

## **Adabas Vista**

### **Adabas Vista Messages and Codes**

Version 7.4.2

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This document applies to Adabas Vista Version 7.4.2 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 Adabas Vista Messages and Codes

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This document describes the messages and response codes which may be encountered during Adabas Vista execution.

- **Adabas Vista Messages**

- **Response Codes**



# 2 Adabas Vista Messages

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This section describes the messages that may be displayed on the operator console during Adabas Vista execution.

## Messages Related to Adabas Vista Processing (AVI-xxxx-xx)

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Adabas Vista messages related to client processing have the following format:

AVI-*nnnn*-*ss* Message Text

where *nnnn* is the message number and *ss* is a hexadecimal severity code:

Severity Code	Explanation
00	Software AG use
04	Information only
10	Warnings

### AVI-0013-04 Config File is now available

**Explanation** This message is issued after an AVI-0013-10 message when Adabas Vista detects that the configuration file has become available again.

**Action** None. This message is for information only.

### AVI-0013-10 One or more users were unable to access Config File

**Explanation** The Adabas Vista configuration file is not currently available. One or more users have been allowed to continue processing although the partitioning and translation capabilities of Adabas Vista are not available to the user(s) until the configuration file becomes available and the user(s) have subsequently logged off and on again.

**Action** Check the availability of the Adabas Vista configuration file.

### AVI-0014-04 Default Job Parameters in use: ...

**Explanation** Default job parameters are in operation for this job because either

- no job parameters are defined for this job in the configuration file; or
- the configuration file is not available (preceded by an AVI-0015 message).

**Action** Check that the database and file number of the configuration file are correct and that the file is available.



**AVI-0015-10 Initialization error - Config File not available**

**Explanation** The Adabas Vista configuration file is not available to detect the presence of job parameters for the current job. This message is followed by an AVI-0014 message.

**Action** Check the availability of the Adabas Vista configuration file.

**AVI-0016-10 Invalid Profile ID specified, xxxxxxxx**

**Explanation** A user-supplied Profile ID has not been defined to any translation rule or partition definition and the job parameter `Profile ID` validation is set to YES.

**Action** Check the Profile ID and defined translation rules and partition definitions for compatibility.

**AVI-0017-10 Config File Error (DdbidFfnr); Rspnnnnn Srspssss**

**Explanation** An Adabas response code was returned when accessing the Adabas Vista configuration file. The returned response code and subcode are indicated in the message.

**Action** Ensure that the correct configuration file database and file number are being used. Refer to the *Adabas Messages and Codes* documentation for an explanation of the response code.

**AVI-0018-10 Internal error (DdbidFfnr); Rsp00249 Srspssss**

**Explanation** An Adabas Vista processing error occurred and the job parameter `Error Reporting WTO` option is set to YES. The Database ID and File Number provided indicate the source of the error. The response code 249 may be different depending on the value provided for the job parameter `Error Response Code`. The subcode of the response code is also provided.

**Action** For information about the subcode provided, see the section [Subcodes](#).

**AVI-0019-10 Adabas Rspnnnnn Srspssss Srce: DdbidFfnr CC Targ: DdbidFfnr CC**

**Explanation** An Adabas response code was returned and the `Error Reporting` job parameter's `WTO` option is set to YES. The response code and subcode are displayed. The `Srce` (application) database number, file number, command code and the `Targ` (resulting) database number, file number, command code are also displayed.

**Action** This (optional) message is provided to warn of potential Adabas issues.

**AVI-0020-04 Jobname: aaaaaaaa Comm-ID: hhhhhhhhhhhhhhhh (aaaaaaa) Prof-ID: aaaaaaaa Target Category: aaaaaaaa**

**Explanation** After an Adabas Vista console message has been issued, this message is used to help identify the user responsible.

**Action** None. This message is for information only.

## Messages Related to Adabas Vista Database Processing (AVInnn dddd)

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Messages related to Adabas Vista database processing may be displayed on the operator console during an Adabas nucleus session. These messages have the format:

*AVInnn dddd* Message Text

where *nnn* is the message number and *dddd* is the Adabas database number.

**AVI001      dddd Vista Database Process; Enabled**

**Explanation** The Adabas Vista database process has been installed and initialized on this database.

**Action**        None. This message is for information only.

**AVI002      dddd Vista Database Process; Getmain Error - nnnnnnnn bytes**

**Explanation** The Adabas Vista database process has not been able to initialize due to insufficient memory.

**Action**        Increase available memory by at least the amount indicated in the message.

**AVI005      dddd Vista Database Process; Disabled**

**Explanation** The Adabas Vista database process has been disabled.

**Action**        Refer to a previous console message for the reason.

# 3 Response Codes

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This section describes the response codes which may be encountered during Adabas Vista processing.

Response codes not mentioned here are returned to the user unchanged. Information regarding these response codes can be found in the *Adabas Messages and Codes* documentation.

Adabas Vista makes extensive use of the subcode field in the Adabas control block. For information about extracting this subcode, refer to section Error Handling.

## Response Codes

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### Response 9 Subcode 249 (default job parameter value)

**Explanation** The user was timed out for one of the following reasons:

- The user was notified of an Adabas response code 9 timeout against one source database and existing partitioned file definitions determine that the user is timed out of the current, different source database as well. The original Adabas response code 9 is returned in the first two bytes of the Additions 2 field.
- The user was timed out by Adabas Vista.

**Action** Review the Adabas timeout values and the Adabas Vista job parameter `User Non-Activity Time Limit`.

### Response 17 Subcode 249 (default job parameter value)

**Explanation** Unable to read the FDT of the partitioned file. None of the partitions were available/online and at least one of the partitions had the file parameter `Critical` set to YES. To access a partitioned file, at least one of the partitions must be available/online.

**Action** Ensure at least one of the file partitions is available/online.

### Response 249 Subcode 1 to 255

**Explanation** Adabas Vista uses a default Adabas response code of 249 for all processing errors. This response code can be changed by using the Job Parameter function of Adabas Vista Online Services.

**Action** Refer to the section [Subcodes](#) for the explanation of the subcode. If the subcode is not mentioned, contact Software AG technical support.

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## Subcodes

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### Subcode 1

**Explanation** The partitioned file concurrency limit has been reached.

**Action** Increase the partitioned file concurrency limit using the File Partitioning function of Adabas Vista Online Services.

### Subcode 6

**Explanation** The job parameter `Enable Multiple Updates` is set to `NO`. After updating one database, the user attempted to update a second database in the same transaction.

**Action** Review the job parameter `Enable Multiple Updates` in the Job Parameter function of Adabas Vista Online Services.

### Subcode 10

**Explanation** One of the following errors was detected in the Adabas search buffer while processing a partitioned file:

- the specified field is not in the Adabas FDT.
- an S or N operator is used incorrectly.
- a superdescriptor with a variable-length parent field is not allowed.
- coupled file syntax is not allowed.
- the value1 operator (EQ, GE, GT, etc.) is unknown.
- a connecting operator (D, O, R, etc.) is unknown.
- a command ID enclosed in parentheses is not allowed
- a memory request failed.

**Action** Review and correct the application program.

### Subcode 14

**Explanation** One of the following errors was detected in the Adabas format or record buffer while processing a update/store for a partitioned file:

- The partitioning field specified in the format buffer could not be located in the Adabas FDT (N1 and N2).
- An Adabas field specified in the format buffer could not be located in the Adabas FDT (N1, N2 and A1).
- The partitioning field value specified in the record buffer is inconsistent with the defined partitioning criteria for the file (N1 and N2).

- The partitioning field value specified in the record buffer is inconsistent with the partition criteria defined to the partition identified by the ISN in the Adabas control block (N2 only).
- The partitioning field value specified in the record buffer is null and the `Store Control Option` is set to 2 (N1 only).
- The partitioning field/value has not been specified and no target partition has been identified (N1 and N2).

**Action** Review application program and partitioning criteria.

#### **Subcode 15**

**Explanation** The partitioning field value specified in the record buffer of the A1 command is inconsistent with the partition criteria defined to the partition identified by the ISN in the Adabas control block.

Such an update requires the relocation of the ISN to another partition, which is not allowed.

**Action** Review the application program. Use a delete and store as an alternative.

#### **Subcode 16**

**Explanation** An ISN has been detected that is invalid for one of the following reasons:

- The partition identifier extracted from the Adabas Vista ISN is not consistent with any partition defined to the partitioned file.
- The Adabas ISN read from a partition is greater than the TOPISN value defined for the partition.
- An attempt to store a record has resulted in an Adabas ISN greater than the TOPISN value defined for the partition.

**Action** Review the application program and check TOPISN setting.

#### **Subcode 21**

**Explanation** One of the following errors occurred while processing Distributed Lock Mode (DLM) against a partitioned file:

- Prefetch/multifetch options on a distributed access L6 command are not allowed for DLM options 2 and 3.
- DLM option 4 is specified and a distributed access S4 or L6 command was issued.
- DLM option 3 is specified and the distributed access data integrity check failed.

**Action** Review the application and use of the DLM option.

**Subcode 25**

**Explanation** One of the following unsupported commands has been issued:

- an S5 command (partitioned files only)
- a C5 command
- a BT command with Command Option 2 set to F
- an L1 command with Command Option 1 or 2 set to F

**Action** Review application program.

**Subcode 28**

**Explanation** An update command has been issued to a partitioned file; however, the target partition does not have the option ACCESS=FULL.

**Action** Review application program and partition ACCESS options.

**Subcode 39**

**Explanation** An L1 (get next) command was issued but the supplied command ID is not currently active.

**Action** Review application program.

**Subcode 50**

**Explanation** An A1 command was issued without the H option and the DLM option is set to 1. However, the ISN to be updated has not been previously read by a hold command.

**Action** Review application program and use of DLM option.

**Subcode 52**

**Explanation** The file parameter Enable ISN Positioning is set to NO and one of the following commands was issued:

- L1 with Command Option 2 set to I
- L2/5 with starting ISN
- L3/6 with starting ISN
- Sx with the ISN Lower Limit field specified

**Action** Review application program and the file parameter Enable ISN Positioning.

**Subcode 60**

**Explanation** A memory request failed.

**Action** Review the memory availability of the

- host TP system;
- host operating system; and
- global common memory pool (BS2000 only; specified in the Adabas System Coordinator group definition).

**Subcode 65**

**Explanation** One of the following invalid values was used for a command ID value:

- X'00000000'
- X'40404040'

**Action** Do not use the above command ID values.

**Subcode 74**

**Explanation** One of the following errors was detected during read-ahead processing:

- direction change occurred during an L3 sequential read with no accompanying value reposition; or
- a direction change occurred during an L9 sequential read.

**Action** Review the application program.

**Subcode 86**

**Explanation** The Adabas Vista database process is not installed. It must be installed on all Adabas databases which contain Adabas Vista partitions. This subcode indicates that a database

- is not running with ADARUN VISTA=YES; or
- is not running Adabas version 7 or above.

**Action** Refer to the Adabas Vista installation procedures.



**Subcode 116**

**Explanation** A command has been issued against a partitioned file which has the `Shared Partition` option set to `YES` for one or more of its partitions. However, the partitioning field defined does not exist in the Adabas FDT.

**Action** The partitioning field must be present in the Adabas FDT when using shared partitions.

**Subcode 117**

**Explanation** One of the following errors occurred while processing the record, value, or search buffer:

- A `P` format field value was not in packed decimal format.
- A `U` format field value was not in unpacked decimal format.
- The attempted format conversion was not possible because of incompatible data formats or other compatibility problems.
- The field length was zero or not consistent with the field format.

**Action** Check field values for correct formats and lengths.

**Subcode 119**

**Explanation** A non-zero response code was returned when accessing the Adabas Vista configuration file.

**Action** A message is issued to the console from the job that received the error. The message has the prefix `AVI-0017-10` and displays the configuration file database/file number and the response code and subcode returned.

**Subcode 121**

**Explanation** The job parameter `Profile ID Validation` is set to `YES` and a Profile ID has been provided for which there are no translation or partition rules defined.

**Action** Review the Profile ID and the defined rules.

In batch mode this error is accompanied by a message issued to the console from the job that received the error. The message has the prefix `AVI-0016-10` and displays the Profile ID in question.

**Subcode 122**

**Explanation** An invalid partitioned file definition has been found in the Adabas Vista configuration file.

**Action** Check the file definition using Adabas Vista Online Services.

**Subcode 123**

**Explanation** An invalid translation file definition has been found in the Adabas Vista configuration file.

**Action** Check the file definition using Adabas Vista Online Services.

**Subcode 124**

**Explanation** An error in the record buffer was detected during processing of an OP command.

**Subcode 126**

**Explanation** One of the following errors occurred while processing an S8 command:

- An invalid command ID was specified in the Additions 1 field.
- Different file numbers were detected for ISN lists.
- An error occurred while processing a subsequent S8 call.

**Action** Review the application program.

**Subcode 127**

**Explanation** One of the following errors occurred while processing an S2 command:

- An invalid sort sequence was specified.
- An invalid ISN was detected during processing.
- An error was detected during ISN processing.

**Action** Review the application program.

**Subcode 128**

**Explanation** One of the following errors occurred while processing an S9 command:

- The command ID value specified was assigned to another command.
- An invalid sort sequence was specified.
- An invalid ISN buffer length was detected.
- The number of ISNs to be sorted as provided in ISN quantity is equal to 0.
- The command ID value specified in Additions 4 was not found.
- An invalid ISN was detected during processing.
- An error was detected during ISN processing.

**Action** Review the application program.

**Subcode 133**

**Explanation** One of the following errors occurred whilst processing a direction change during an L9 command sequence:

- A second direction change for this sequence was attempted.
- A format override cannot be processed.
- A length override greater than specified in the FDT cannot be processed.
- A length override has been specified with complex search criteria.

**Action** Review the use of the L9 command and the Adabas Vista restrictions.

**Subcode 134**

**Explanation** An S2 command to continue a sequence has been received. The sequence was not started by an S2 command.

**Action** Amend the command sequence to process either all S1 commands, or all S2 commands, as appropriate.

**Subcode 201**

**Explanation** One of the following errors occurred while initializing AVIKRN:

- The dynamic load failed.
- The version is not compatible.

**Action** Check the Adabas Vista installation procedures.



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