat_ (* for default controls for this type)

This is a standard type of runtime.




 Command ==>
```

```
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit        Add                                      Menu
```

A job name may contain one or more asterisks (*) to indicate a wild card. For example, the runtime control with the name CICS**PR will be found by any job with the value "CICS" in positions 1-4 and the value "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. A single asterisk indicates that is the default definition for this job type.

Controls are always matched on type. The order of search within type is

1. Match on exact job name.
2. Match on wild card definitions.
3. Use the default for the job type, if one has been defined.

Note: The number of wild card job names defined for a job type has a direct effect on the number of Adabas commands needed to establish the runtime controls at initialization. This is particularly relevant to batch jobs that process relatively few Adabas commands.

9 Different control types have different settings and different default values. Make any required changes and press PF5 to add the definition. You can then define API overrides and additional options or return to the list, as described in 6.

```
11:13:23     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                  -  System Coordinator Runtime Controls  -          U11310M5

Run-mode: Local                          Operation mode (mark one):
Type: Batch                                 Use normal autodetect approach: X
Name: NATPBAT                               Enable COR even if no products: _
                                         Disable all products including COR: _

General Settings
    Estimated Client Sessions: 2_________ API runtime overrides..: N (Y/N)
    Memory pool extents (k)..: 256_
    Use additional exits.....: N (Y/N)

Maximum idle time (sec)..: __________




 Command ==>
```

```
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit        Add                                       Menu
```

Maintain Runtime Controls

To maintain a job parameter

- Select it by entering one of the following options in column C on the Client Runtime Controls list:

d	display
e	expand
m	modify
p	purge
r	rename
c	copy
o	overrides
i	site information

Display and modify will provide screens in which you can make modifications to the job parameters. See section Parameters for information on each parameter. For purge, rename, and copy, you are prompted to confirm the action to be taken.

- Display/Modify Runtime Control
- Expand Runtime Control
- Purge a Runtime Control
- Rename a Runtime Control
- Copy a Runtime Control
- Maintain Site Information
- Maintain Client Runtime Control Overrides

Display/Modify Runtime Control

to display/modify a runtime control

1 Select it from the list by marking column C with a “d” or ”m” as appropriate (example below is for modify).

```
11:37:13     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                  -  System Coordinator Runtime Controls  -          U11310M5

Run-mode: Local                          Operation mode (mark one):
Type: COM-PLETE                               Use normal autodetect approach: X
Name: DAEFCODE                                Enable COR even if no products: _
                                        Disable all products including COR: _

General Settings
    Estimated Client Sessions: 1000______ API runtime overrides..: N (Y/N)
    Memory pool extents (k)..: 256_       Group.................: CORGROUP
    Use additional exits.....: N (Y/N)

Maximum idle time (sec)..: 3600______ Non-terminal idle time.: __________
Generate RSP009/79 (Y/N).: Y (until 0_________ seconds elapse)




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

2 Make any necessary modifications (modify only).

3 Use PF9 to display/modify the list of permissible API overrides.

4 Use PF10 to display/modify additional options.

5 Press PF5 to confirm (modify only).

Expand Runtime Control

to expand a runtime control

1 Select it from the list by marking column C with an “e”.

```
11:39:03     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                    -  Client Runtime Service Members  -             U11390M1

Run-mode: Local
 Job type: CICS (DTR)
 Service name: CICCLUST
               C Name                                    Comments
               _ CICSDAEF
               _ CICSDA2F
               _ CICSDA3F




Mark with Purge,Rename
Top of List
 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit  Refr                               Add         Menu
```

2 Expand is only relevant for DTR definitions. Expand allows you to define which jobs comprise that DTR service. Use PF10 to add a job. You can subsequently purge or rename it by marking it with P or R. All jobs defined for a DTR service will use the runtime controls specified on that service.

Purge a Runtime Control

to purge a runtime control

1 Select it from the list by marking column C with a “p”.

```
+-----------------------------------+
!  11:41:08     Purge     2006-07-21 !
!         Runtime Control U11340M1   !
!                                    !
!      Type: Batch                   !
!      Name: CORQ0200                !
!                                    !
!      _   All                       !
!      _   Transaction Mgr.          !
!      _   Fastpath                  !
!      _   Vista                     !
!                                    !
!    Mark Product(s) to purge or All !
!    (Overrides will also be purged) !
!  Command ==>                       !
!   PF1 Help   PF3 Exit   PF5 Purge  !
!                                    !
+-----------------------------------+
```

2 Mark which products’ runtime controls you wish to purge or All to purge the entire control.

3 Press PF5 to confirm

Rename a Runtime Control

to rename a runtime control

1 Select it from the list by marking column C with a “r”.

```
+-----------------------------------+
!  11:43:19    Rename     2006-07-21 !
!         Runtime Control U11350M1   !
!                                    !
!                                    !
!        Type: Batch                 !
!                                    !
!        Name: CORQ0200              !
!                                    !
!    New Name: ________              !
!                                    !
!     Press PF5 to confirm rename    !
```

```
!                                    !
!                                    !
!  Command ==>                       !
!   PF1 Help   PF3 Exit   PF5 Rename !
!                                    !
+------------------------------------+
```

2 Specify the new name, which must not already exist.

3 Press PF5 to confirm

Copy a Runtime Control

to copy a runtime control

1 Select it from the list by marking column C with a “c”.

```
+------------------------------------+
!  11:44:20     Copy      2006-07-21 !
!         Runtime Control U11360M1   !
!                                    !
!      Type: Batch                   !
!      Name: CORP****                !
!                                    !
!      _   All                       !
!      _   Transaction Mgr.          !
!      _   Fastpath                  !
!      _   Vista                     !
!                                    !
!    Mark Product(s) to copy or All  !
!                                    !
!    Copy to ......: ________        !
!    Copy Overrides: N (Y/N - All)   !
!  Command ==>                       !
!   PF1 Help   PF3 Exit   PF5 Copy   !
!                                    !
+------------------------------------+
```

2 Mark which products’ runtime controls you wish to copy.

3 Specify the job name to which these runtime controls will be copied, which must not already exist.

4 If you select All, you may also copy any defined overrides by entering Y against Copy Overrides.

5 Press PF5 to confirm

Maintain Site Information

To maintain site information

1 Select it from the list by marking column C with a “i”.

```
11:45:28     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                 -  Client Runtime Controls Site Information  -     U11370M1

       Run-mode: Local
       Type: CICS (DTR)
       Name: CICCLUST

       Site Information
       ----------------

       DYPR=FNAT=(60099,205) PROFILE=CICSPROD_____________________________
       ___________________________________________________________________
       ___________________________________________________________________
       ___________________________________________________________________

 You may define up to 256 bytes of alphanumeric data (site information), which
is stored with this runtime control definition and may be retrieved at runtime
using the documented API.




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

2 Modify the site information as required and press PF5 to save your changes, or press PF9 to purge the site information.

Maintain Client Runtime Control Overrides

to list runtime control overrides

1 Select it from the Runtime Control maintenance list by marking column C with an 'o'.

```
11:47:11     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
               -  Client Runtime Controls Override Summary  -       U11380M1

Run-mode: Local
    Type: CICS (DTR)   Name: CICCLUST

                                        Overrides
C Type         Name       AFP   AVI   ATM   COR       Comments
_ Transaction  QA42                     Y     Y




Mark with Display,Modify,Purge,Rename,Copy,Information
End of List
 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
     Help        Exit  Refr                                Add         Menu
```

2 This screen lists the runtime control overrides that have been defined for each product.

3 To add a new override, press PF10, mark the type of override you want to add and provide a name:

```
11:50:36     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                  -  Add Client Runtime Control Override  -          U11381M1

Run-mode: Local
Type: CICS (DTR)   Name: CICCLUST

Select the override type ....: _ Login id
(mark one)                     x Transaction


 and specify the override name: natp____



 Command ==>
```

```
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit        Add                                       Menu
```

4 Press PF5 to add an empty override, which you can then modify as required:

```
11:54:07     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                -  Client Runtime Controls Override Summary  -       U11380M1

Run-mode: Local
Type: CICS (DTR)   Name: CICCLUST

                                 Overrides
C Type         Name       AFP   AVI   ATM   COR       Comments
_ Transaction  NATP                                   *Added (empty)
_              QA42                  Y     Y




Mark with Display,Modify,Purge,Rename,Copy,Information

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

5 Enter one of the following options in the C column to select an entry:

d	display
m	modify
p	purge
r	rename
c	copy
i	site information

6 These options are the same as the ones available for maintaining client runtime controls except that they maintain the override controls rather than the base level controls. If a different product was selected with PF11 on the Client Runtime Controls list, the overrides for that product are shown.

Maintain Daemon Groups

This section describes how to add/maintain daemon groups.

Adabas System Coordinator daemon groups are used to manage clustered (multiregion or IBM Sysplex) applications.

The daemon group defines the types of applications to be managed and the Node IDs of the daemons (group members) that will manage those applications. One daemon must be active on each operating system image that hosts the application. Any application job can then be defined to this group using the Client Runtime Controls function of SYSCOR, SYSAVI, SYSAFP, or SYSATM Online Services.

Main Menu

To invoke the daemon group maintenance menu

1 Select service `2` from the Maintenance menu or enter the command `1.2` on a command line.

```
12:07:39     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                          System Coordinator Groups                  C11200M1

Run-mode: Local

                                     Cluster Facility
C Group Name   Type      SVC ID     Name                Members
_  PRODGRP    Sysplex     234      PRODCLS                0
_  TESTADD    Single      211




Mark with D(isplay),M(odify),P(urge),R(ename),E(xpand),F(iles)

 Command ==>
```

```
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit  Refr                              Add         Menu
```

2 Enter one of the following options in the C column:

d	display group definition
m	modify group definition
p	purge group definition
r	rename group definition
e	expand group definition
f	work with group file definitions

3 Use PF10 to add a new group definition

Adding a Daemon Group Definition

to add a new daemon group definition

1 Press PF10 on the System Coordinator Group menu. The following screen will appear:

```
+-----------------------------------------------------------------+
!  12:21:09                   Add                       2006-07-21  !
!               System Coordinator Group Member         C11210M1    !
!                                                                   !
!             Group Name: ________      SVC ID: _____               !
!                                                                   !
!    System Type: _  Standard single-system image...                !
!     (Mark one)     There is only one group member.                !
!                 _  Standard multi-system images - XCF...          !
!                    This enables multiple XCF group members.       !
!                 _  Standard multi-system images - Net-Work...     !
!                    This enables multiple Net-Work group members.  !
!                 _  IBM Parallel Sysplex...                        !
!                    This enables XCF group and use of the CF to    !
!                    allow dynamic transaction routing in the plex  !
!                    Cluster Facility Name: _________________       !
!    Automatic Pool Recovery: Y                                     !
!                                                                   !
!                                                                   !
!                                                                   !
!  Command ==>                                                      !
!             PF1 Help        PF3 Exit         PF5 Add             !
!                                                                   !
+-----------------------------------------------------------------+
```

2 In the field Group Name, enter the name for the group.

The group name is used to control communication between Adabas System Coordinator daemon peers in an operating system cluster. For example, the daemons communicate using an XCF group with this name in an IBM parallel sysplex. This name must be specified in the job definition for Adabas options such as Adabas Fastpath or Adabas Vista.

3 In the field SVC ID, define the router (SVC) number that is used for communicating with the group (not applicable to BS2000 or z/VM systems).

This must be the same in all parts of a cluster.

4 In the fields System Type, specify whether the group is to coordinate:

- A single system image.
- Multiple system images without dynamic transaction routing. This is used to support coordinator daemons running Adabas Fastpath buffers across multiple system images. It does not support dynamic transaction routing across a Parallel Sysplex.
- Multiple system images without dynamic transaction routing and using Entire Net-Work for communication between images. This is used to support coordinator daemons running Adabas Fastpath buffers across multiple system images. It does not support dynamic transaction routing across a Parallel Sysplex. You are recommended only to use Entire Net-Work if XCF is not available.
- Multiple system images with dynamic transaction routing, using an IBM Parallel Sysplex.

If you select system type "sysplex", you must provide the name of the cluster facility used to record the global client list. In an IBM Parallel Sysplex, this is the name of the cache structure in the coupling facility as defined in the installation process.

5 In the field Automatic Pool Recovery, select whether or not automatic pool recovery is to be activated. This feature is recommended in that it ensures that, should a Adabas System Coordinator daemon fail for any reason, existing client session will continue to operate. When the daemon is restarted, it will recover the user pools from the failing daemon.

6 If you are running under BS2000, specify the global common memory pool using the additional parameters that appear in the Add System Coordinator Group Member window.

Specify a name, virtual start address, and size for the pool.

The pool you specify is used for allocation of all shared user memory for clustered applications defined to this System Coordinator group.

Maintaining a Daemon Group Definition

After adding the group, you can change any of its attributes, by entering ‘m’ against it:

```
+-----------------------------------------------------------------+
!  16:42:59                  Modify                    2006-07-21  !
!               System Coordinator Group Member         C11230M1    !
!                                                                   !
!             Group Name: PRODGRP       SVC ID: 234__               !
!                                                                   !
!    System Type: _  Standard single-system image...                !
!     (Mark one)     There is only one group member.                !
!                 _  Standard multi-system images - XCF...          !
!                    This enables multiple XCF group members.       !
!                 _  Standard multi-system images - Net-Work...     !
!                    This enables multiple Net-Work group members.  !
!                 X  IBM Parallel Sysplex...                        !
!                    This enables XCF group and use of the CF to    !
!                    allow dynamic transaction routing in the plex  !
!                    Cluster Facility Name: PRODCLS_________        !
!    Automatic Pool Recovery: Y                                     !
!                                                                   !
!                                                                   !
!                                                                   !
!  Command ==>                                                      !
!             PF1 Help        PF3 Exit         PF5 Upd             !
!                                                                   !
+-----------------------------------------------------------------+
```

Make any changes required and press PF5 to save them.

You can also purge or rename the group. You must use purge and rename with care as you may invalidate other definitions (client runtime controls and Adabas Fastpath buffer definitions) that refer to the group being purged or renamed.

To purge, enter ‘p’ against the group to be purged:

```
+-------------------------------------------------+
!  16:46:15          Purge            2006-07-21  !
!    System Coordinator Group Member  C11240M1    !
!                                                 !
!              Group Name: TESTADD                !
!                                                 !
!                  SVC ID: 211                    !
!                                                 !
!              PF5 to Confirm Purge               !
!                                                 !
!                                                 !
```

```
!  Command ==>                                          !
!       PF1 Help    PF3 Exit    PF5 Purge               !
!                                                       !
+-------------------------------------------------------+
```

and press PF5 to confirm.

To rename, enter 'r' against the group to be renamed:

```
+-------------------------------------------------+
!  16:47:55          Rename           2006-07-21  !
!    System Coordinator Group Member  C11250M1    !
!                                                 !
!              Group Name: TESTADD                !
!                                                 !
!                New Name: ________               !
!                                                 !
!             PF5 to Confirm Rename               !
!                                                 !
!                                                 !
!  Command ==>                                    !
!        PF1 Help    PF3 Exit    PF5 Upd          !
!                                                 !
+-------------------------------------------------
```

Maintain a Daemon Group Member Definition

to maintain a daemon group member definition

1 On the System Coordinator Group menu, enter 'e' in the C column adjacent to an entry in the Group Name column. The following screen will appear:

```
12:27:32     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                   -  System Coordinator Group Members  -           C11260M1
Run-mode: Local
Group Name: PRODGRP                Cluster Facility Name: PRODCLS
    SVC ID: 234                    Operating System     : Sysplex

            Member
 Purge(P)  Job Name       Node ID
   _        SYSCO33           33
   _        SYSCO34           34
   _        SYSCO35           35
            ________       _____
            ________       _____
            ________       _____
            ________       _____
```

```
            ________        _____
            ________        _____
            ________        _____
            ________        _____
            ________        _____


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

From this screen, you can

- purge a member by entering ‘p’ in the Purge column adjacent to the Member Job Name entry;
- update the member entry by pressing PF5; or
- add a new member entry by pressing either PF5 or PF10.

2 If you are adding a new group, you must add at least one member.

For each member, specify the following:

- Member Job Name: The name of the job or started task that will run the Adabas System Coordinator daemon (SYSCO).
- Node ID: The Adabas Node ID (target) used to identify the daemon to the network.

Note: You may not define Node ID 255, because 255 is reserved for use by Natural.

Defining SYSCO Files

A System Coordinator group provides a central file-store facility that can be used by Adabas options such as the Adabas Transaction Manager. If an Adabas option requires a SYSCO file to be defined, its documentation will give details of the requirement.

A SYSCO file is a logical collection of records which are stored in an Adabas file. The file can be defined on any Adabas database. A database that contains a system file for job parameters will probably be a suitable location for your SYSCO file, since high availability is likely to be a requirement. A single database file can contain just one SYSCO file.

to add a new SYSCO file definition for a daemon group

1 To create a database file for use as a SYSCO file, run a standard ADALOD job, using input from the distribution tape. Sample job CORI050F can be edited according to site requirements, and used for this purpose.

2 On the System Coordinator Group menu, once you have defined your System Coordinator group, enter 'f' in the C column adjacent to the appropriate entry in the Group Name column. The following screen will appear:

```
 12:33:48     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                  -  System Coordinator File Definitions  -          C11270M1
 Run-mode: Local
 Group Name: CORGROUP

 C   File Name  DB ID   Fnr   Description




Mark with D(isplay),M(odify),P(urge)No records found for selection

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

3 Press PF10 to add a SYSCO file definition for this group. The following window will appear:

```
+------------------------------------------------------------------------+
!  12:37:54                 Add File Definition             2006-07-21 !
!                                                           C11270M2   !
!   Group Name: CORGROUP                                                !
!                                                                       !
!    File Name: _________   DB ID: _____   File Number: _____  SVC: ___   !
!                                                                       !
!  Description: ____________________________________________________       !
!                                                                       !
!         Press PF5 to confirm                                          !
!                                                                       !
!  Command ==>                                                          !
!    PF1 Help     PF3 Exit     PF5 Add                                  !
!                                                                       !
+------------------------------------------------------------------------+
```

4 Enter values for the following parameters for the SYSCO file:

Parameter	Description
File Name	The logical name of the SYSCO file. This name identifies the ownership and purpose of the SYSCO file. Therefore it must exactly match the name given in the documentation of the Adabas option that requires this file.
DB ID	The ID of the database that contains the SYSCO file.
File Number	The number of the SYSCO file.
SVC	The number of the Adabas SVC that is used by the database which contains the SYSCO file. This parameter is only needed for z/OS and VSE systems.
Description	Free-format text describing the SYSCO file.

5 When you have entered the parameter settings, press PF5 to save them.

6 The SYSCO file is now ready for use. You might need to restart any software component that will rely on the newly defined file.

to maintain a SYSCO file definition

1 On the System Coordinator Group menu, enter 'f' in the C column adjacent to an entry in the Group Name column. The following screen will appear:

```
12:39:17     ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 *****     2006-07-21
                  -  System Coordinator File Definitions  -          C11270M1

Run-mode: Local
Group Name: CORGROUP

C   File Name  DB ID   Fnr     Description
_   ATMMTR     135     175     ATM MIGRATED TRANSACTION RECOR  <== End of List









Mark with D(isplay),M(odify),P(urge)
 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit  Refr                                Add         Menu
```

From this screen, you can

- display a file definition by entering 'd' in the C column adjacent to the File Name entry;

- modify a file definition by entering ‘m’ in the C column adjacent to the File Name entry;
- purge a file definition by entering ‘p’ in the C column adjacent to the File Name entry;
- add a new file definition by pressing PF10.

2 If you choose to display or modify a file definition, you will see a window of the same format as when you first defined the file. If you are modifying the definition, you must press PF5 after making your changes, to save them.

5 Session Monitoring

The Session Monitoring function can be used to obtain information anfd statistics on all applications being managed by the Adabas System Coordinator.

Session Monitoring Menu

To display the Session Monitoring menu

- Select service 2 from the main menu.

```
 10:57:19 ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 (I003) *****  2008-05-22
                      -  Session Monitoring  -                       C12000M1
 Run-mode: Local (node 0)                    Perspective: Daemon (node 650)

                  Code    Service
                  ----    ------------------------
                   0      Change Perspective
                   1      Adabas Client Job Information
                   2      Memory Pool Statistics
                   3      Network Discovery
                   4      Daemon Group Members
                   5      Daemon Cache Statistics
                   .      Exit
                  ----    ------------------------
           Code..: _




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

From this menu, you can	Service	Cmd
change perspective	0	
display active Adabas client jobs	1	2.1
display memory pool statistics	2	
network discovery	3	2.3
display daemon group members	4	2.4
display cache statistics	5	2.5

All session monitoring requests will be directed to the current information source as displayed in the Perspective field at the top of the screen. By default this will be either your local client session when you are running in Local (non-daemon) mode or if you are running in daemon mode, monitoring requests will be directed to your coordinator daemon. Options 4 and 5 are only available if you are currently using daemon perspective, as in the example screen above.

Change Perspective

This option can be used to route monitoring requests to any active coordinator daemon or to your local client session (see screen below).

To access the Change Perspective screen from the Session Monitoring menu

- Select service 0.

```
+-----------------------------------------------------------+
|  11:12:59        Change Perspective         2008-05-22  |
|  Current perspective: Daemon (node 650)     C12PSPM1    |
|                                                         |
|  Local:  Shows session monitoring information for this  |
|          job and active targets of the Adabas router    |
|          in use by this job                             |
|  Daemon: Shows session monitoring information for jobs  |
|          managed by the System Coordinator daemon and   |
|          active targets known to the daemon             |
|                                                         |
|  Revert to local (node 0)......: _                      |
|  Change to daemon node.........: _____                  |
|                                                         |
|                                                         |
|            PF3 Exit    PF5 Set perspective              |
|                                                         |
+-----------------------------------------------------------+
```

Change perspective by marking “Revert to local” or entering a daemon node and pressing PF5. For jobs defined to run in daemon mode other options are available:

```
+-----------------------------------------------------------+
|  11:17:04        Change Perspective         2008-05-22  |
|  Current perspective: Daemon (node 660)     C12PSPM1    |
|                                                         |
|  Local:  Shows session monitoring information for this  |
|          job and active targets of the Adabas router    |
|          in use by this job                             |
|  Daemon: Shows session monitoring information for jobs  |
|          managed by the System Coordinator daemon and   |
|          active targets known to the daemon             |
|                                                         |
|  Revert to daemon (node 650)...: _                      |
|  Change to daemon node.........: _____                  |
|  Change to local (node 0)......: _                      |
|                                                         |
|            PF3 Exit    PF5 Set perspective              |
|                                                         |
+-----------------------------------------------------------+
```

Mark "Revert to daemon…" and press PF5 to revert to the job's default daemon (after changing perspective to another daemon) or mark "Change to local…" and press PF5 to switch to local perspective.

Display Adabas Client Job Information

To display the Adabas Client Jobs screen from the Session Monitoring menu

- Select service 1 or enter the command 2.1 on a command line.

```
11:35:09 ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 (I003) *****  2008-05-22
                    -  Adabas Client Job Information  -            C12100M1
Run-mode: Local (node 0)                    Perspective: Local (node 0)
                                             Start Time             Maximum
C  Service    Job Name   Job Num.   Appl.ID   (HH:MM.SS) Sessions  Concurrent
_  None       DAEFCI18   C24243     DAEFCI18   16:30.46       14         1
```

```
 Mark with D(etail),S(essions),M(emory Pools),R(efresh Job Debug Parms),(sna)P
End of List
 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit  Refr                                            Menu
```

This screen shows the TP monitors and other tasks that are currently active and managed by Adabas System Coordinator. Local perspective shows the job that you are executing in, daemon perspective shows all jobs managed by that daemon. The following fields are displayed:

Field	Description
C	This field can be used to display additional information: ■ D: display internal information ■ S: display session information ■ M: display memory pool information ■ R: refresh client debug controls ■ P: snap internal information to CORDUMP
Service	The clustered application service name (if any) used by this job.
Job ... Appl. ID	The job name, job number, and Application ID
Start Time	The start time of the job.
Sessions	The number of user sessions active in the job.
Maximum Concurrent	The number of concurrent threads active. This is a measure of the highest level of concurrent Adabas command throughput.

Display Memory Pools

Selecting Memory Pool Statistics results in the following screen being displayed:

```
11:41:34 ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 (I003) *****  2008-05-22
                    -  Display Memory Pool Statistics  -            C12200M1
 Run-mode: Local (node 0)                    Perspective: Local (node 0)
                                            Pool       Free       Free
 C    Node    Job Name   Pool Name  Extents Size(k)   Memory(k)  Elements  Type
 _   LOCAL    DAEFCI18   F8108320       0      256       243.8        30    0
 _   LOCAL    DAEFCI18   F8132896       0      256       192.8         6    0
 _   LOCAL    DAEFCI18   F8116512       0      256       225.8        14    0
 _   LOCAL    DAEFCI18   F8104224       0      256       247.5        60    0
 _   LOCAL    DAEFCI18   F8107296       0      256       235.1        33    0
 _   LOCAL    DAEFCI18   F8124704       0      256       168.9         7    0
 _   LOCAL    DAEFCI18   F8100256       0      256       253.0      1012    0
 _   LOCAL    DAEFCI18   F8100128       0      256       254.9      2039    0
 _   LOCAL    DAEFCI18   PRIVUSER       0     7695      7315.2        24    0
 _   LOCAL    DAEFCI18   PRIVATE        0      256       251.7         2    0
```

```
 Mark with D(etail),S(nap)
End of List
 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit  Refr                                              Menu
```

This screen shows the memory pools that are used by jobs. The following information is provided:

Field	Description
Pool Name	The PRIVATE pool is allocated in the job's private memory. Shared memory pools are always managed by a coordinator daemon. Fixed pools are named F*vrnnnnn* where *vr* is the product version and revision level and *nnnnn* is the pool element size.
Extents	The number of extents. Performance may be improved by tuning job parameters to eliminate extents.
Free Memory	The amount of free memory available in all extents in the pool.
Free Elements	The number of free elements in the pool.
Type	Pool type. O: The job created and owns the pool P: The job has joined a pool that was created by a previous job

Memory pool display can also be selected from the Session Monitoring menu (option 2).

Display Session Information

See next section **Display Session Information**.

Display Session Information

Selecting Display Session Information results in the following screen being displayed:

```
11:43:46 ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 (I003) *****  2008-05-22
 Job Name: DAEFCI18    -  Display Session Information  -            C12130M1
 Run-mode: Local (node 0)                    Perspective: Local (node 0)
 Select Sessions: ________       Dormant    Memory(k)     Adabas    Quick
 C Service  Session ID   Txn   (HHH:MM.SS)  Allocated      Cmds    Locates  Typ
 _ None      CICSTCCN  DEMO       0:00.08       40.4          34        33  P
 _           ¬ý¥ETCCN  DEMO       0:00.09       38.6           1         0  P
 _           CICSTCB1  *timeout   1:09.20        0.2       13419     13417  P
 _           ¬ý¥ETCB1  *timeout  19:38.23        0.2           2         0  P
 _           CICSTCO3  *timeout   1:09.20        0.2         692       691  P
 _           ¬ý¥ETCO3  *timeout   1:09.20        0.2           1         0  P
 _           CICSTA29  *timeout  24:28.27        0.2         379       378  P
 _           ¬ý¥ETA29  *timeout  24:28.27        0.2           1         0  P
 _           CICSTCBK  DEMO       0:00.04       42.7        1262      1260  P
 _           ¬ý¥ETCBK  DEMO       1:21.24       38.6           1         0  P
 _           CICSTC18  *timeout  21:08.56        0.2         270       266  P
 _           ¬ý¥ETC18  *timeout  21:08.56        0.2           1         0  P
 _           CICSTCLA  *timeout  19:38.23        0.2        3474      3444  P
 _           ¬ý¥ETCLA  *timeout  19:38.23        0.2          37        11  P
 Mark with D(etail),S(nap),P(urge),(swi)T(ch debug on/off),C(ontrols)

 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit  Refr  SortN Top   Back  Fwd   SortT SortU SortO Menu
```

This screen shows the client sessions that are active in a job managed by the Adabas System Coordinator. The following information is provided:

Field	Description
Session ID	The Session ID (last 8 characters only). IDs comprised of special characters are normally generated by the system.
Txn	The current or last Transaction ID executed (TP systems only). The value '*timeout' indicates that the inactivity threshold has been reached for this client session.
Dormant	The amount of time since the last user activity.
Memory	The amount of memory allocated by the user.
Adabas Cmds	The number of Adabas commands executed for this user.
Quick Locate	The number of times the coordinator optimized command processing because two or more commands for the same user were executed consecutively.
Type	Indicates whether or not the user is managed by an Adabas System Coordinator daemon. A value of 'S' indicates that the user is managed by a Adabas System Coordinator daemon.

PF keys can be used to sort the user list in various sequences:

Key	Description
PF5 (SortN)	The list is sorted by User ID.
PF9 (SortT)	The list is sorted in descending time since the user was last active.
PF10 (SortU)	The list is sorted in descending order of the number of Adabas calls issued.
PF11 (SortO)	The list is sorted in descending order of user search optimization. This shows the number of times for each user that an index search was avoided.

Mark a session with one of the commands shown:

- D: display internal information
- S: snap internal information to CORDUMP
- P: purge this session. Be careful not to purge a session that is still in use as this may have unpredictable results. You must confirm the purge request with PF5:

```
+-----------------------------------------------+
|  16:01:32      Purge Session     2006-10-09  |
|                                  C12233M1    |
|                                              |
|             Session ID: UKSJU  4             |
|                                              |
|             PF5 to Confirm Purge             |
|                                              |
|  WARNING:                                    |
|  Purging a session can cause catastrophic    |
|  unpredictable results including failure of  |
|  the whole service. You must be absolutely   |
|  sure the session is gone completely and is  |
|  not going to reactivate.                    |
|                                              |
|                                              |
|  Command ==>                                 |
|       PF1 Help    PF3 Exit    PF5 Purge      |
|                                              |
+-----------------------------------------------+
```

- T: activate or deactivate client debug monitoring for a session

- C: display or modify client runtime controls for a session. Select which product's controls you want to see:

```
+-----------------------------------+
!  14:59:11              U1PRODM1   !
!                                   !
!  Select which product's runtime   !
!  controls you want to maintain:   !
!                                   !
!    _   System Coord.              !
!    _   Adabas Fastpath            !
!    _   Adabas Vista               !
!    x   Transaction Manager        !
!                                   !
!        PF3 Exit                   !
!                                   !
+-----------------------------------+
```

and press Enter

```
15:00:10            ***** CURRENT SESSION CONTROLS *****            2006-07-21
              -  Adabas Transaction Manager Session Controls  -      SETATMM1

                                Last modified 2006-05-10 at 18:49:13 by UKLT
                                       Added 2006-05-10 at 18:49:09 by UKLT
          ATM ON/OFF ... ON_
          SVC number ............................ 252
          System coordinator group name ........ ICFDEMO
          Maximum number of open databases ..... 10
          Number of log record entries ......... 256__
          Transaction control .................. GLOBAL  (Local/Global)
          Emergency serial ET commands ......... FORCE   (Yes/No/Force)
          Generate OP commands ................. NO_     (Yes/No)
          Transaction model .................... MESSAGE (Message/Dynamic)
          External syncpoint on BT command ..... YES     (Yes/No)
          External syncpoint on CL command ..... YES     (Yes/No)
          External syncpoint on ET command ..... YES     (Yes/No)
          Use client-side transaction manager .. NO_     (Yes/No)
          Use host system transaction manager .. NO_     (Yes/No)
          Use extended hold processing ......... NO_     (Yes/No)

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

You can then modify the controls (those which are modifiable on runtime control overrides – see **Maintain Client Runtime Control Overrides**) for this client session only and press PF5 to update them. Press PF6 to revert to the pre-defined runtime controls for all products.

Network Discovery

to use the Network Discovery function from the Session Monitoring menu

1 Select service 3 or enter the command 2.3 on a command line.

```
11:51:39 ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 (I003) *****  2008-05-22
                          -  Network Discovery  -                    C12300M1
 Run-mode: Local (node 0)                    Perspective: Daemon (node 650)

 Coord  L Last Update                                      Status
  Node  R (HH:MM.SS)    DBID   Nuc ID       Type         A S P F   Resp Subc
   650  L  00:17.32      656     656    Unidentified     - - - F   245     2
                         655    6551    Ada Cluster(S)   A S P -
                         651     651    ATM              A S P -
                         650     650    System Coord     A S - -
                         652     652    Adabas           A S P -
                         640     640    Adabas           A S P -
   660  R  11:51.37      660     660    System Coord     A S - -
                         661     661    ATM              A S P -
                         653     653    Adabas           A S P -
                         655    6552    Ada Cluster(S)   A S P -




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

Each Adabas System Coordinator daemon maintains a list of targets that are or were at one time active. This information is communicated to all daemons in the cluster.

When the perspective is daemon, this screen displays the network from that daemon's perspective.

2 You can change the perspective to another daemon or local by pressing PF5:

```
 +-------------------------------------------------------+
|  11:56:09        Change Perspective         2008-05-22  |
|  Current perspective: Daemon (node 650)     C12PSPM1    |
|                                                         |
|  Local:  Shows session monitoring information for this  |
|          job and active targets of the Adabas router    |
|          in use by this job                             |
|  Daemon: Shows session monitoring information for jobs  |
|          managed by the System Coordinator daemon and   |
|          active targets known to the daemon             |
|                                                         |
|  Revert to local (node 0)......: x                      |
|  Change to daemon node.........: _____                  |
|                                                         |
|                                                         |
|            PF3 Exit    PF5 Set perspective              |
|                                                         |
+-------------------------------------------------------+
```

Select the required perspective and press PF5.

3 Local perspective shows the targets active on the Adabas router that your client session is connected to:

```
11:58:10 ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 (I003) *****  2008-05-22
                          -  Network Discovery  -                    C12300M1
 Run-mode: Local (node 0)                    Perspective: Local (node 0)

 Coord  L Last Update                                      Status
  Node  R (HH:MM.SS)    DBID   Nuc ID       Type         A S P F   Resp Subc
                       61001   61001    Entire Network   A - - -
                       60099   60099    Adabas           A - P -
                         180     180    Unidentified     A - - F
                         640     640    Adabas           A S P -
                         652     652    Adabas           A S P -
                         650     650    System Coord     A S - -
                         651     651    ATM              A S P -
                         655    6551    Ada Cluster(S)   A S P -
                       12000   12000    System Coord     A S - -
                       12002   12002    ATM              A S P -
                       12004   12004    Adabas           A S P -
                       12006   12601    Ada Cluster(S)   A S P -


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

4 On systems where the Adabas router uses an SVC, you can use PF2 to "peek" at targets active on another SVC:

```
+-----------------------------------------------------+
|  12:01:21           Change Router           2008-05-22  |
|  Current perspective: Local (node 0)        C12300M3    |
|                                                         |
|  You can peek into another Adabas router in the local   |
|  computer by entering the SVC number BUT...             |
|  WARNING: If you specify an incorrect SVC, there will   |
|  be unpredictable results such as outage of the whole   |
|  TP service and or transaction failures, loops etc.     |
|                        SVC: 254                         |
|                                                         |
|                                                         |
|                PF3 Exit    PF5 Set peek                 |
|                                                         |
+-----------------------------------------------------+
```

Enter the required SVC number and press PF5. Take note of the warning and be careful to specify a valid Adabas SVC number.

```
12:02:05 ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 (I003) *****  2008-05-22
                          -  Network Discovery  -                    C12300M1
 Run-mode: Local (node 0)                    Perspective: Peeking at SVC 254

 Coord  L Last Update                                      Status
  Node  R (HH:MM.SS)    DBID   Nuc ID       Type         A S P F   Resp Subc
                       50932   50932    Entire Network   A - - -
                         180     180    Unidentified     A - - F
                         135     135    Unidentified     A - - F   245     2
                          11      11    Adabas           A S P -
                         110     110    Adabas           A S P -
                       17030   17030    Adabas           A - P -
                       17003   17003    Adabas           A S P -
                       17001   17001    Adabas           A S P -
                        8001    8001    Unidentified     A - - F   101     8
                       17035   17035    Adabas           A S P -
                       17005   17005    System Coord     A S - -
                       17002   17002    System Coord     A S - -


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

Display Daemon Group Members

To display the daemon group members screen from the Session Monitoring menu

- Select service 4 or enter the command 2.4 on a command line.

```
12:07:12 ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 (I003) *****  2008-05-22
                     -  Display Daemon Group Members  -            C12400M1
 Run-mode: Local (node 0)                    Perspective: Daemon (node 650)
                                  Start Time            <----Cluster Moves--->
 Coordinator Name  Node  System   (HH:MM.SS)   Sessions       Total   Ave. Size
 ICFDCOR1           650  DAEF      08:43.25           0           0           0
 ICFDCOR2           660  DA2F      08:43.30           0           0           0
                                                                                
                                                                                
                                                                                
                                                                                
                                                                                
                                                                                
                                                                                
                                                                                
                                                                                
                                                                                
End of List
 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit  Refr                                          Menu
```

The screen shows the daemons that are active in the coordinator group. This option is only available when using daemon perspective, because node information is kept in the daemon, not in the local client.

The following information is provided:

Field	Description
Coordinator Name	The name and job number of the coordinator daemon task.
Node	The Adabas Node ID of the coordinator daemon.
System	The operating system ID.
Start Time	The start time of the coordinator daemon.
Sessions	The number of client sessions currently managed by this coordinator daemon.

Field	Description
Cluster Moves	The number of client sessions that have been routed dynamically to this system, and the average session message size per move. This field is only relevant for clustered applications in a multisystem environment.

Display Cache Statistics

To display the Cache Statistics screen from the Session Monitoring menu

- Select service 5 or enter the command 2.5 on a command line.

```
 12:09:29 ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 (I003) *****  2008-05-22
                 -  Display Cache Statistics - Summary  -           C12500M1
 Run-mode: Local (node 0)                    Perspective: Daemon (node 650)
  Detail                                  Detail
   Page                                    Page
    1  CSCSREADHITC......: 0                4  CSCSXINMINVALC....: 0
    .  CSCSRMDIRHITC.....: 0                .  CSCSXICMINVALC....: 0
    .  CSCSCASTOUTCC.....: 0                5  CSCSCASTOUTC......: 0
    .  CSCSREFSIGMISSC...: 0                .  CSCSREFSIGMISSC...: 0
    2  CSCSTMCFULLCLC....: 0                .  CSCSTMCFULLC......: 0
    .  CSCSDIRENTRYC.....: 0                .  CSCSDIRENTRYC.....: 0
    .  CSCSWHITCB1C......: 0                6  CSCSDATAREAELEC...: 0
    .  CSCSWMNOTREGC.....: 0                .  CSCSTOTCHNGDC.....: 0
    3  CSCSWMINVSTATEC...: 0                .  CSCSDATAREAC......: 0
    .  CSCSWMTSCFULLC....: 0                .  CSCSCMPLREFLSTC...: 0
    .  CSCSDIRENTRYRCLC..: 0                7  CSCSPRTCREFLSTC...: 0
    .  CSCSDAENTRCLC.....: 0                .  CSCSXILCVIREPL....: 0
    4  CSCSXIDIRRCLC.....: 0                .  CSCSWUXIC.........: 0
    .  CSCSXIWRITEC......: 0


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

This screen displays the IBM sysplex coupling facility cache memory statistics. The definition of each statistical value is provided on a series of detailed screens, together with a repetition of the value.

Use PF11 to display a series of detail screens. Use PF10 to return to the last screen. You can then use the same PF keys to proceed forward or backward to the desired screen.

Cache statistics are valid only if the coordinator group is defined as type “Sysplex”.

6 Special Services

Special Services Menu

To display the Special Services menu

- Select service 3 from the main menu.

  The following menu will appear:

```
11:32:43 ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 (I002) *****  2007-08-02
                       -  Special Services  -                       C13000M1
Run-mode: Local

                 Code    Service
                 ----    --------------------------------
                  0      Runtime Information
                  1      Verify System Coordinator Client
                  2      Verify System Coordinator Daemon
                  3      Fix Display
                  .      Exit
                 ----    --------------------------------
          Code..: _




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

From this menu, you can	Service	Cmd
display runtime information	0	n/a
verify Adabas System Coordinator client installation	1	3.1
verify Adabas System Coordinator daemon installation	2	3.2
display zaps which have been applied	3	3.3

Runtime Information

To display runtime information

- Select option 0 from Special Services menu.

```
11:44:31 ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 (I002) *****  2007-08-02
                         -  Runtime Information  -                  C13002M1

 Run-mode: Local


 Job Name  : UKSJU      Job Number  : U43147     Job Type: TSO
 Group Name: n/a        Service Name: n/a


 Configuration File     Database      File         Router
          Primary:           135       157            254
          Alternate:
                        Response code.....: 0         Subcode: 0
                        Retry setting.....: 1000      Current: 0
                       SF148.............: Continue

 Critical Products:     AVI
 Active Products  :     ATM   AFP   AVI


 Threads: 1          Recoveries: 0          Sessions: 3


 Inactivity Timeout Limit..................: 1800______  S (S/M/H/D)



 Command ==>

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help              Refr  Upd                                       Menu
```

The screen shows:

- Information about the current job and whether it is running in daemon mode
- The primary and alternate configuration files in use. If the configuration file has not yet been accessed successfully and SF148 is set to “Continue”, PF11 is named Retry and can be used to force another attempt to access the configuration file (for example, after the database has been started).

- Which products are defined as critical for this client job
- Which products are currently active in this client job
- The number of active threads, thread recoveries and active sessions
- The current timeout settings for this client job. You can change these dynamically by entering a new value and pressing PF5.

Verify Adabas System Coordinator Client Installation

This function can be used to verify the successful installation of an Adabas System Coordinator client.

Verify Adabas System Coordinator Daemon Installation

This function can be used to verify the successful installation of an Adabas System Coordinator daemon.

Display Zap Information

To display the zap Information

- Select option 3 from Special Services menu.

```
09:44:17 ***** A D A B A S   SYSTEM COORDINATOR 8.1.2 (I002) *****  2007-08-10
                         -  Display Applied Zaps  -                 C13300M1

 Version: COR 8.1.2  Assembly Date: 26/01/07 Build: 0000


 001  002  003  004  ---  006  007  008  009  010  011  012  013  ---  ---  ---
 ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---
 ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---
 ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---
 ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---
 ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---
 ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---
 ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---
 ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---
 ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---
```

```
 ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---
 ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---
 ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---
 ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---
 ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---

                                              Node/Database ID: _____


 Command ==>

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
                 Exit                                                    Menu
```

Initially the screen will show all zaps applied to the Adabas System Coordinator kernel (CORKRN) in the client environment.

Enter a coordinator daemon node id or database id to display the zaps applied to the Adabas System Coordinator kernel in use by that daemon or database.

7 Coordinator File Facility

The Adabas System Coordinator provides a central file facility for use by optional Adabas features such as Adabas Transaction Manager. The documentation for the optional features will state clearly if you need to define an Adabas System Coordinator file (SYSCO file). A SYSCO file is associated with a System Coordinator Group.

A SYSCO file is a logical collection of related records. A single container file can contain more than one logical SYSCO files.

to define a SYSCO file:

1 Define a standard file in an Adabas database. This will be the container for your logical SYSCO file. Define the file in a database which will always be accessible to every COR daemon in the group which requires the file facility. You can use the sample job CORI050F, suitably modified, to create the file. For information about setting appropriate ADALOD parameters for the file, refer to the documentation for the Adabas option that will use it.

2 Log on to the online system, SYSCOR. Ensure that you have defined the System Coordinator Group which will own the SYSCO file. Having made your group definition, navigate to the list of System Coordinator Groups, mark the appropriate group name with F, as shown below, and press Enter:

```
07:53:01   ***** A D A B A S   SYSTEM COORDINATOR 8.1.2  *****     2006-07-18
                -  System Coordinator Groups -                      C11200M1

Runmode: Local                                                Session: Local
                                          Cluster Facility
C Group Name   Type     SVC ID           Name          Members
F  CORATMGP   Sysplex     254      SYSCOR_CACHE1          1
   CORGROUP   Multi       244                             1
```

```
  Mark with D(isplay),M(odify),P(urge),R(ename),E(xpand),F(iles)
 Command
==>Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12
                  Help        Exit  Refr                                 Add
     Menu
```

3 At the next screen, press PF10 to add a new definition. The following screen will appear:

```
12:47:34                 Add File Definition             2006-07-18
                                                                  C11270M2

   Group Name: CORATMGP

   File Name: _________   DB ID: _____   File Number: _____  SVC: ___

   Description: ____________________________________________________


               Press PF5 to confirm


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

Refer to the documentation of the Adabas option that will use the facility; this will tell you the File Name that must be entered on this screen, and suggest a suitable description. The File Name is a logical name, and has specific meaning to the Adabas option that will use it; it is not related to the Adabas file name that is supplied to ADALOD.

Enter the DB ID and File Number of the container file that you loaded, and the SVC by which the database can be accessed. Press PF5 to confirm the definition.

The SYSCO file is now available for use.