

Operator Commands (Hub Mode Only)

Note: The commands described in this chapter are used only in hub mode.

The commands in this chapter are used to control Adabas Review (ADAREV) in hub mode. The operator commands perform the following general types of operations:

- Terminate an Adabas or user session;
- Display nucleus or utility information;
- Log commands into CLOG;
- Change Adabas operating parameters or conditions.

In this chapter, the commands are listed alphabetically.

- Entering Operator Commands
 - Operator Command Overview
-

Entering Operator Commands

The ADAREV operator commands are entered the same way as other Adabas operator commands.

To enter operator commands in z/OS environments:

- Use the OS MODIFY (F) command as shown below:

```
F jobname,command
```

Substitute the name specified by the EXEC job control statement (usually "ADARUN") for *jobname*.

Operator Command Overview

The remainder of the section describes the commands that an Adabas Review operator can enter from the console.

- ADAEND
- CANCEL
- DCLIENT
- DCQ
- DNC

- STARTCLIENT
- STOPCLIENT
- Adabas Operator Commands

ADAEND

Used to terminate an ADAREV session normally; the Review nucleus is terminated normally. No new monitoring commands are accepted and all currently queued requests are dropped.

CANCEL

Used to terminate ADAREV immediately; the Review nucleus is abnormally terminated and the job aborts with a user completion code of 253.

DCLIENT

```
DCLIENT = { dbid | ALL }
```

Displays information on the specified client or "ALL" clients. The DCLIENT displays the number of clients currently registered with the Review hub plus the individual status of each client, including the client's DBID, time of last activity, whether the client has any active reports and if buffers are required from the client, the number of reports (and of these, how many reports require buffer information), and the total number of monitoring data records received from the client. The following is an example of the message output:

```
REXH13 hubid  001 CLIENT(S)      LAST-ACT RPT BUF PRS WBUF LOG-RECORDS
REXH13 hubid   96           03:22:48  Y           N  003  000  10,323
```

DCQ

Used to display the entire list of queued requests. The DCQ displays the sequence number, client's job name, client's user ID, request code, and status flags for each queued request.

Note:

If a large value was set for NC (as is recommended), the DCQ request may incur delays in the Review hub processing if a large number of queue elements must be displayed. Also, the display on the operator console may fill the console's buffers causing further system delays.

The following is an example of the message output:

```
AREV07 hubid  0000000013 NEXT EXPECTED SEQUENCE NUMBER
AREV07 hubid  0000000011 ADASMP   ARVU D   (C1D9E5E400C40000)  PC 2800
AREV07 hubid  0000000012 ADASMP   ARVU D   (C1D9E5E400C40000)  PC 2800
```

DNC

Used to display the number of queued requests currently in the command queue.

STARTCLIENT

```
STARTCLIENT = { dbid | ALL }
```

Used to initiate a change order command to the specified client or "ALL" clients informing the client(s) to begin sending monitoring data to the Review hub. The change order is only sent to registered clients (clients that appear on the DCLIENT operator command display).

Note:

A change order changes a client's operation only if the monitoring status has been changed. This occurs only in cases where a previous STOPCLIENT operator command had been issued.

STOPCLIENT

```
STOPCLIENT = { dbid | ALL }
```

Initiate a change order command to the specified client or "ALL" clients informing the client(s) to stop sending monitoring data. The change order is only sent to registered clients (clients that appear on the DCLIENT operator command display).

Adabas Operator Commands

The following operator commands can be entered to monitor and control Adabas nucleus operation.

- ADAEND
- CANCEL

ADAEND

Terminate the Adabas session normally. No new users are accepted after this command has been issued. ET logic updating is continued until the end of the current logical transaction for each user. After all activity has been completed as described above, the Adabas session is terminated.

CANCEL

Terminate the Adabas session immediately. All command processing is immediately suspended. A pending autorestart is in effect, which in turn causes the autorestart routine to be executed during the initialization of the next Adabas session.