

ADAI* - ADAIOR System Messages

Note:

Although not considered console messages, those preceded by an asterisk (*) are also displayed on the system console.

Overview of Messages

| | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|
| ADAI01 | ADAI02 | ADAI03 | ADAI04 | ADAI20 | ADAI21 | ADAI22 | ADAI23 |
| ADAI24 | ADAI26 | ADAI27 | ADAI29 | ADAI30 | ADAI31 | ADAI32 | ADAI51 |
| ADAI53 | ADAI54 | ADAI55 | ADAI56 | ADAI57 | ADAI59 | ADAI60 | ADAI62 |
| ADAI63 | ADAI64 | ADAI65 | ADAI66 | ADAI67 | ADAI68 | ADAI69 | ADAI71 |

ADAI01 *data set count {READS | WRITES}*

Explanation The first form of the message is written when a sequential input data set is closed; the second form is written when a sequential output data set is closed.

ADAI02 *GETMAIN stor-req (source)*
GETMAIN stor-req stor-avail (source)

Explanation The first form of the message is written whenever memory is dynamically acquired and the requested memory is available.

The second form of the message is written whenever memory is dynamically acquired and less than the requested memory is available.

In the messages, *stor-req* is the amount of memory requested, *stor-avail* is the amount of memory available, and *source* (printed only under z/VSE) is the source of the memory (GETVIS, COMREG, ADABUF).

ADAI03 *{ data set | physical-file-name } countr reads countw writes*

Explanation A direct access data set is closed. The *physical-file-name* indicates that the file was opened using dynamic allocation.

ADAI04 *count errs count errs*

Explanation The message is written immediately following message ADAI03 when a direct access data set for which there had been read and/or write errors is closed.

ADAI20 *dbid dataset physical-file-name DD: link-name*

Explanation An I/O error occurred on a file opened using dynamic allocation. This message appears immediately after the ADAI21 message.

ADAI21 *dbid* IO error DD *link-name* DSN *file-name* RABN *bad-rabn*(*start-rabn*) *oper* from *start-num* Num *num-rabn* IOBA *ioba* CCWA *ccwa* CC *ccbs* CSW *csw* SNS *sns* SYS *lu* ADDR *ccw-addr* CMD *ccw-cmd* IDA *ida-data* DATA *ccw-data*

Explanation IBM platforms only. This message occurs when a disk I/O error is reported back to ADAIOR by the operating system.

The first 3 lines of the message are sent to the console and DDPRINT. Subsequent lines are sent to DDPRINT only.

The message variables and their meanings are:

| Variable | Description |
|-------------------|---|
| <i>dbid</i> | Database ID |
| <i>link-name</i> | The DD name (z/OS) or DLBL name (VSE) of the data set (z/OS). |
| <i>file-name</i> | The physical file name of the data set. |
| <i>bad-rabn</i> | The actual failing RABN. |
| <i>start-rabn</i> | The start RABN of the failing I/O operation. |
| <i>oper</i> | The type of operation being performed when the failure occurred as follows (in hex): x'80' Read x'40' Write x'20' Format x'10' Read/write to end of track x'08' No write if read-only nucleus |
| <i>start-num</i> | The start RABN for this part of the failing I/O operation. |
| <i>num-rabn</i> | The number of RABNs for this part of the failing I/O operation. |
| <i>ioba</i> | I/O control block address for failing I/O. |
| <i>ccwa</i> | CCW address of failing I/O. |
| <i>ccbs</i> | Communications bytes from the communications control block. |
| <i>csw</i> | Channel status from the channel status word (CSW). |
| <i>sns</i> | Additional sense byte data. |
| <i>lu</i> | The logical unit where the failure occurred (z/VSE only). |
| <i>ccw-addr</i> | The CCW address. |
| <i>ccw-cmd</i> | The CCW data. |
| <i>ida-data</i> | Indirect access address of CCW data. |
| <i>ccw-data</i> | Up to 16 bytes of data pointed to by the CCW. |

For more information on CCW, CSW and sense data, please refer to the relevant IBM publication.

Action Use the information provided by the message to locate a possible hardware failure. Keep the information and any dumps for later use.

If no hardware failure occurred, please contact your Software AG technical support representative.

ADAI22 ADAIOR Trace table: --> is current entry

Explanation The ADAIOR trace table has been activated and printed.

ADAI23 *dbid job-name abend code code*

Explanation z/VSE and BS2000 systems only. ADAIOR is asked to abend a job. A dump is normally also provided. The message values are:

| | |
|----------|---|
| dbid | database ID |
| code | the abend code (refer to the abend code descriptions in chapter 4). |
| job-name | the z/VSE job name or BS2000 program name. |

ADAI24 *dbid Ready for operator communication*

Explanation SYSLOG displays this message once operator communications has been requested by the operator with the z/VSE MSG command. The value *dbid* is the database ID.

Action Enter a valid Adabas command.

ADAI26 *dbid job-name completion code code*

Explanation BS2000 systems: This message displays the normal termination return code. If a nonzero abend code is displayed, the BS2000 program task switch 10 is set on.

z/VSE systems: The end-of-job (EOJ) "RC=(RX)" sets the return code for the operating system. The message provides the database ID (dbid), job name, and return code.

Action BS2000 systems: If job variables are installed, the abend code is passed to the controlling job variable. A job variable assigned with link "*ADA" is set with the following information:

program name (8 bytes) completion code (4 bytes) error number (5 bytes) Adabas response code (5 bytes)

z/VSE systems: For a nonzero abend code, refer to the description in chapter 4. If the DUMP option was specified, refer to the resulting dump, if needed, to determine the cause of the abend. The job step is terminated.

ADAI27 ***dbid* Timer interval exceeds maximum allowed
dbid Reset to maximum**

Explanation A timer request was issued that exceeds the maximum allowed by the operating system.

Action Reset the interval to the maximum allowed by your operating system.

ADAI29 **Oper cmd: *command***

Explanation z/OS, z/VSE, and BS2000 systems only: This message occurs in SYSLST as part of the session statistics during Adabas session termination. The value *command* is the operator command last entered from SYSLOG.

ADAI30 ***file-name number* tracks formatted**

Explanation ADAIOR has completed formatting for a direct-access file.

ADAI31 ***dbid* Opening tape file *file-name* SYS*nnn*=*cuu***

Explanation This SYSLOG message means that a tape file was opened. Meanings of the message fields are:

| | |
|------------------|--|
| <i>dbid</i> | Adabas database |
| <i>file-name</i> | filename of the input/output file opened |
| <i>nnn</i> | z/VSE logical unit ID |
| <i>cuu</i> | physical address of the selected drive |

ADAI32 ***dbid* Internal error - function *func-name* error *error***

Explanation An internal error has occurred.

Action Make a note of all recent messages, and contact your Adabas support representative.

ADAI51 *dbid* Adabas PAM BS2000 I/O error *err-num* in file *file-name*
RABN=error-rabn (start-rabn) OP=op-code ST=fecb

Explanation BS2000 systems only: A PAM I/O error occurred on DASD file *file-name*. *err-num* is the ID1ECB contents from the BS2000 FCB. *error-rabn* is the RABN where the error occurred, and *start-rabn* the RABN where the operation began. *op-code* comprises one or more of the following operation code values:

| | |
|-------|---------------------------------------|
| X'80' | READ read operation |
| X'40' | WRITE write operation |
| X'20' | FORMAT format operation |
| X'10' | ENDOFTRK read or write to track end |
| X'08' | RENOWRT no write if read-only nucleus |

fecb is the FECB block status used for the I/O error, and comprises the SENSE, GERAETE (device), ABM and NPA fields. For more information, refer to the publication BS2000 DVS Disk Preparation .

ADAI53 *dbid* Adabas BS2000 I/O error *err-num* in file *file-name*

Explanation BS2000 systems only: This is the first part of an I/O error message. The message is followed by message ADAI54. The *err-num* is a BS2000 error code. The *file-name* shows the link name for the failed data set.

Action Use the "err-num" as an argument for the HELP command to get information about the failing function.

ADAI54 *dbid* Exit=*value*, status=*fcb-status*

Explanation BS2000 systems only: The *value* is the error exit byte of the BS2000 FCB.

fcb-status is a six-byte status containing the following:

| | |
|------------|------------------------------|
| byte 0: | device byte |
| bytes 1-3: | sense bytes 1-3 |
| byte 4: | executive flag byte |
| byte 5: | count of processed PAM pages |

ADAI55 *dbid* SOLSIG error R15=*ret-code*, post-code=*post-code*

Explanation BS2000 systems only: The system received an invalid return *ret-code* or *post-code* when issuing a SOLSIG "WAIT" supervisor call (SVC). *dbid* is the database ID.

ADAI56 *dbid Unexpected RC ret-code from macro*

Explanation BS2000 systems only: The data set assigned to SYSDTA is either a non-SAM/V data set, or it contains records longer than 80 bytes. The value *macro* is RDATA.

ADAI57 *dbid Unable to load ADAIOS*

Explanation An attempt to load ADAIOS failed. Check your LOADLIB and your partition sizes; either the partition is too small or the ADAIOS member is missing from the LOADLIB.

ADAI59 *dbid Terminated with condition code code*

Explanation This is a termination message issued by ADAIOR when a controlled end is reached. The code specifies a weighted termination condition. Return code "0" indicates a normal end. For more information about abend codes, review your other Adabas abend code documentation.

ADAI60 *dbid PLOGMIR parameter ignored*
dbid PLOG mirroring no longer supported

Explanation The ADARUN parameter PLOGMIR is set to YES or RAP. This parameter setting is ignored as PLOG mirroring is no longer supported.

ADAI62 *dbid Allocation error - type x retcode ret-code*
dbid subcode subcode dataset physical-file-name

Explanation An attempt to allocate a file dynamically failed. *x* indicates the request type: A (allocation); D (deallocation); or I (information retrieval). The *ret-code* and *subcode* display the error code returned from the operating system.

Action Interpret the error code for your system and respond accordingly.

ADAI63 *dbid Dataset physical-file-name is being opened*
dbid In mode mode - RABN size rabn-size

Explanation The data set specified is being opened using dynamic allocation in *mode*:

| | |
|-----------|--|
| CKD ECKD | the file resides on a storage control device that supports count key data (CKD) or extended count key data (ECKD) channel commands. ADAIOR generates channel programs accordingly. |
| VSAM PAGE | (z/OS systems) the file is a VSAM relative record (RRDS) or linear (PAGE) data set. |

ADAI64 *dbid File file-name is being opened in mode mode - RABN size rabn-size***Explanation** The file specified is being opened in *mode*:

| | |
|--------------|--|
| CKD ECKD | the file resides on a storage control device that supports count key data (CKD) or extended count key data (ECKD) channel commands. ADAIOR generates channel programs accordingly. |
| VSAM PAGE | (z/OS systems) the file is a VSAM relative record (RRDS) or linear (PAGE) data set. |

ADAI65 *dbid EXCPVR is [NOT] being used for this run [in ESA64 mode]***Explanation** z/OS systems only: If ADAIOR is loaded from an APF-authorized library concatenation, and ADARUN is linked with the SETCODE AC(1) statement, ADAIOR then performs the channel program translation/page fixing. If "NOT" appears in the message, ADAIOR will not perform channel program translation and page-fixing to improve the performance of I/O operations.

If EXCPVR is in use, and the operating system and processor support the allocation of real storage above the 2 gigabyte line, "in ESA64 mode" appears in the message.

Action None required. This message is for your information only. If the message says that EXCPVR is not being used, but you have set up ADAIOR in an APF-authorized library and linked ADARUN with SETCODE AC(1) to use EXCPVR, refer to the Adabas Installation documentation for more information.**ADAI66** *dbid ADAIO2 error-code message***Explanation** The *error-code* is the Fujitsu Technology Solutions macro return code. The *message* is one of the following produced by the database main task while attempting to start a subtask:

```

ENABLING SUBTASK COM MEMORY
ENABLING CONTINGENCY
ENABLING WAIT
ENTERING JOB
GET PARAMETER MEMORY
GET SUBMIT FILE
OPENING SUBMIT FILE
SET FILE LINK
STXIT CALL ERROR

```

All errors are caused by system resource problems.

Action Contact your Software AG technical support representative.

ADAI67 *dbid ADAI2S error-code message*

Explanation The *error-code* is the Fujitsu Technology Solutions macro return code. The *message* is one of the following produced while attempting to start a subtask in the subtask startup module:

NO MOTHER TASK COMMON MEMORY

The memory pool containing data from the mother task is not accessible. The mother task has timed out or terminated.

NO ENABLE TO MOTHER'S EVENT

Mother task-to-subtask communication cannot be established. The mother task has probably terminated.

CANNOT SHARE MOTHER'S LOW MEMORY

The subtask parameter address area cannot be accessed.

CANNOT LOAD SUBTASK *subtask-name*

An error occurred while loading the subtask. Check the DDLIB and BLSLIBnn link names for libraries containing "*subtask-name*".

CANNOT POST MOTHER PROGRAM

Communication with the mother task is no longer possible. The mother task has probably terminated.

STXIT DEFINITION ERROR

A system error occurred while establishing the ESTAE(STXIT) exit for the subtask. Check the system resources.

ADAI68 *dbid ADAIO2 message*

Explanation The *message* providing information about BS2000 subtasks is one of the following:

DISABLING SUBROUTINE *subtask-number* *subtask-startname*

The subtask with the number and startup name specified is being disabled.

SUBTASK POSTED RC: *return-code*

The subtask posted the specified return code.

ADAI68 *dbid file-number VSAM file error - reason*

Explanation z/OS only: An error occurred attempting to open the VSAM file identified by *file-number*.

Action All of the following reasons terminate the job with user abend 619.

UNABLE TO LOAD INFO ROUTINE
 ERROR RETURNED FROM INFO ROUTINE
 INVALID INPUT TO SUBROUTINE

Contact your Software AG technical support representative.

INVALID FILE TYPE (NOT RRDS OR LINEAR)

Redefine the VSAM file as either a relative record or linear data set.

EXTENTS NOT ON SAME DEVICE TYPE

Redefine all extents of the file on the same device type.

ADAI69 **ADALNK is running in *mode* mode**

Explanation BS2000 only: ADALNK writes this message to tell you the mode it thinks it is running in where *mode* is one of the following:

| | |
|-------------|---|
| BATCH/TIAM | batch or Fujitsu Technology Solutions as carrier |
| UTM/3GL/AMS | on UTM with an Assembler or 3rd generation language such as COBOL, C, FORTRAN, etc. |
| UTM/NATURAL | on UTM running Natural |

Note:

To suppress this message, set the B2CONFIG parameter in SSFB2C: LNKMSG=NO

Action: No action is required for this informational message, although you can use this message for diagnosing errors.

ADAI71 **Error *nn* writing console message type *x* length *nnnn***

Explanation An error has occurred processing a request to write a message to the console.

Action: Contact your Software AG technical support representative for assistance.