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

```
 17:16:40 ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 (I001) *****  2012-08-29
                   - Adabas Client Job Information  -         C12100M1
 Run-mode: Pulsing (node 2660)                 Perspective: Daemon (node 2660)
                                    Number     Current
 C  Service   Job Name  Job Num.    of commands  Sessions  Area      System
 _  None      DA2FCI23  C34504         34,678       3




















 Mark with any character to expand or D(isplay),T(asks),J(obs)
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 ● J: list the jobs which comprise a clustered application service ● Any other non-blank character lists session information.
Service	The service name for a clustered application.
Job Name/Job Num	The job name and job number.
Number of commands	The number of Adabas commands issued by the job.
Current Sessions	The number of user sessions active in the job.
Area/System	The site-dependent settings for this job.

Display Job Information

Selecting Display results in the following screen being displayed:

```
 17:19:24 ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 (I001) *****  2012-08-29
                 -  System Coordinator Job Statistics  -          U1JOS0M1
 Run-mode: Pulsing (node 2660)                 Perspective: Daemon (node 2660)
 Job Name: DA2FCI23

       No. of commands:                                   34,703
       Thread peak information:
           Session size:                                    80K
           Workarea size:                                   76K
           Total:                                          199K
     Consolidated thread information
           Current number of threads                          3
           Maximum number of threads                         12
           Current memory usage (all threads)              158K
           Maximum memory usage (all threads)            1,174K
       Area:
       System:







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

This screen displays:

- the total number of Adabas commands seen by System Coordinator in this job

- peak thread size information for session-related memory, temporary workarea and total thread size

- current and maximum number of threads and memory usage across threads

- the site-dependent area/system settings for the job.

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 Enter to perform the task:

```
+------------------------------------------------------------------+
|  17:31:58          Adabas Client Job Tasks          2012-10-25  |
|  Job name: DAEFCI18 number: C46891                              |
|                                                                  |
|  Select one task:                                               |
|  _ Snap                                                          |
|                                                                  |
|                                                                  |
|                                                                  |
|                                                                  |
|                                                                  |
|                                                                  |
|                                                                  |
|                                                                  |
|                                                                  |
|                                                                  |
|             PF3 - Exit     Enter - Perform task                 |
|                                                                  |
+------------------------------------------------------------------+
```

Jobs

This function is only available for clustered application services and lists the jobs which are currently active in that clustered application.

```
 17:10:03 ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 (I001) *****  2012-08-29
                      -  Adabas Client Service Jobs  -          C12140M1
 Run-mode: Daemon (node 10005)                Perspective: Daemon (node 10005)
 Service : IMS82TST                   Number
    Job Name     Job Num.       of commands     Area         System
    DAEFCI18     C34751             93,653
    DAEFCI23     C34749             56,475




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

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:

```
 17:23:36 ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 (I001) *****  2012-08-29
                    - Display Session Information  -         C12130M1
 Run-mode: Pulsing (node 2660)            Perspective: Daemon (node 2660)
 Service: None    Job: DA2FCI23 C34504   ID: CI23    Commands:       34,711
 Sessions: 3       Session size: 80K    Work size: 76K    Total: 199K
 Go to terminal: _____          Number
 C     Session id   Login id   of commands Area     System        Status
 _  TCM9    DA2FCI23 TEAM1          198                       running in Adabas
 _  TCN0    DA2FCI23 TEAM2        4,972                          at rest
 _  TCN1    DA2FCI23 TEAM3       23,489                          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                          JobID              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.
Number of commands	The number of Adabas commands issued by the session.
Area/System	The site-dependent settings for this 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 around ● the session status ● the job in which the session is active ● the transaction code used by the session ● the time since the session was last active.

Mark a session with one of the commands shown:

● T: perform tasks against the session

```
 +------------------------------------------------------------------+
 |  17:33:03              Client Session Tasks           2012-10-25  |
 |  Job name: DAEFCI18 Session ID: TCCN     DAEFCI18                 |
 |                                                                  |
 |  Select one task:                                                |
 |  _ Snap                                                          |
 |  _ Switch debug on/off                                          |
 |  _ Purge                                                        |
 |                                                                  |
 |                                                                  |
 |                                                                  |
 |                                                                  |
 |                                                                  |
 |                                                                  |
 |                                                                  |
 |             PF3 - Exit    Enter - Perform task                   |
 |                                                                  |
 +------------------------------------------------------------------+
```

Select the required task and press Enter 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:

```
 17:39:38 ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 (I001) *****  2012-08-29
 Job Name: DA2FCI23   - Display Session Information  -        C12136M1
 Run-mode: Pulsing (node 2660)                 Perspective: Daemon (node 2660)
 Session ID: TCN1    DA2FCI23 Hex: E3C3D5F100000000C4C1F2C6C3C9F2F3

                    Status: at rest
 Terminal name...............: TCN1      Network name................: DAEETCN1
 Login id....................: TEAM3     Task number.................: 280
 Activity pulses to WORKSHOP : 3367      Transaction code............: PRAD
 Latency writes..............: 120       Reads.......................: 119
 Thread information...Session: 7K        Workspace...................: 14K
 Area........................:           System......................:
 ADAMODE sessions:
 C  Adabas Session Identity          Hex
 _   CICSTCN1   00000000000000000000000000000000000000000C3C9C3E2E3C3D5F1




 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.
Area/System	The site-dependent settings for this session.

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:

```
+----------------------------------------------------------------+
| 17:34:40        Adabas Client Session Tasks      2012-10-25    |
| Job name: DAEFCI18 Session ID: TCCN    DAEFCI18               |
| Adabas session id: CICSTCCN Hex:                             |
| 00000000000000000000000000000000000000000C3C9C3E2E3C3C3D5    |
|                                                                |
| Select one task:                                             |
| _ Controls                                                    |
| _ Trace                                                       |
| _ Purge                                                       |
|                                                                |
|                                                                |
|                                                                |
|                                                                |
|                                                                |
|            PF3 - Exit    Enter - Perform task                 |
|                                                                |
+----------------------------------------------------------------+
```

Select the required task and press Enter 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
```

To display or modify controls for another product, press PF11 until the required product appears (refer to the appropriate product's documentation for descriptions regarding their client runtime controls).

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: 00000000000000000000000000000000000000C3C9C3E2E3C3F9F5      |
|                                                                       |
|                       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                           |
|                                                                       |
+-----------------------------------------------------------------------+
```

Marking an Adabas session identity with any other non-blank character displays information about this Adabas client:

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

● List Accessed Databases

```
 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

  Note:
  Selectable only when Adabas Transaction Manager is active.

  For more information refer to the *How to stop Adabas sessions* section in *Adabas Transaction Manager Online Services* documentation.

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 (refer to the *Activity display for client sessions* section in the appropriate product's documentation for descriptions regarding their session statistics).

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 by marking them with a "T" and a window will indicate the operations available.

Note:
Some tasks are only selectable when the appropriate product is installed. For example, tasks beginning with "TM:" are only available with Adabas Transaction Manager.

For Coordinator daemon nodes in the network:

```
+----------------------------------------------------------------------+
|  17:36:02                 Node Operations             2012-10-25     |
|  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    Enter - Perform task                      |
|                                                                      |
+----------------------------------------------------------------------+
```

Mark the required task and press Enter.

Field	Description
Set your perspective to this daemon	Display the network from the perspective of this daemon.
Trace activation control	Turn the daemon trace on or off.
Trace display	Display the daemon trace content.
TM: ET data management	For more information refer to the *ET Data Management* section in *Adabas Transaction Manager Online Services* documentation.
TM: Set TM distribution transaction timeout	For more information refer to the *How to dynamically change the TM distributed transaction timeout* section in *Adabas Transaction Manager Online Services* documentation.
TM: Stop inactive users (STOPI)	For more information refer to the *How to stop inactive Adabas sessions* section in *Adabas Transaction Manager Online Services* documentation.

For Adabas nodes in the network:

```
+------------------------------------------------------------------+
|  17:37:48              Node Operations              2012-10-25  |
|  Current target: 17075 NucID 17075 Type: Adabas                 |
|                                                                  |
|  Select one task:                                                |
|  _ Trace activation control (ON/OFF): ___                        |
|  _ Trace display                                                 |
|                                                                  |
|                                                                  |
|                                                                  |
|                                                                  |
|                                                                  |
|                                                                  |
|                                                                  |
|             PF3 - Exit    Enter - Perform task                   |
|                                                                  |
|                                                                  |
+------------------------------------------------------------------+
```

Mark the required task and press Enter.

Field	Description
Trace activation control	Turn the Adabas trace on or off.
Trace display	Display the Adabas trace content.

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.