Current Activity Displays

The Current Activity Displays function can be used to obtain information and statistics on all applications being managed by the Adabas System Coordinator.

- Current Activity Displays Menu

- Change Perspective

- Adabas Client Activities

- Display Session Information

- Expand Adabas client sessions

- Network Discovery

- Display Daemon information

Current Activity Displays Menu

▶ **To display the Current Activity Displays menu**

- Select service 2 from the main menu.

```
11:24:13      ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****      2012-03-06
               -  Current Activity Displays  -                  C12000M1
 Run-mode: Pulsing (node 2650)                Perspective: Daemon (node 2650)


                 Code    Service
                 ----    ------------------------
                  0      Change Perspective
                  1      Adabas Client Activities
                  2      Network Discovery
                  3      Daemon Information
                  .      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	
Adabas client activities	1	2.1
network discovery	3	2.2
display daemon information	4	2.3

All information 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 pulsing or full daemon mode, monitoring requests will be directed to your coordinator daemon. Option 3 is only available if you are currently using daemon perspective, as in the example screen above. Bear in mind that the information displayed in pulsing mode may not be as current as the same information displayed in local mode. In pulsing mode, you see a snapshot of the information as it was last transmitted to the daemon. The frequency of transmission depends on the client runtime "Refresh activity statistics" controls.

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 Current Activity Displays menu**

● Select service 0.

```
+----------------------------------------------------------------+
|  11:12:59         Change Perspective         2008-05-22        |
|  Current perspective: Daemon (node 650)      C12PSPM1          |
|                                                                |
|  Local:  Shows current activity displays information for this  |
|          job and active targets of the Adabas router          |
|          in use by this job                                    |
|  Daemon: Shows current activity displays 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 current activity displays information for this|
|         job and active targets of the Adabas router        |
|         in use by this job                                  |
| Daemon: Shows current activity displays 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.

When running in pulsing mode, the options are slightly different, with "Revert to Pulsing…" instead of "Revert to daemon…":

```
+----------------------------------------------------------+
| 11:21:57          Change Perspective        2011-12-04   |
| Current perspective: Daemon (node 2660)     C12PSPM1     |
|                                                          |
| Local:  Shows current activity displays for this        |
|         job and active targets of the Adabas router     |
|         in use by this job                              |
| Daemon: Shows current activity displays for jobs        |
|         managed by the System Coordinator daemon and    |
|         active targets known to the daemon              |
|                                                          |
| Revert to Pulsing (node 2650)....: _                    |
| Change to daemon node............: _____                |
| Change to local (node 0).........: _                    |
|                                                          |
|          PF3 Exit    PF5 Set perspective               |
|                                                          |
+----------------------------------------------------------+
```

Adabas Client Activities

- List jobs managed by Adabas System Coordinator

- List Adabas clients known by System Coordinator daemon

▶ **To display the Adabas Client Activities screen from the Current Activity Displays menu**

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

You can now choose between listing activities for Adabas clients in a single job, or across all jobs.

```
 11:24:13     ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****     2012-03-06
                 - Current Activity Displays  -              C12100M0
 Run-mode: Local plus (node 1660)            Perspective: Daemon (node 1660)


               Code    Service
               ----    ------------------------
                1      Adabas clients within job
                2      Adabas clients across jobs
                .      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
List jobs managed by Adabas System Coordinator	1
List Adabas clients known by System Coordinator daemon	2

List jobs managed by Adabas System Coordinator

```
 11:22:52       ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****      2011-12-04
                    -  Adabas Client Job Information  -           C12100M1
 Run-mode: Pulsing (node 2650)                 Perspective: Daemon (node 2650)
                               Start Time      Number      Current    Maximum
 C   Service   Job Name  Job Num. (HH:MM:SS)  of commands  Sessions   Sessions
 _   None      DAEFCI18  C56042   23:26.18        33,556         4          4












 Mark with any character to expand or D(isplay),T(asks)
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 job information ● T: perform tasks on the job ● Any other non-blank character lists session information.
Service	The clustered application service name (if any) used by this job.
Job Name/Job Num	The job name and job number.
Number of commands	The number of Adabas commands issued by the job.
Start Time	The start time of the job.
Current Sessions	The number of user sessions active in the job.
Maximum Sessions	The maximum number of sessions active since the job started.

Display Job Information

Selecting Display results in the following screen being displayed:

```
 11:26:54      ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****      2011-12-04
                       -  Display Job Details  -                 C12110M1
 Run-mode: Pulsing (node 2650)                 Perspective: Daemon (node 2650)
 Job Name: DAEFCI18    Job Number: C56042


       No. of commands:                              32,733
       Thread peak information:
           Session size:                            80K
           Workarea size:                           76K
           Total:                                   199K












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

This screen shows the total number of Adabas commands seen by System Coordinator in this job and peak thread size information for session-related memory, temporary workarea and total thread size. Pressing PF10 lists the job's sessions (see Display Session Information).

Tasks

This function gives a task selection window. Mark the selected task (currently only Snap is available) and press PF5 to perform the task:

```
+-------------------------------------------------------------------+
|  11:28:26           Adabas Client Job Tasks          2011-12-04   |
|  Job name: DAEFCI18 number: C56042                                |
|                                                                   |
|  Select one task:                                                 |
|  _ Snap                                                           |
|                                                                   |
|                                                                   |
|                                                                   |
|                                                                   |
|                                                                   |
|                                                                   |
|                                                                   |
|                                                                   |
|                                                                   |
|           PF3 Exit    PF5 Perform task                            |
|                                                                   |
+-------------------------------------------------------------------+
```

Expand

Any other non-blank character lists the job's sessions (see Display Session Information).

PF11 on the Adabas Client Job Information screen allows you to cycle through information for other installed products, in the sequence System Coordinator, Transaction Manager, Fastpath, Vista, refer to the documentation for those products for more information.

List Adabas clients known by System Coordinator daemon

```
 16:28:19     ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****    2012-03-12
                  - Adabas Client Login id Information  -        C12140M1
 Run-mode: Pulsing (node 2650)              Perspective: Daemon (node 2650)
 Go to login id: _____      Number      Number      Total
 C  Login id               of sessions   of jobs    commands
 _  UKSJU                          5          3       33,556




 Mark with any character to expand
End of List
 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
     Help        Exit  Refr                                MyGo        Menu
```

This screen shows the login ids (across all jobs) that are currently active and managed by Adabas System Coordinator. It is only available in daemon perspective. The following fields are displayed:

Field	Description
Go to login id	Reposition the list at the specified login id. Enter *MY to reposition the display at your own logon identity (taken from the current *INIT-USER). This allows you to quickly get to display activities for your current session.
C	Enter any non-blank character to list session information for this login id (see Display Session Information.)
Login id	The login id.
Number of sessions	The number of active sessions for this login id, across all jobs.
Number of jobs	The number of jobs in which this login id is active.
Number of commands	The number of Adabas commands issued by the login id.

Display Session Information

Expanding a job or login id results in the following screen being displayed:

```
 11:36:31      ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****      2011-12-04
                     -  Display Session Information  -           C12130M1
 Run-mode: Pulsing (node 2650)              Perspective: Daemon (node 2650)
 Service: None     Job: DAEFCI18 C56042   ID: CI18     Commands:        33,397
 Sessions: 4         Session size: 80K    Work size: 76K    Total: 199K
 Go to terminal: _____        Dormant        Number
 C      Session id      Login id (HHH:MM.SS)  of commands         Status
 _   TA20    DAEFCI18  TEAM2        0:18.45          252        at rest
 _   TA21    DAEFCI18  TEAM3        0:00.08          898        at rest
 _   TA26    DAEFCI18  UKSJU        0:00.01          753     running in Adabas
 _   TA29    DAEFCI18  TEAM1        0:17.31       20,297        at rest




 Mark with any character to expand or T(asks)
End of List
 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
     Help        Exit  Refr                         Jobs  MyGo        Menu
```

This screen shows summary information about the job (when expanding a job) and the client sessions that are active for a job or login id managed by the Adabas System Coordinator. The following information is provided:

Field	Description
Go to terminal	Reposition the list at the specified terminal id. Enter *MY to reposition the display at your own terminal identity (taken from the current *INIT-ID). This allows you to quickly get to display activities for your current session.
Session ID	The Session ID. In a TP system, a session is usually equivalent to a terminal or an asynchronous task (also known as background tasks). IDs comprised of special characters are normally generated by the system.
Login ID	The login id of the session.
Dormant	The amount of time since the last user activity.
Number of commands	The number of Adabas commands issued by the session.
Status	The current status of the session. This shows one of

• "at rest" for sessions that are currently dormant

• "running" for sessions that are active but not currently in Adabas

• "running in Adabas" for sessions that are active and in Adabas

Press PF9 to toggle the status column between the session status and the job in which the session is active. |

Mark a session with one of the commands shown:

• T: perform tasks against the session

```
+------------------------------------------------------------------+
|  11:47:03            Client Session Tasks            2011-12-04   |
|  Job name: DAEFCI18 Session ID: TA21     DAEFCI18                 |
|                                                                   |
|  Select one task:                                                 |
|  _ Snap                                                           |
|  _ Switch debug on/off                                            |
|  _ Purge                                                          |
|                                                                   |
|                                                                   |
|                                                                   |
|                                                                   |
|                                                                   |
|                                                                   |
|                                                                   |
|                                                                   |
|               PF3 Exit    PF5 Perform task                        |
|                                                                   |
+------------------------------------------------------------------+
```

Select the required task and press PF5 to perform it.

• S: snap internal information to CORDUMP.

- Activate or deactivate client debug monitoring for a session.

- 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     |
|                                               |
+----------------------------------------------+
```

- Any other non-blank character to expand Adabas client sessions, see the next section.

Expand Adabas client sessions

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

```
 11:50:48     ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****    2011-12-04
 Job Name: DAEFCI18   - Display Session Information  -          C12136M1
 Run-mode: Pulsing (node 2650)                 Perspective: Daemon (node 2650)
 Session ID: TA29    DAEFCI18 Hex: E3C1F2F900000000C4C1C5C6C3C9F1F8

                     Status:
 Terminal name..............: TA29      Network name...............: DAEETA29
 Login id...................: TEAM1     Task number................: 3711
 Activity pulses to WORKSHOP : 2946     Transaction code...........: PRAD
 Latency writes.............: 10        Reads......................: 9
 Thread information...Session: 96       Workspace..................: 16K

 ADAMODE sessions:
 C  Adabas Session Identity          Hex
 _  CICSTA29   00000000000000000000000000000000000000000C3C9C3E2E3C1F2F9




 Mark with any character to expand or T(asks)
Top of List
 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
     Help        Exit  Refr                                            Menu
```

This screen shows information about the session and lists the Adabas client sessions that are active for it. The following information is provided:

Field	Description
Terminal name	The terminal name (for terminal sessions).
Network name	The network name (for terminal sessions).
Login ID	The login id in use by this session.
Task number	The task number (for CICS sessions).
Activity refreshes	For pulsing mode, shows the number of times this session has transmitted information to the daemon and in which group the daemon is running.
Transaction code	The transaction code in use by this session.
Latency writes/reads	The number of message pairs executed by this session.
Current thread information	The current sizes of this session's session and work areas.

This screen shows the Adabas client sessions that are active. Mark a session with one of the commands shown:

- T: perform tasks on this Adabas client session:

```
+----------------------------------------------------------------+
|  11:57:49       Adabas Client Session Tasks       2011-12-04   |
|  Job name: DAEFCI18 Session ID: TA29     DAEFCI18              |
|  Adabas session id: CICSTA29 Hex:                              |
|  00000000000000000000000000000000000000000C3C9C3E2E3C1F2F9     |
|                                                                |
|  Select one task:                                             |
|  _ Controls                                                    |
|  _ Trace                                                       |
|  _ Purge                                                       |
|                                                                |
|                                                                |
|                                                                |
|                                                                |
|                                                                |
|              PF3 Exit    PF5 Perform task                      |
|                                                                |
+----------------------------------------------------------------+
```

Select the required task and press PF5 to perform it.

- Controls: display or modify client runtime controls for a session. Initially you are presented with System Coordinator's controls:

```
 12:00:15              ***** CURRENT SESSION CONTROLS *****              2011-12-04
                  - System Coordinator Session Controls  -          CORENVM1


   API runtime overrides....:              Threadsafe operation...: Y
   Use additional exits.....: N
   Maximum idle time (sec)..: 3600        Non-terminal idle time.:
   Generate RSP009/79 (Y/N).: Y (until 0         seconds elapse)
   Cleanup at start.........: N (Y/N)
   Runtime messages........: Y Default _ Local (DDMSG) file _ Daemon (DDMSG)
   Activity pulse every.....: 43       commands or 9      seconds
     Display (mark one).....:   Daemon shared memory
                                Daemon memory
     Latency (mark one).....: X Local and TSQ prefix: WORK
                               _ Group latency disk file
                               _ Daemon shared memory
                               _ Daemon memory
   Group name...............: WORKSHOP (required if group/daemon services used)



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

Modify them as required and press PF5 to update the session's controls. To modify controls for another product, press PF11 until the required product appears:

```
 12:03:15              ***** CURRENT SESSION CONTROLS *****              2011-12-04
            - Adabas Transaction Manager Session Controls  -        SETATMM1

                            Last modified 2011-11-08 at 10:39:03 by TEAM1
      ATM ON/OFF ...... ON_          Added 2011-11-03 at 08:33:21 by UKMCM
      System coordinator group name ........... WORKSHOP
      Maximum number of open databases ........ 4
      Number of log record entries ............ 0____
      Continuous operation mode ............... FORCE   (Yes/No/Force)
      Coordinate Adabas outside the group ..... YES     (Yes/RM/No)
      Application controls ET data ............ NO_     (Yes/No)
      Generate OP commands .................... NO_     (Yes/No)
      Use extended hold processing ............ NO_     (Yes/No)
      Disable Adabas dynamic transaction model  NO_     (Yes/No)
      Open distributed transaction support..... NO_     (Yes/No)
          Transaction control by other vendors NO_     (Yes/No)
                            by ET .......... YES     (Yes/No)
                            by BT .......... YES     (Yes/No)
                            by CL .......... YES     (Yes/No)


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

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.

● Trace: display the unified trace for this session:

```
+----------------------------------------------------+
|  12:05:17                                U1UTR0MX  |
|                                                    |
|  Select one of the following options for the trace |
|  date/time display:                                |
|                                                    |
|    X   Your local time                             |
|    _   The Time-Of-Day clock in the trace record   |
|    _   Adjust the time by                          |
|        Plus/minus...: _ (+/-)                      |
|        Hours:minutes: 00:00                         |
|                                                    |
|                    PF3 Exit                        |
|                                                    |
+----------------------------------------------------+
```

Select how you want the date and time to be displayed and press ENTER:

```
 12:06:15      ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****      2011-12-04
                         -  Trace Entries  -                          U1UTR0M1

 Node ID: LOCAL Session ID: CICSTA29 Hex: C3C9C3E2E3C1F2F9 Job: DAEFCI18
 Terminal name....................: TA29          Login id......: TEAM1
 C   Date      Time       CMD    Identity  Database/File    ISN    RSP/Sub-code
 _ 11-12-04 11:45:11.0   RC    03200201      640     0  00000000   0      0
 _ 11-12-04 11:45:11.0   S1    00000000      640     8  00000000   0      0
 _ 11-12-04 11:45:11.0   S1    31950101      640   195  00000006   0      0
 _ 11-12-04 11:45:11.0   V1    00000000      640     0  00000000   0      0
 _ 11-12-04 11:45:11.0   V1    00000000      640     0  00000000   0      0
 _ 11-12-04 11:45:11.0   S1    00000000      640     8  00000000   0      0
 _ 11-12-04 11:45:11.0   L3    24750201      640     8  00041917   0      0
 _ 11-12-04 11:45:11.0   RC    24750201      640     0  00000000   0      0
 _ 11-12-04 11:45:11.0   L3    24750201      640     8  00041917   0      0
 _ 11-12-04 11:45:11.0   L3    24750201      640     8  0003BC52   0      0
 _ 11-12-04 11:45:11.0   RC    24750201      640     0  00000000   0      0
 _ 11-12-04 11:45:11.0   S1    00000000      640     8  00000000   0      0

 Mark for more information

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

Mark a trace entry for more information or use PF11 to toggle the display between original and target database id and file number.

Additional information shown when marking a trace entry:

```
 12:08:06      ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****      2011-12-04
                           -  Trace Entries  -                         U1UTR1M1

 Node ID: 2650  Session ID: CICSTA29 Hex: C3C9C3E2E3C1F2F9 Job: DAEFCI18
 Terminal name...................: TA29          Login id......: TEAM1
 Product <------------------ Trace events description ------------------>
   COR   Command start
         DADA entry
         DADA entry
         DSVC router call
         DADA exit
   AVI   Command start - client-side
         No cursor or transaction activity
         Database rule locator
         Database details locator
         Target rule locator
         File details locator
         Process normal command
         New cursor detected
         Router/Adabas processing


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

PF11 cycles round product-specific trace information for each active product.

- P: purge this Adabas client 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:

```
+------------------------------------------------------------------------+
|  12:34:52                  Purge Adabas Session              2011-04-14 |
|                                                             C1213ZM1    |
|  Session ID: CICSTC95                                                   |
|        Hex: 000000000000000000000000000000000000000C3C9C3E2E3C3F9F5     |
|                                                                         |
|                        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.         |
|                                                                         |
|                                                                         |
|                        PF3 Exit     PF5 Purge                           |
|                                                                         |
+------------------------------------------------------------------------+
```

- Any other non-blank character displays information about this Adabas client session.

```
 12:11:59      ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****      2011-12-04
                - System Coordinator Session Statistics  -        U1STS0M1
 Node ID: 2650  Session ID: CICSTA29 Hex: C3C9C3E2E3C1F2F9 Job Name: DAEFCI18
 Terminal name: TA29            Network name: DAEETA29      Login id: TEAM1


       No. of commands:                                 20,562












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

Use PF10 to perform tasks on this Adabas client session:

```
+----------------------------------+
|  12:23:37    Tasks      U1TSK0M1  |
|                                   |
|  Select the task you wish to      |
|  perform for this session:        |
|                                   |
|   _    List Accessed Databases    |
|   _    TM: Stop Adabas UQEs       |
|                                   |
|                                   |
|                                   |
|                                   |
|            PF3 Exit               |
|                                   |
+----------------------------------+
```

You can list the databases that have been accessed:

```
 12:25:01      ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****      2011-04-14
                    - List Accessed Databases -                       U1TSK1M1

 Session: CICSTC95 Fully qualified session (hexadecimal):
                   00000000000000000000000000000000000000C3C9C3E2E3C3F9F5
 Number of databases currently being accessed:
       Database Comment
         135
         640









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

TM: Stop Adabas UQEs can only be selected when Adabas Transaction Manager is active.

For more information refer to the Adabas System Coordinator online administration section in Adabas
Transaction Manager's Online Services documentation.

```
 12:27:50      ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****      2011-04-14
                    - Stop Adabas UQEs -                              U1TSK1M1
 Using daemon node: 0     (optional, if 0 the runtime daemon node is used)
 Session: CICSTC95 Fully qualified session (hexadecimal):
                   00000000000000000000000000000000000000C3C9C3E2E3C3F9F5
 Number of databases currently being accessed:
       Database Comment
         135
         640










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

Press PF5 to action the stop.

PF11 on the Adabas client session list allows you to cycle through information for other installed products, in the sequence System Coordinator, Transaction Manager, Fastpath, Vista.

```
 12:15:52     ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****      2011-12-04
               -  Transaction Manager Session Statistics  -         U1STS0M4
 Node ID: LOCAL Session ID: CICSTA29 Hex: C3C9C3E2E3C1F2F9 Job Name: DAEFCI18
 Terminal name: TA29           Network name: DAEETA29        Login id: TEAM1
 --Transaction activities summary ----------Done-----------------Undone--------
 Adabas DTP:        Single-phase:                 0 (0%)                0 (0%)
                            Full:                 0 (0%)                0 (0%)
            Continuous operation:                 0 (0%)                0 (0%)
                       Sub-total:                 0 (0%)                0 (0%)
 Adabas open DTP:  Single-phase:                  0 (0%)                0 (0%)
                            Full:                 0 (0%)                0 (0%)
            Continuous operation:                 0 (0%)                0 (0%)
                       Sub-total:                 0 (0%)                0 (0%)
 Combined total:                                  0 (100%)             0 (100%)
 --Other ------------------------------------------------------------------
        Transaction time expiry:          0
            Heuristic completions:        0
  Recovery file reads and writes:         0                      0
 Duration (secs) average and peak:        0.00                   0.00
        RM and non-RM used count:         1                      1


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

Some products offer more information via PF9 (only when the perspective is local):

```
 12:33:41     ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****      2011-04-14
                     -  Session Details  -                    U1TMA0M1
 Job Name: DA2FCI23      Co-ordinator: ATM                Client Type: 00 - DTP
 Terminal ID: TC95     E3C3F9F500000000       Net Name: DAEETC95 C4C1C5C5E3C3F9F5
 Client ID:            0000000000000000       Status:  F00000000000  GT
 CommID: 000CA10E 20980001 40404040 40404040 00FC7700 C3C9C3E2 E3C3F9F5
    XID: C1C4C101 00000050 00000000 00000000 00000000 00000000 00000000 00000000
         00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
         00000000 00000000 00000000 00000000 00000000 00000000 00000000 C2D80000
         00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
 Adabas calls: 6804                            ASA: 00000000 GTQE: 00000000
 Last Function Call: 22  - WRAP CMD            Transaction model: MESSAGE
  DBNo.  L/R  DTP    ETID      Status     |     Pending Response Codes
  640    R    N           8060 ET         |         Resp.   Subcode
  135    R                8062 ET         |
                                          ¦
                                          ¦
                                          ¦
                                          ¦
                                          ¦


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

Network Discovery

▶ **To use the Network Discovery function from the Session Monitoring menu**

1. Select service 2 or enter the command 2.2 on a command line.

```
 12:42:00     ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****     2011-04-14
                          -  Network Discovery  -                      C12200M1
 Run-mode: Local plus (node 1660)            Perspective: Daemon (node 1660)
   Coord  L Last Update                                    Status
 C  Node  R (HH:MM.SS)    DBID   Nuc ID      Type        A S P F   Resp Subc
 _  1660  L  11:57.13     655    6552    Ada Cluster(S)   A S P -
 _                        1660   1660    System Coord     A S - -
 _                        653     653    Adabas           A S P -
 _  1650  R  11:56.31     655    6551    Ada Cluster(S)   A S P -
 _                        1650   1650    System Coord     A S - -
 _                        652     652    Adabas           A S P -
 _                        640     640    Adabas           A S P -




 Mark with T(asks)
 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.

You can perform tasks against some node types. For a daemon, you can for example set it to be your current perspective or switch daemon tracing on/off or display daemon trace information etc.

Tasks with *TM*: in the description can only be selected when Adabas Transaction Manager is installed and are described in the Adabas System Coordinator online administration section in Adabas Transaction Manager's Online Services documentation.

```
+----------------------------------------------------------------+
| 11:13:21               Node Operations               2012-03-13 |
| Current target: 2650   Type: System Coord                       |
|                                                                 |
| Select one task:                                                |
| _ Set your perspective to this daemon                           |
| _ Trace activation control (ON/OFF): ___                        |
| _ Trace display                                                 |
| _ TM: ET data management                                        |
| _ TM: Set TM distribution transaction timeout                   |
| _ TM: Stop inactive users (STOPI), dormant for _____  seconds |
|                                                                 |
|                                                                 |
|                                                                 |
|                                                                 |
|                    PF3 Exit    PF5 Perform task                 |
|                                                                 |
+----------------------------------------------------------------+
```

Mark the required task and press PF5.

For an Adabas nucleus, you can switch tracing on or off or display its trace information:

```
+----------------------------------------------------------------+
| 12:24:35               Node Operations               2011-12-04 |
| Current target: 17076 NucID 17076 Type: Adabas                  |
|                                                                 |
| Select one task:                                                |
| _ Trace activation control (ON/OFF): ___                        |
| _ Trace display                                                 |
|                                                                 |
|                                                                 |
|                                                                 |
|                                                                 |
|                                                                 |
|                                                                 |
|                                                                 |
|                    PF3 Exit    PF5 Perform task                 |
|                                                                 |
+----------------------------------------------------------------+
```

Mark the required task and press PF5.

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 8.2.2 (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:

```
+-----------------------------------------------------------+
| 12:44:58           Change Router            2011-04-14    |
| Current perspective: Peeking at SVC 252    C12200M3       |
|                                                           |
| 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: 252                           |
|                                                           |
|                                                           |
|             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.

```
 12:45:27     ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****     2011-04-14
                      - Network Discovery  -                        C12200M1
 Run-mode: Local plus (node 1660)            Perspective: Peeking at SVC 252
   Coord  L Last Update                                  Status
 C  Node  R (HH:MM.SS)    DBID   Nuc ID       Type       A S P F   Resp Subc
 _                        61002  61002    Entire Network  A - - -
 _                          180    180    Unidentified    A - - F
 _                        12001  12001    Unidentified    A - - F
 _                        12003  12003    Unidentified    A - - F
 _                        12005  12005    Unidentified    A - - F
 _                        12006  12602    Unidentified    A - - F




 Mark with T(asks)
 Top of List
  Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Peek  Exit  Refr  Persp         Fwd              Prods Menu
```

Display Daemon information

▶ **To display the daemon information screen from the Session Monitoring menu**

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

```
 12:07:01 ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 (I001) *****  2011-09-01
                         -  Daemon Information  -                    C12300M1
  Run-mode: Local plus (node 1660)            Perspective: Daemon (node 1660)
                                Start Time            <----Cluster Moves--->
  Coordinator Name  Node  System  (HH:MM.SS)  Sessions      Total   Ave. Size
  ICFDCOR4          1660  DA2F      12:19.47         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 information about the daemon being used as perspective. 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 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.
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.