

ADAIInn 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
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ADAI01 **dataset count READS ADAI01 dataset count WRITES**

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

ADAI02 **GETMAIN stor-req (source) ADAI02 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 VSE) is the source of the memory (GETVIS, COMREG, ADABUF).

ADAI03 **{ dataset | physical-file-name } countr READS countw WRITES**

Explanation: A direct access dataset is closed. '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 dataset 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 ERR [mn] RABN bad-rabn (start-rabn) OP oper ADAI21 dbid { CB | CC
} ccbs CSW csw SNS dlu

Explanation: IBM platforms only. This message occurs on SYSLOG when ADAIOR finds a disk I/O error. The variables and their meanings are:

Variable	Description																		
dbid	database ID (not provided in VSE/ESA environments)																		
m	(optional) one of the following file types: <table border="0"> <tr> <td>A</td> <td>Associator</td> </tr> <tr> <td>C</td> <td>Command log</td> </tr> <tr> <td>D</td> <td>Data Storage</td> </tr> <tr> <td>I</td> <td>DSIM</td> </tr> <tr> <td>P</td> <td>Protection log</td> </tr> <tr> <td>R</td> <td>Recovery log</td> </tr> <tr> <td>S</td> <td>Sort</td> </tr> <tr> <td>T</td> <td>Temp</td> </tr> <tr> <td>W</td> <td>Work</td> </tr> </table>	A	Associator	C	Command log	D	Data Storage	I	DSIM	P	Protection log	R	Recovery log	S	Sort	T	Temp	W	Work
A	Associator																		
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P	Protection log																		
R	Recovery log																		
S	Sort																		
T	Temp																		
W	Work																		
	For files that are opened using dynamic allocation, the file type is blank. Use the ADAI20 message to determine the file on which the I/O error occurred.																		
n	(optional) sequence number of file type; for example 1 for ASSOR1, DATAR1, CLOGR1, PLOGR1, ..., RLOGR1																		
bad-rabn	the actual failing RABN																		
start-rabn	the starting RABN of the failing I/O operation																		
oper	the type of operation being performed when the failure occurred as follows (in hex): <table border="0"> <tr> <td>x'80'</td> <td>read</td> </tr> <tr> <td>x'40'</td> <td>write</td> </tr> <tr> <td>x'20'</td> <td>format</td> </tr> <tr> <td>x'10'</td> <td>read/write to end of track</td> </tr> <tr> <td>x'08'</td> <td>no write if read-only nucleus</td> </tr> </table>	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								
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x'08'	no write if read-only nucleus																		
ccbs	communications bytes from the communications control block																		
csw	channel status from the channel status word (CSW). If zero (0), the error was a physical check																		
dlu	the VSE/ESA logical unit where the failure occurred																		

On OS/390 or z/OS, if an I/O error occurs on a VSAM dataset, the CSW and SNS data is replaced by RPL feedback information.

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

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: VSE/ESA 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 VSE/ESA 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 VSE/ESA "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.

VSE/ESA 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)

VSE/ESA 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

ADAI27 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: OS/390, z/OS, VSE/ESA, 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 SYSnnn=cuu

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

dbid	Adabas database
file-name	filename of the input/output file opened
nnn	VSE/ESA logical unit ID
cuu	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.

ADAI40 dbid CP-OPERATOR WAS REQUESTED TO MOUNT VOLUME vol-number ON VIRT. UNIT unit-number

Explanation: VM/ESA systems: The virtual machine running Adabas database "dbid" has issued a request to mount tape "vol-number" on your virtual machine's unit "unit-number".

ADAI41 dbid MOUNT REQUIRED FOR VOLUME vol-number ON UNIT cuu AND ATTACH TO VADDR address

Explanation: VM/ESA systems: The virtual machine running an Adabas database or utility has issued a request to mount tape "vol-number" on physical unit "unit-number" and ATTACH the unit at address "address". This message is sent to the CP operator.

Action: ATTACH the tape unit, if necessary, then mount the requested tape volume.

ADAI42 dbid VOLUME vol-number FOR FILE file-name MOUNTED ON VIRT. UNIT addr compression

Explanation: VM/ESA systems: The requested tape mount of "vol-number" and file "file-name" on the virtual tape unit "addr" has been completed. If "(IDRC)" appears at the end of the message instead of "compression", the file is on a tape cassette with the IDRC feature active.

Action: None required. This message is for your information only. If the "IDRC" ending appears and the IDRC feature is not supported by the cassette unit, a later I/O error will occur.

ADAI43 dbid REQUESTED DSN FOR FILE file-name NOT ON VOLUME vol-number

Explanation: VM/ESA systems: The dataset name (DSN) for file "file-name" could not be found on the tape volume "vol-number". The DSN is specified on the DATADEF statement.

Action: Verify and correct the DATADEF statement, ensure that the correct tape volume was mounted.

ADAI44 dbid BLOCK COUNT ON EOVS OR EOF FOR FILE file-name NOT EQUAL TO I/O COUNT

Explanation: VM/ESA systems: The number of blocks read from tape does not match the block count in the end-of-file record. This is an internal error.

Action: Make a note of all related error information (message number and contents, plus any other related information), and advise your system support personnel. If necessary, contact your Software AG support representative.

ADAI45 dbid I/O ERROR DURING TAPE HANDLING FOR FILE file-name VOLUME vol-number

Explanation: VM/ESA systems: A recurring I/O error occurred during the mount or label processing for tape file "file-name" on volume "vol-number".

Action: Make a note of all related error information (message number and contents, plus any other related information), and advise your system support personnel. If necessary, contact your Software AG support representative.

ADAI46 dbid NO VIRTUAL CONSOLE

Explanation: VM/ESA systems: The DATADEF statement specified a virtual console as UNIT, but no virtual console exists.

Action: Correct the DATADEF statement, then rerun the job.

ADAI47 dbid OUTPUT TAPE FILE PROTECTED FOR FILE file-name VOLUME vol-number

Explanation: VM/ESA systems: The tape mounted as an output tape has no file protect/write ring.

Action: Remove the mounted tape, install the file protect ring, then remount the tape.

ADAI48 dbid NO VALID VOLUME RECORD FOUND ON TAPE FOR FILE file-name

Explanation: VM/ESA systems: The requested tape mounted for file "file-name" has not been initialized properly. Either there were no records found on the tape, or the first record was not a VOL1 record. The tape will be unloaded and the operator prompted to mount a another tape.

Action: Initialize the tape using the CMS TAPE WVOL1 command.

ADAI49 dbid io-count DIAGNOSE I/OS PERFORMED FOR FILE file-name

Explanation: VM/ESA systems: Temporary I/O errors for the direct access file "file-name" occurred. The value "io-count" is the number of successful retries.

ADAI50 dbid SEQUENTIAL BUFFER ALLOCATION FAILED FOR FILE file-name

Explanation: VM/ESA systems: I/O buffers for the sequential file "file-name" could not be allocated because of a shortage of virtual storage in the virtual machine. The utility stops operation and issues a sequential open error.

Action: Increase the storage size of the virtual machine in the CP directory, and then log the machine on again. If a BUFNO parameter was specified in a DATADEF statement, increase that value.

ADAI51 dbid ADABAS PAM BS2000 I/O ERROR err-num IN FILE file-name**ADAI51 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=IDIXITB, STATUS=fcb-status

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

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 other abend codes, see chapter 4.

ADAI60 dbid PLOGMIR PARAMETER IGNORED - ADAI60 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 ADAI62 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 RETCODE 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 ADAI63 dbid IN mode MODE - RABN SIZE rabn-size

Explanation: The dataset 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 or OS/390 systems) the file is a VSAM relative record (RRDS) or linear (PAGE) dataset.

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 or OS/390 systems) the file is a VSAM relative record (RRDS) or linear (PAGE) dataset.

ADAI65 dbid EXCPVR IS { BEING | NOT BEING } USED FOR THIS RUN [IN ESA64 MODE]

Explanation: z/OS, OS/390, z/VM, and VM/ESA 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 Siemens 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 Siemens macro return code. The "message" is one of the following produced while attempting to start a subtask in the subtask start-up 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 start-up 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: OS/390 and 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 dataset.

EXTENTS NOT ON SAME DEVICE TYPE

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

ADAI69 ADALNK IS RUNNING IN type MODE

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

BATCH/TIAM	batch or TIAM 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: Use for diagnosing errors.