

Adabas Online System

Troubleshooting Options

Version 7.4.4

September 2009

This document applies to Adabas Online System Version 7.4.4 and to all subsequent releases.

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

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1 Troubleshooting Options

This part of the documentation lists additional commands that can be used to display diagnostic information.

The Adabas Online System Troubleshooting Options documentation is organized in the following topics:

	Database Status Information
	Display Active Targets
	Force Database ABEND
	Stop a Utility

2 Database Status Information

Option "I" from the main menu or the direct command

```
DISPLAY ADAINFO
```

displays status information for a specified database:

```
13:07:18          ***** A D A B A S ONLINE SYSTEM *****          2005-11-25
                                     - Main Menu -                               PMAIN02

      Code  Basic Services                                Code  Other Serices
      +-----+-----+-----+-----+-----+-----+-----+-----+
      |          --- Database Status Info ---          | Cache Services
      | DBID ..... 105                                | Delta Save Facility
      | DB Name ..... RD-MPM105                       | Triggers Subsystem
      | Version ..... 7.1.2                            | AOS Security
      | Start Date .. 2005-11-25                       | Adabas Statistics
      | Start Time .. 13:07:02                         | -----
      | DSF Status .. Active                            |
      | SPT Status .. Active                            |
      | CSH Status .. Inactive                          |
      Code ..... +-----+-----+-----+-----+-----+
      Database ... 105          (RD-MPM105)

Command ==> di ad
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
```

Status information includes

- the database number and name

- the version of the Adabas software
- the date and time the database was started
- whether the Adabas Delta Save Facility, the Triggers and Stored Procedures Facility, and/or Adabas Caching Facility are active or inactive on the database.

3 Display Active Targets

From the main menu, the direct command

```
DISPLAY IDT
```

displays active targets for a specified database:

```
13:15:10          ***** A D A B A S  BASIC  SERVICES  *****          2005-11-25
                    -  Display Active Targets  -

CPU ..... 5203405496720000          Entries for SVC No. .. 107
Default-DB .. 105                    Max. No. Of Entries .. 30
                                       Max. Active Entries .. 8

  M I Tgt-ID I Target Flag      I Target Mode      I CQH Flag I
-----
  I  2010 I Communicator      I AB required      I   68  I
  I   98 I Isolated-DB         I                   I   10  I
  I  155 I Non-DB target        I Local service    I   21  I
  I 2048 I Non-DB target        I Local service    I   25  I
  I  105 I Isolated-DB         I                   I   10  I
  I   99 I Non-DB target        I Anchor service   I   22  I
  I  206 I Isolated-DB         I                   I   10  I
  I   51 I Isolated-DB         I                   I   10  I
  I      I                   I                   I

Mark a DB-entry with 'X' to Select for processing

PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help                Exit                Menu
```

where the Target Flag column may have the following values:

Communicator	Entire Net-Work node
Non-DB target	Entire System Server, XDCCOM, or Entire Net-Work node
Isolated-DB	ADARUN parameter ISO=YES is used for the database

and the Target Mode column may have the following values:

AB required	attached buffers are required
IDTE forced	ADARUN parameter FORCE=YES is used during initialization
Anchor service	no command queue; anchor target only; e.g., buffer pool manager
Local service	ADARUN parameter LOCAL=YES; no remote calls

4 Force Database ABEND

The direct command, CATCH RSP-CODE forces an abend of the specified database. The syntax of the command is:

```
CATCH RSP-CODE
```


5 Stop a Utility

Option "Q" from the main menu or the direct command

```
RESET UTILITY-ABEND
```

displays the following window for stopping a batch utility job and resetting the DIB:

```
13:22:02          ***** A D A B A S ONLINE SYSTEM *****          2005-11-25
                               - Main Menu -                               PMAIN02

      Code  Basic Services          Code  Other Services
      ----  -
      A     Session monitoring      1     Cache Services
      C     Checkpoint maintenance  2     Delta Save Facility
      F     File maintenance
      M     Database maintenance
      O     Session opercoms
      R     Database report
      S     Space calculation
      ?     Help
      .     Exit
      ----  -

      +-----+
      | Enter JOBNAME of Utility to |
      | reset DIB and to Stop the user. |
      |                               |
      | Jobname ... _____ |
      | Confirm ... _ (Y or N) |
      +-----+

Code ..... q
Database ... 105      (RD-105)

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help              Exit
```


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