Adabas System Coordinator online administration

This section describes the administrative functions relating to Adabas Transaction Manager that are found with Adabas System Coordinator.

- TM Distributed transaction timeout

- Stop inactive Adabas sessions

- Activity Displays

- Stop Adabas sessions

- Display/Start ET Data Management Activity

- TM controls maintenance

TM Distributed transaction timeout

You can use the *network discovery* function in System Coordinator administration to display/modify the transaction manager distributed transaction timeout. Use the tasks function against a System Coordinator daemon to see what can be performed as follows…

Display/Modify TM distributed transaction timeout

▶ **To display/modify the Transaction Manager distributed transaction timeout**

1. Use "T" on the row for the System Coordinator daemon where your transaction manager service is running to see the list of tasks allowed.

2. Select the "Set TM global transaction time limit" task and press PF5.

3. The following window will appear showing the current time limit:

```
10:30:49 Set TM Distributed Transaction Timeout 2011-03-03
 Current target: 1650   Type: System Coord

 Current distributed transaction timeout(secs): 720_____



            PF3 Exit     PF5 Set TMGTT
```

Modify the time limit by changing the value and pressing PF5.

Stop inactive Adabas sessions

You can use the *network discovery* function in System Coordinator administration to stop all sessions on a selected database that have been dormant for a specified number of seconds. Use the tasks function against a database to see what can be performed as follows…

Stop inactive sessions

▶ **To stop inactive sessions**

1. Use "T" on the row for the appropriate database to see the list of tasks allowed.

2. Mark the "Stop inactive users" task, specify the dormant period and press PF5.

Activity Displays

Current Activity Displays are now in System Coordinator. Refer to Activity Displays for more information.

Stop Adabas sessions

You can use the *current activity* function in System Coordinator administration to perform tasks against a selected session. First identify the session, and then use the PF10 "tasks" function off the session statistics display to see what tasks can be performed. One such task is the ability for administrators to automatically stop a selected session in all databases where that session is active. This is a large productivity gain because it avoids the administrator having to seek out manually those databases where this session is active.

▶ **To stop an Adabas session**

1. Use PF10 "Tasks" off the session statistics display to see the list of tasks allowed.

2. Mark the "Stop Adabas UQEs" task, and press ENTER.

Display/Start ET Data Management Activity

You can use the network discovery function in System Coordinator administration to display/start ET data management activity. Use the tasks function against a System Coordinator daemon to see what can be performed as follows…

▶ **To display/start ET data management activity**

1. Use "T" on the row for the System Coordinator daemon where your transaction manager service is running to see the list of tasks allowed.

2. Select the "ET data management" task and press PF5.

3. The following screen will appear:

```
11:28:39     ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****     2012-01-25
                     -  ET data management  -                      U1UTR0M2
Node ID: 20530
-- Recent ET data management activity ---------------  2011-10-23 12:15:01
   Status: Ended                          Result: Success
   From:  Adabas database 20532       To: Current TM
   ET data reads:           1178         Replace: Yes
         writes:            1178
-- Start ET data management activity ------------------------------------------
   From (choose one): _      Current TM (mark)
                     _____  Other TM node (prior release)
                     _____  Adabas database
   To (choose one):    _     Current TM (mark)
                     _____  Other TM node (prior release)
                     _____  Adabas database
   Replace (Y/N):      _



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

The most recent ET data management activity information is displayed as follows:

Field	Description
Status	The status of the most recent activity.
Result	The result of the most recent activity.
From	Identifies the source from which the ET data was read.
To	Identifies the target in which ET data was stored.
Replace	Indicates whether or not ET data in the target location was overwritten by ET data from the source location, if both locations contained data for the same ETID.
ET data reads	The count of ET data read from the source location.
ET data writes	The count of ET data stored at the target location.

4. Optionally, start a new activity by modifying the following fields and pressing PF5.

Field	Description
From	Identify the source from which the ET data is to be read.
To	Identify the target in which ET data will be stored.
Replace	Indicates whether or not ET data in the target location will be overwritten by ET data from the source location, if both locations contain data for the same ETID.

Note:
If you are upgrading from a prior release then the current release notes will indicate whether or not ET data migration is necessary. If this is the case then specify the following options to ensure your ET data is migrated from the old release to the new release:

- From: Define your old TM node id alongside 'Other TM node (prior release)'

- To: Mark 'Current TM'

- Replace: Y

TM controls maintenance

Use the Daemon Group Parameter option in the Maintenance menu of the System Coordinator online administration to maintain TM controls as follows…

▶ To maintain TM controls

1. Use "L" on the row for the appropriate System Coordinator group name to see the list of daemon members in which your transaction manager service is running.

2. Use "M" on the row for the daemon member in which your transaction manager service is running and for which you wish to maintain TM controls.

3. Use "PF11" to select the TM controls maintenance

```
12:50:36      ***** A D A B A S   SYSTEM COORDINATOR 8.2.2 *****      2012-02-27
              - Adabas Transaction Manager Daemon Parameters  -     C11261M1
 Run-mode: Pulsing (node 2650)
Group Name: WORKSHOP    Daemon: ICFDCOR5              Operating System: Multi
    SVC ID: 254         Node..: 2650

    Distributed transaction timeout(secs)..: 720_____   (1 to 16777215)
    Transaction recovery...................: NORMAL__   (Normal/Force/ForceALL)
    Enforce ADARUN DTP=RM..................: No_        (Yes/No)
    ET data storage location...............: RM         (TM/RM

    Open distributed transaction (system)..: NO         (Yes/No)
                            Concurrency..: 100        (10 to 32767)







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

For information on each of these parameters refer to TM Controls.

▶ To purge TM controls

- The TM controls will automatically be purged when its associated daemon member is purged.