



Adabas Audit Data Retrieval

Messages and Codes

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Introduction

Overview This manual describes the messages of Adabas Audit Data Retrieval.

Message IDs A message ID consists of three elements:

- Three-character prefix **IRM**, which is the identifier of Adabas Audit Data Retrieval
- Four-digit message number **nnnn**
- One-character type code **x**

Type codes There are different type codes:

D - Debug	No user action is required.
E - Error	The user should take action now or at a later time. Check the instructions given under "Operator Response".
I - Information	No user action is required.
W - Warning	The user should investigate why the message was issued and may need to take action. Check the instructions given under "Operator Response".

Message ranges in the documentation The following message ranges are described in the following manuals:

IRM0001x - IRM7999x	<i>Adabas Audit Data Retrieval Messages and Codes</i>
8000x through 9599x 9700x through 9999x	<i>BSA Messages and Codes</i>

No prefix in BSA Messages and Codes

All messages are listed without the three-character prefix in *BSA Messages and Codes* because most messages can occur with the message prefix of different products.

The online version of the documentation includes aliases for each message, which means that you can search for messages with or without the prefix.

Example

You will find the description of message **9550W** in *BSA Messages and Codes* irrespective of whether you search for **9550W**, **OMS9550W**, **PMS9550W**, **SBL9550W** etc.

BQL return codes	A description of the BQL return codes can be found in "Database codes" in <i>BSA Messages and Codes</i> .
Conventions used in this manual	<p>The message text is written in UPPERCASE, BOLD letters.</p> <p>Certain messages contain portions that can vary, which are indicated by <i>lowercase, italic</i> letters.</p> <p>Alternate values issued by messages are separated by a vertical bar ().</p>
Routing and description codes	<p>Routing and description codes for the z/OS consoles and the z/OS system log are specified in the B97LSTxx member in the BETA.PARMLIB using the following parameters:</p> <p>IRCDE Information messages</p> <p>WRCDE Warning messages</p> <p>ERCDE Error messages</p> <p>DRCDE Decision messages</p> <p>For more details, see "LST parameters in BnnLSTxx" in <i>BSA Installation and System Guide</i>.</p>
Suppressing messages	<p>You can use the MSG_SUPPRESS parameter to suppress messages.</p> <p>For more information, see Suppressing messages in <i>BSA Installation and System Guide</i>.</p>
User abend codes	<p>Descriptions of Adabas Audit Data Retrieval user abend codes can be found in this manual following the Adabas Audit Data Retrieval messages. If you cannot find a specific abend code, please also check the user abend codes described in <i>BSA Messages and Codes</i>.</p>

Messages

IRM1001W INDEX INTERFACE MODULE *module* IS NOT AVAILABLE**Written to:**

JESMSG LG.

Explanation:

This warning message is written when the interface module is not available (see description of LST parameter B97_INDEX_INTERFACE_MODULE=*module*).

System Action:

Processing continues, but indexing and retrieval may lead to unpredictable results.

Operator Response:

Check the value of the B97_INDEX_INTERFACE_MODULE parameter and correct it if necessary. If the value is correct, check your libraries to find out why the specified module cannot be loaded. Afterwards restart the STC or batch job.

IRM1001I INDEX INTERFACE MODULE *module* LOADED**Written to:**

JESMSG LG.

Explanation:

This informational message is written when the interface module has been successfully loaded (see description of LST parameter B97_INDEX_INTERFACE_MODULE=*module*).

System Action:

None.

Operator Response:

None.

IRM1200I GENERIC ROUTER (PTF LEVEL *Level*) IS BEING INITIALIZED

IRM1202I GENERIC ROUTER HAS BEEN INITIALIZED

Written to:

Operator console, JESMSGLG.

Explanation:

These informational messages are written at the beginning and at the end of router initialization.

System Action:

None.

Operator Response:

None.

IRM1201E GROUP ATTACH FAILED FOR GROUP *groupname* AND ROUTER *name*

Written to:

Operator console, JESMSGLG.

Explanation:

Router initialization has failed.

System Action:

The system terminates.

Operator Response:

Try to start the system again. If the error persists, please contact support.

IRM1203I GENERIC ROUTER TERMINATED, RC=*rc*

Written to:

Operator console, JESMSGLG.

Explanation:

This informational message is written when the router terminates.

System Action:

None.

Operator Response:

None.

IRM1204E DICTIONARY *name* FAILED TO INITIALIZE, RC=*rc*

Written to:

Operator console, JESMSGLG.

Explanation:

Router initialization has failed.

System Action:

The system terminates.

Operator Response:

Try to start the system again. If the error persists, please contact support.

IRM1206W CLIENT MODULE *module* FOR ROUTER *router* IS NOT AVAILABLE**Written to:**

Operator console, JESMSGLG.

Explanation:

router was unable to load the support module named *module*.

System Action:

The affected commands fail because the corresponding function is not available.

Operator Response:

Check whether *module* is present in the load library and make sure that the load library is available (steplib or linklist concatenation). If the module is not present, please contact support.

IRM1208E GENERIC ROUTER DETECTED MISSING DEFINITIONS**Written to:**

Operator console, JESMSGLG.

Explanation:

The generic router was unable to find any definitions.

System Action:

The system terminates.

Operator Response:

Please contact support.

IRM1210I CLIENT MODULE *module* FOR ROUTER *prefix* LOADED
 IRM1205I *prefix* ACCEPTS COMMANDS, TRACE = (ON|OFF), CLASS = *class*
 IRM1209I *prefix* ROUTER SUPPORTS *n* CLIENT GROUPS

Written to:

Operator console, JESMSG LG.

Explanation:

These informational messages are written during the router initialization. The message indicates the command prefix accepted by the router and the class by which these commands are processed. Each class is controlled by its own set of LST parameters, whose values can also be modified after startup via the Service Manager or the corresponding console command:

```
ROUTER_ B97_ROUTER_SERVICE_CLIENT / _GROUPS / _TRACE
DIC_    B97_ROUTER_SERVICE_CLIENT / _GROUPS / _TRACE
QRY_    B97_ROUTER_QUERY_CLIENT   / _GROUPS / _TRACE
SAM_    B97_ROUTER_SPOOL_CLIENT   / _GROUPS / _TRACE
...
```

By default, each class is started with 1 group (TCB). Increasing this value will achieve a higher level of parallel processing.

System Action:

The system continues initialization.

Operator Response:

None.

IRM1211I GLOBAL ROUTER VALUES -----
 IRM1211I *n* OVERALL DELIVERED TRANSACTIONS SINCE STARTUP TIME ON *date*,
time
 IRM1211I A CURRENT RATE OF *n* TRANSACTIONS PER SECOND IS REPORTED
 IRM1211I *n* DELIVERED TRANSACTIONS AT A CURRENT RATE OF *n* TRANSACTIONS PER
 SECOND
 IRM1211I END OF GLOBAL ROUTER VALUES -----

Written to:

Operator console, IRMLOG.

Explanation:

These messages are informational messages of the command router.

System Action:

None.

Operator Response:

None.

IRM1212E UNKNOWN COMMAND *command* ENTERED

IRM1212E UNKNOWN KEYWORD *keyword* ENTERED

IRM1212E UNKNOWN VALUE *value* FOR KEYWORD *keyword* ENTERED

Written to:

Operator console, IRMLOG.

Explanation:

The modify command that was sent to the router is invalid.

System Action:

The requested function is not carried out.

Operator Response:

Verify the syntax of your modify command. The following modify commands are accepted:

F stcname,ROUTER,SET(*class*),TRACE(ON|OFF)

F stcname,ROUTER,SET(*class*),CLIENT(ACTIVE|DORMANT)

F stcname,ROUTER,QUERY(*class*)

IRM1500E COMPONENT ERROR : *name*

Written to:

Operator console, IRMLOG.

Explanation:

A serious error has occurred with the specified component.

System Action:

Depends on the function.

Operator Response:

Please contact support. You can also refer to *BSA Messages and Codes* for detailed explanations.

IRM1501E DATABASE ERROR: (*rc1,irc1,rc2,irc2*) - CONT.

IRM1501E : (*name keyword*) - CONT.

IRM1501E : (*subkeyw, field*) - CONT.

IRM1501E : (*text*)

Written to:

JESMSGGLG, Message database.

Explanation:

A dataset error occurred. *rc1* and *rc2* are return codes. *irc1* and *irc2* are infocodes.

System Action:

Depends on the function.

Operator Response:

Please contact support. You can also refer to *BSA Messages and Codes* for detailed explanations.

IRM1510E LOAD FAILED FOR MODULE (*modulename*)**Written to:**

Operator console, IRMLOG.

Explanation:

The module *modulename* could not be loaded.

System Action:

Depends on the function.

Operator Response:

Verify messages. Verify the steplib. If the message persists, please contact support.

**IRM1512W WAITING FOR DATABASE CONNECTION. SYSTEM
(/SYSTEM=*system*, LOCATION=*location*, SSID=*ssid*) DOES NOT RESPOND****Written to:**

Operator console.

Explanation:

The program is trying to access the Adabas Audit Data Retrieval database via the Adabas Audit Data Retrieval started task (parameter SIGNON=YES), but is unable to connect to the specified system.

System Action:

The program keeps trying to connect to the Adabas Audit Data Retrieval started task.

Operator Response:

Start the Adabas Audit Data Retrieval started task

IRM1513W RC_instorage_table_usage = nn PERCENT (n OF n_max ENTRIES IN USE)

IRM1513W TC_instorage_table_usage = nn PERCENT (n OF n_max ENTRIES IN USE)

Written to:

Operator console, IRMLOG.

Explanation:

The task control (TC) table and the resource control (RC) table are used by the spool access management (SAM) function. Each entry in the TC table represents a unique task (for example, spool access initiated by AAV user) that is currently active. Each entry in the RC table represents a unique document that is currently open. This warning message indicates that the specified table is getting full.

System Action:

An initial warning message is output when the percentage reaches 85 percent. Additional warning messages are output each time when there are changes in the percentage number above this value. The system continues processing, but spool access will lead to error messages when one of these tables is full.

Operator Response:

Increase the value of the LST parameter B97_RC_MAXIMUM or B97_TC_MAXIMUM as necessary. Alternatively, you can also reduce the timeout value B97_RC_TIMEOUT or B97_TC_TIMEOUT. The system needs to be restarted for this change to take effect. If this peak is exceptional, no reaction may be necessary.

IRM1515D SYSTEM LOG SERVICES (STARTED|ENDED)

Written to:

Message database.

Explanation:

Self-explanatory.

System Action:

The system log services have started/ended.

Operator Response:

None.

IRM1520E DATABASE MISMATCH**Written to:**

Message database and JESMSGLG or IRMLOG.

Explanation:

The current program level and the current database level do not match.

System Action:

The program terminates.

Operator Response:

See the release notes or *Adabas Audit Data Retrieval Installation and System Guide* for information on database updates that may be required. Make sure that all database update jobs have run correctly.

IRM1524E SUBSYSTEM *ssid* NOT ACTIVE**Written to:**

Operator console, JESMSGLG, IRMLOG.

Explanation:

No communication was established between job and STC.

System Action:

The job terminates.

Operator Response:

Start the system STC and repeat the job.

IRM1532E BQL ABENDED**Written to:**

Message database, IRMLOG.

Explanation:

A serious error has lead to an abend.

System Action:

Depends on the function.

Operator Response:

Refer to the descriptions of the additional messages that are issued with message IRM1532E.

IRM1536E INVALID BQL COMMAND**Written to:**

Message database, IRMLOG.

Explanation:

The BQL command is not valid.

System Action:

The current function ends.

Operator Response:

Please contact support.

IRM1545E KEYWORD (*keywordname*) NOT FOUND (*rc*)**Written to:**

Operator console, Message database.

Explanation:

The keyword with this name was not found.

System Action:

None.

Operator Response:

Enter the correct keyword and rerun the job.

IRM1546E NO DEFINITION FOUND FOR SSID (*xxxx*) IN SYS TABLE**Written to:**

Operator console, JESMSGLG.

Explanation:

There is no system record for the specified subsystem ID.

System Action:

None.

Operator Response:

Insert a system record under online option **S.2**.

IRM1547E INVALID BSA VERSION (*bsaver*) FOR SSID (*xxxx*)**Written to:**

Operator console, JESMSGLG.

Explanation:

An attempt has been made to start a Adabas Audit Data Retrieval V7 started task with a BSA version (*bsaver*) that is not supported by this started task.

System Action:

The system terminates with RC=16.

Operator Response:

Modify the JCL of the started task by specifying your BSA V7 load libraries.

IRM1559I PROGRAM *name* STARTED WITH PTFLEVEL *Level* COMPILED ON *date time*

Written to:

IRMLOG.

Explanation:

This message is issued to identify the version of a program.

System Action:

None.

Operator Response:

None.

IRM1560I SHUTDOWN ORDER RECEIVED, JOB IS TERMINATING

Written to:

IRMLOG.

Explanation:

Self-explanatory.

System Action:

The job terminates.

Operator Response:

None.

IRM1564E INTERNAL CONTROL BLOCK NOT PASSED
IRM1564E BLOCKLIST NOT PROVIDED
IRM1564E E15 SERVER NOT PROVIDED
IRM1564E RETURN CODE RECEIVED BY E15 SERVER

Written to:

JESMSG LG.

Explanation:

The error described in the error message text has occurred:

- If INTERNAL CONTROL BLOCK NOT PASSED:
Sort exit E15 did not receive internal control block
- If BLOCKLIST NOT PROVIDED:
Sort exit E15 did not receive data to insert records
- If E15 SERVER NOT PROVIDED:
Sort interface server not provided to exit E15
- If RETURN CODE RECEIVED BY E15 SERVER:
Sort has received a return code other than 0 or EOF from the sort interface server

System Action:

The sort exit returns RC=16, processing stops, and B97RDR00 terminates with RC=8.

Operator Response:

Please contact support.

IRM1564I END-OF-FILE REACHED | E15 TERMINATES WITH RC = 16

Written to:

JESMSG LG.

Explanation:

This informational message indicates that the sort exit E15 has reached the end of the ALOG dataset or encountered an error.

System Action:

If END-OF-FILE REACHED: Processing continues.

If E15 TERMINATES WITH RC = 16: Processing terminates. B97RDR00 ends with RC=8.

Operator Response:

If END-OF-FILE REACHED: None.

If E15 TERMINATES WITH RC = 16: See error message IRM1564E for more information on the type of error.

IRM1590E *batch error message***Written to:**

IRMLOG.

Explanation:

Depends upon the message text.

System Action:

Depends upon the message text.

Operator Response:

Depends upon the message text.

IRM1590W *batch warning message***Written to:**

IRMLOG.

Explanation:

Depends upon the message text.

System Action:

Depends upon the message text.

Operator Response:

Depends upon the message text.

IRM1590I *batch info message***Written to:**

IRMLOG.

Explanation:

Depends upon the message text.

System Action:

None.

Operator Response:

None.

IRM1591I PROGRAM *program* STARTED WITH PTFLEVEL=*ptflevel***Written to:**

IRMLOG.

Explanation:

Self-explanatory.

System Action:

None.

Operator Response:

None.

IRM1700I (*form, extension, report*) INDEX PROCESSING STARTED**Written to:**

Operator console, IRMLOG.

Explanation:

The reader program (B97RDR00) has started processing a list or report using the specified definition. When a report is processed, the message indicates whether the report is processed according to the corresponding report definition (*form, extension, report*) or list definition (*form, extension, .*).

System Action:

The reader program processes the list or report.

Operator Response:

None.

IRM1702I (*form, extension, report*) INDEX PROCESSING ENDED**Written to:**

Operator console, IRMLOG.

Explanation:

The reader program (B97RDR00) has finished processing the list or report using the specified definition. When a report has been processed, the message indicates whether the report has been processed according to the corresponding report definition (*form, extension, report*) or list definition (*form, extension, .*).

System Action:

None.

Operator Response:

None.

IRM1705E *form.extension.report* EVALUATION ERROR (*rc, info*)**Written to:**

Operator console, IRMLOG.

Explanation:

The system detects an error in the listname formula.

System Action:

Separation of this report is skipped.

Operator Response:

Check report formula.

IRM1706E ERROR READING TABLE *table* RC=*rc***Written to:**

Operator console, IRMLOG.

Explanation:

An error has occurred while reading table *table*. The return code is *rc*.

System Action:

Scan processing ended.

Operator Response:

Try to find out what caused this problem using accompanying messages or the return code (see page 57). If the error persists, please contact support.

IRM1707E ERROR OPENING DATA BASE FOR *subsystem***Written to:**

Operator console, IRMLOG.

Explanation:

Access to the database at location *subsystem* could not be established.

System Action:

Scan ended.

Operator Response:

Please contact support.

IRM1708E *subsystem* CONTROL BLOCK OVERLAY DETECTED**Written to:**

Operator console, IRMLOG.

Explanation:

A storage overlay was detected.

System Action:

Scan ended.

Operator Response:

Dump STC, restart STC, send dump and STC log to support.

IRM1711W (*listname (searchargument)*) INCOMPLETE SCAN ARGUMENTS DETECTED, SCAN BYPASSED**Written to:**

Operator console, IRMLOG.

Explanation:

The scan processor has detected a global search argument. Global search arguments are not supported by Adabas Audit Data Retrieval.

System Action:

This search argument is ignored; the scan process continues.

Operator Response:

Modify the search argument definition by adding a form and extension.

IRM1715W TRANSLATION TABLE (*index*) NOT FOUND**Written to:**

Operator console, IRMLOG.

Explanation:

Keyword B97_TRANSLATE_TABLE in the LST member B97LSTxx specifies an index value that does not exist in the load module B97TR720.

System Action:

System uses index entry 1 as default.

Operator Response:

Check the LST member B97LSTxx. Verify that B97_TRANSLATE_TABLE refers to the correct index value. Check the module B97TR720 to see whether or not it contains the specified index value.

IRM1717W VALUE LENGTH GREATER THAN DEFINED FOR NUMERIC INDEX *indexname***Written to:**

Operator console, IRMLOG.

Explanation:

The total length of the extracted value is greater than the maximum length defined for the numeric index. This message is output only once per index during the processing of a list.

System Action:

This value is skipped. Processing continues according to the warning level (Error, Warning, Ignore) specified in the index definition.

Operator Response:

Modify the index definition to allow for a greater length. If it is not possible to modify the existing definition, you can also add a new definition (same name, different instance number) with a greater length. (The maximum value of all instances of an index definition specifies the maximum length for the index.)

**IRM1717W BUFFER SUBSTITUTION EXCEEDS MAXIMUM BUFFER SIZE FOR INDEX
*indexname*****Written to:**

Operator console, IRMLOG.

Explanation:

The substitution rules cannot be executed for an index value without exceeding the maximum buffer size defined for this function, which is 255 Bytes.

System Action:

Substitution for this value is skipped and the original value is stored in the index. Processing continues according to the warning level (Error, Warning, Ignore) specified in the index definition.

Operator Response:

Simplify the substitution rules in the index definition.

**IRM1718W INDEX EXTRACTION OUT OF RECORD BOUNDARY ON PAGE *n* LINE *n* INDEX =
*indexid*****Written to:**

Operator console, IRMLOG.

Explanation:

The location defined by the offset in the index definition does not exist on this page.

System Action:

No value is extracted and indexing continues.

Operator Response:

If this is not the result expected for this page, correct the values in the index definition.

Note: You can use the LST parameter B97_NUMBER_OF_MSG1718W to limit the number of times that this message is issued for each index during the processing of a list.

IRM1719W DATE FIELD NOT FOUND FOR (*form, extension, report*)**Written to:**

Operator console, IRMLOG.

Explanation:

This message is issued when the list/report definition specifies that Adabas Audit Data Retrieval is to use a date extracted from the list instead of the read-in date, but the list does not contain a valid date at the specified location.

System Action:

The current date is used instead. Processing continues.

Operator Response:

None.

**IRM1719I DATE (*date*) EXTRACTED FROM PAGE *page*, LINE *line*, COLUMN *column*
FOR (*form,extension,report*)**

IRM1719I DATE SET TO (*yyyy.ddd*) FOR (*form,extension,report*)

Written to:

Operator console, IRMLOG.

Explanation:

The second of the two messages is output each time a list is read in by Adabas Audit Data Retrieval. *yyyy.ddd* is the list date, i.e. the date under which the list is stored in the Adabas Audit Data Retrieval database. The first message is only output, if the date is extracted from the contents of the list.

The list date can be one of the following:

- The date that has been extracted from the list at a specific location (the list definition specifies the date mask, row, and column)
- The date that the list is read into Adabas Audit Data Retrieval, i.e. the current date

System Action:

Processing continues.

Operator Response:

None.

IRM1721D ITEM MODE ENABLED FOR (*form,extension,report*)

Written to:

Operator console, IRMLOG.

Explanation:

This message is issued when Adabas Audit Data Retrieval processes IS_ records contained in the list (Adabas Audit Data Retrieval list definition specifies Item Mode = Yes)

System Action:

Processing continues.

Operator Response:

None.

IRM1721D TLE SCAN ENABLED FOR (*form,extension,report*)**Written to:**

Operator console, IRMLOG.

Explanation:

This message is issued when Adabas Audit Data Retrieval processes lists, where the Adabas Audit Data Retrieval list definition specifies 'Indexing without definition = Yes'.

System Action:

Processing continues.

Operator Response:

None.

IRM1722E (GLR,*form,extension[,report]*) DOES NOT BELONG TO A FOLDER, ALTHOUGH GLOBAL INDEX REQUIRES THIS**Written to:**

Operator console, IRMLOG.

Explanation:

At least one of the indexes of this list has the index level 0 (global). Global index processing requires that the list definition (or report definition) belongs to a folder.

System Action:

The processing of the dataset is terminated and B97RDR00 ends with RC=8.

Operator Response:

Correct the definitions and rerun the B97RDR00 job.

IRM1723E OWNER MISMATCH FOR (*form,extension,report*) AND FOLDER (*foldername*)**Written to:**

Operator console, IRMLOG.

Explanation:

At least one of the indexes of this list has the index level 0 (global). Global index processing requires that the same owner is used in all definitions involved (folder group, folder, and list). No indexes were created because the list does not have the same owner as the folder.

System Action:

The processing of the dataset is terminated and B97RDR00 ends with RC=8.

Operator Response:

Correct the definitions and rerun the B97RDR00 job.

IRM1725E (*form,extension,report(indexname)*) INDEX NOT BUILT, PROCESSING STOPPED**Written to:**

Operator console, IRMLOG.

Explanation:

The index could not be built. This message is output because there has been a warning message (IRM1717W, IRM1718W) and the warning level specified in the index definition is **Error**.

System Action:

The processing of the dataset is terminated and B97RDR00 ends with RC=8.

Operator Response:

Check the preceding warning messages and correct the index definitions accordingly. Afterwards rerun the B97RDR00 job.

IRM1725W (*form,extension,report(indexname)*) INDEX NOT BUILT OR INCOMPLETE, PROCESSING CONTINUES**Written to:**

Operator console, IRMLOG.

Explanation:

The index could not be built or is incomplete. This message is output because there has been a warning message (IRM1717W, IRM1718W) and the warning level of the index definition is **Warning**.

System Action:

Processing continues.

Operator Response:

Check the preceding warning messages and correct the index definitions accordingly.

IRM1800I ARCHIVE|AEXPDT PROCESSING STARTED - DATE:*date* TIME:*time***Written to:**

IRMLOG, Message database.

Explanation:

Processing of the displayed utility (ARCHIVE or AEXPDT) started on *date* at *time* (*hh:mm:ss*). Date is displayed in the format set in the system table.

System Action:

None.

Operator Response:

None.

IRM1801E *n* ARCHIVE REQUEST(S) FOR POOL *archivepool* / owner SUBPOOL(S) *n*
STATUS ERR.**Written to:**

IRMLOG, Message database.

Explanation:

All archive pool and archive subpool definitions are validated at the beginning of each archive run. This message is written by the program for each invalid archive pool definition. The message indicates the number of lists that the program has assigned to this archive pool and its number of archive subpools.

System Action:

The archive program continues processing and archives all lists that have been assigned to valid archive pools.

The lists that have been assigned to invalid archive pools are skipped in this archive run and keep their status *archive pending*. The names of these lists can be found in DD IRMPRINT.

Operator Response:

Correct the corresponding archive pool and/or archive subpool definitions and rerun B97ARC.

IRM1801I FILE(*) NEW CATALOG ...**Written to:**

IRMLOG, Message database.

Explanation:

This message is output by the program B97ARC before the writing of an archive dataset. The message contains the parameters that are used for the allocation of the dataset, which are dependent on the archive medium.

Example for an archive dataset to be written to tape:

```
IRM1801I FILE(*) NEW CATALOG COMPR DEFER DSNAME(dsname)  
EXPDT(yyyy/ddd) UNIT(unit) VOLUME(volser) POSITION(label) WAIT
```

Example for an archive dataset to be written to DASD:

```
IRM1801I FILE(*) NEW CATALOG DEFER DSNAME(dsname)  
EXPDT(yyyy/ddd) TRACKS RELEASE SPACE(nnnnn)
```

System Action:

None.

Operator Response:

None.

IRM1822E ARCHIVE SELECT FOR *type* RECORDS FAILED (RC:*rc*)**Written to:**

IRMLOG, Message database.

Explanation:

The program could not retrieve any records of the specified type from the database. *type* is either POOL or LIST.

System Action:

The program terminates.

Operator Response:

If *type* is POOL, check the pool definitions.

If *type* is LIST, check the list definitions.

IRM1899I ARCHIVE|AEXPDT PROCESSING ENDED - DATE:*date*, TIME:*time*, RC:*rc***Written to:**

IRMLOG, Message database.

Explanation:

Processing of the displayed utility (ARCHIVE or AEXPDT) ended on *date* at *time* (*hh:mm:ss*). Date is displayed in the format set in the system table. *rc* is the return code.

System Action:

None.

Operator Response:

None.

IRM1901D *stmt***Written to:**

IRMLOG.

Explanation:

In most cases, the statement *stmt* printed by the function is self-explanatory, either by itself or by the context in which it appears. The utility control statements are written to the dataset, where the statements is *stmt*.

System Action:

None.

Operator Response:

None.

IRM1903E (xxx) UNKNOWN KEYWORD**Written to:**

IRMLOG.

Explanation:

xxx is the unknown keyword.

System Action:

None.

Operator Response:

Verify the syntax and rerun the job or re-enter the console command.

IRM1906E (xxx, nnn) CONVERTER ERROR RC=(rc)**Written to:**

IRMLOG.

Explanation:

A conversion error occurred during translation of the keyword xxx, where nnn is the value to be converted and rc is the return code.

System Action:

None.

Operator Response:

Check the keyword and verify that the value of the keyword is numeric.

IRM2000W UNBALANCED PARENTHESIS FOUND, ")" IGNORED**Written to:**

IRMLOG.

Explanation:

The number of opening parenthesis "(" and closing parenthesis ")" is not the same.

System Action:

None.

Operator Response:

Change utility control statements and rerun the job.

IRM2001E INTERNAL BUFFER OVERFLOW, POSSIBLE REASONS ARE MISSING QUOTE OR MISSING RIGHT PARENTHESIS**Written to:**

IRMLOG.

Explanation:

The utility control record exceeds 32768 Bytes.

System Action:

None.

Operator Response:

Verify utility control statements and rerun the job.

IRM2011E SYNTAX CHECK FAILED - PROGRAM ENDS WITH RC(rc)**Written to:**

IRMLOG.

Explanation:

Error during syntax check, the program ends with RC=(rc).

System Action:

The program ends with RC=(rc).

Operator Response:

Correct the syntax error and rerun the job.

IRM2090E B97DEF DD STATEMENT MISSING|INVALID

IRM2090E ENTER THE DATASET NAME OF YOUR CURRENT BETA97 DEFINITION DATABASE

-OR-

IRM2090E B97DEF DD DUMMY NOT ALLOWED

IRM2090E ENTER THE DATASET NAME OF YOUR CURRENT BETA97 DEFINITION DATABASE

Written to:

IRMLOG, JESMSG LG

Explanation:

The DD statement for the Adabas Audit Data Retrieval definition database is missing from the JCL, or it is invalid or NULLFILE.

System Action:

The job terminates with RC=20.

Operator Response:

Insert or correct the B97DEF DD statement and rerun the job.

If SIGNON=YES, it is okay for most Adabas Audit Data Retrieval batch utilities to code B97DEF DD DUMMY in the JCL. For a list, see *Adabas Audit Data Retrieval Installation and System Guide*.

IRM2091E *ddname* DD STATEMENT MISSING**Written to:**

JESMSGLOG, Message database.

Explanation:

ddname DD statement is missing.

System Action:

Job terminates immediately, it ends with RC=20.

Operator Response:

Insert *ddname* DD statement and rerun the job.

IRM2092W *ddname1* DD STATEMENT MISSING - *ddname2* WILL BE USED**Written to:**

JESMSGLOG, Message database.

Explanation:

ddname1 DD statement is missing, *ddname2* will be used instead.

System Action:

Processing continues.

Operator Response:

None.

IRM2093W *ddname* DD STATEMENT MISSING - OUTPUT WILL BE SUPPRESSED**Written to:**

IRMLOG, JESMSGLOG, Message database.

Explanation:

ddname DD statement could not be found. Output is suppressed.

System Action:

None.

Operator Response:

None.

IRM2094E OPEN ERROR DD STATEMENT *ddname***IRM2094E INVALID DATASET ORGANIZATION (DSORG)****IRM2094E INVALID DCB (*dcb* REQUIRED)****Written to:**

IRMLOG, JESMSGLOG, Message database.

Explanation:

The dataset belonging to this *ddname* could not be opened.

System Action:

The job terminates.

Operator Response:

Assign the matching dataset and rerun the job.

IRM2095E ENQUEUE FAILED WITH RC=16: ANOTHER *program* JOB HAS LOCKED THE DATABASE

IRM2095E ONLY ONE *program* JOB CAN WORK WITH THE DATABASE AT THE SAME TIME

Written to:

IRMLOG, JESMSG LG.

Explanation:

It is not possible to run several *program* jobs for the same database in parallel.

System Action:

The second job ends with RC=16.

Operator Response:

If needed, submit the second job after the first one has terminated.

IRM2096E ADDRESS SPACE CREATION FAILED DUE TO MODULE B97\$ASC IS NOT APF AUTHORIZED

Written to:

IRMLOG, JESMSG LG.

Explanation:

B97ACTRL initializes a new address space when the automatic reload procedure is submitted. B97ACTRL has determined that it is lacking the required APF authorization.

System Action:

B97ACTRL disables the automatic reload function.

Operator Response:

To enable automatic reloading, do one of the following:

- APF-authorize the load libraries in the steplib of the reload procedure.
- OR-
- Code the LST parameter B97_AUTORLD_PROCEDURE = ##NONE##.

Effect: The STC submits automatic reload jobs directly in its own address space instead of using an automatic reload procedure.

Restart the STC for your changes to take effect.

IRM2100I *type* CLEANUP PROCESSING STARTED - DATE:*date* TIME:*time***Written to:**

IRMLOG, Message database.

Explanation:

This message informs you that the cleanup process has started at the displayed *date* and *time*. *type* is one of the following: ARCHIVE, CACHE, LOG-MSG, NOTES, or ONLINE.

System Action:

None.

Operator Response:

None.

IRM2140E MODIFICATION REQUEST(S) FOUND FOR ARCHIVE EXPIRATION DATE (NEWEXPDT), PROCESSING ABORTED.**Written to:**

IRMLOG, Message database.

Explanation:

B97DEARC has selected all the lists that have expired according to the archive expiration date currently stored in their list generation records. At least one of these lists has been marked for its archive expiration date to be updated. B97DEARC will not delete any data from the Adabas Audit Data Retrieval database before the batch utility B97AXPDT has carried out this update in the list generation record(s) and all the other records in the Adabas Audit Data Retrieval database that are affected by this modification.

System Action:

B97DEARC logs the selected lists whose archive expiration date has been marked for modification under DD IRMPRINT and ends processing.

Operator Response:

Run B97AXPDT first; then rerun B97DEARC.

IRM2140W MODIFICATION REQUEST(S) FOUND FOR REDUCTION OF ARCHIVE EXPIRATION DATE (NEWEXPT)**Written to:**

IRMLOG, Message database

Explanation:

B97DEARC checks whether there are lists/reports that have been marked for reducing the archive retention period but where the reduction has not been executed.

For affected lists/reports, see B97DEARC IRMERROR log.

System Action:

Processing continues.

Operator Response:

Check and if necessary adjust the archive expiration date for the affected lists/reports.

Then run B97AXPDT.

IRM2150I *type* CLEANUP RUNS IN ANALYZE MODE, NO DELETE/UPDATE WILL BE DONE**Written to:**

IRMLOG.

Explanation:

This message informs you that the cleanup process is running in analyze mode (simulation) and will therefore not delete or update any data. *type* is one of the following: ARCHIVE, CACHE, LOG-MSG, NOTES, or ONLINE.

System Action:

None.

Operator Response:

None.

IRM2191E B97DEF DD STATEMENT MISSING | INVALID**Written to:**

IRMLOG, JESMSGLG.

Explanation:

The DD statement for the Adabas Audit Data Retrieval database definition file is missing.

System Action:

The job terminates immediately, it ends with RC=20.

Operator Response:

Insert or correct the B97DEF DD statement and rerun the job.

IRM2191E B97DEF DD DUMMY NOT ALLOWED

IRM2191E ENTER THE DATASETNAME OF YOUR CURRENT BETA97 DEFINITION DATABASE

Written to:

IRMLOG, JESMSGGLG.

Explanation:

The B97DEONL job requires direct access to the spool files. The B97DEF DD statement must specify the name of the database definition file of the Adabas Audit Data Retrieval system.

System Action:

The job terminates immediately, it ends with RC=20.

Operator Response:

Correct the B97DEF DD statement and rerun the job.

IRM2199I *type* CLEANUP PROCESSING ENDED - DATE:*date*, TIME:*time*, RC:*rc*

Written to:

IRMLOG, Message database.

Explanation:

This message informs you that the cleanup process has ended at the displayed date and time. *rc* is the return code. *type* is one of the following: ARCHIVE, CACHE, LOG-MSG, NOTES, or ONLINE.

System Action:

None.

Operator Response:

None.

IRM2200I *pgmname* BATCH SELECT UTILITY STARTED - DATE:*date*, TIME:*time*

IRM2200I *pgmname* BATCH UPDATE UTILITY STARTED - DATE:*date*, TIME:*time*

Written to:

IRMLOG, Message database.

Explanation:

This message informs you that the displayed process has started at the displayed *date* and *time*. *pgmname* is the name of the utility.

System Action:

None.

Operator Response:

None.

IRM2201I *n* LISTS SELECTED|PROCESSED

IRM2202I *n* REPORTS SELECTED|PROCESSED

Written to:

IRMLOG.

Explanation:

Self-explanatory. *n* is the number of lists/reports that were selected/processed.

System Action:

None.

Operator Response:

None.

IRM2203I *time* SORT STARTED

IRM2204I *time* PRINT STARTED

Written to:

IRMLOG.

Explanation:

time indicates the beginning of the sort/output phase of the program.

System Action:

None.

Operator Response:

None.

IRM2210I *message text*

IRM2210W *message text*

IRM2210E *message text*

Written to:

IRMLOG, Message database.

Explanation:

Depends on the message text.

System Action:

Depends on the message text.

Operator Response:

Depends on the message text.

IRM2213E DATABASE MISMATCH**Written to:**

IRMLOG.

Explanation:

A problem was detected with the database level.

System Action:

None.

Operator Response:

None.

IRM2213I FORM: *form* EXTENSION: *ext* REPORT: *report*

IRM2213I DATE: *date* TIME: *time* ETOKEN: *etoken*

IRM2213W INDEX: *indexname* NOT FOUND FOR ABOVE LIST

Written to:

IRMLOG, Message database.

Explanation:

For each list/report that matches the specified selection criteria, the program carries out the specified search. This warning message is issued if the list/report does not have an index called *indexname*.

This may be caused by the following:

- The specified index has not been defined for this list/report.
- The specified index definition was not valid when reading in the list/report into Adabas Audit Data Retrieval.
- When reading in the list/report into Adabas Audit Data Retrieval, no index was created because the scanning instructions of the index definition did not lead to any index entries for this list/report.

System Action:

None.

Operator Response:

If this not the result you expect, check (and if necessary change) the list/report selection criteria.

IRM2299I *pgmname* BATCH SELECT UTILITY ENDED - DATE:*date*, TIME:*time*, RC:*rc*

IRM2299I *pgmname* BATCH UPDATE UTILITY ENDED - DATE:*date*, TIME:*time*, RC:*rc*

Written to:

IRMLOG, Message database.

Explanation:

This message informs you that the displayed process has ended at the displayed *date* and *time*. *rc* is the return code.

System Action:

None.

Operator Response:

None.

IRM2400I DATABASE VERIFICATION FOR *ssid* STARTED - DATE:*date*, TIME:*time*

Written to:

IRMLOG, Message database.

Explanation:

The database verification for subsystem *ssid* started on *date* at *time* (*hh:mm:ss*). Date is displayed in the format set in the system table.

System Action:

None.

Operator Response:

None.

IRM2499I DATABASE VERIFICATION FOR *ssid* ENDED - DATE:*date*, TIME:*time*,
RC:*rc*

Written to:

IRMLOG, Message database.

Explanation:

The database verification for subsystem *ssid* ended on *date* at *time* (*hh:mm:ss*). Date is displayed in the format set in the system table. *rc* is the return code.

System Action:

None.

Operator Response:

None.

IRM2800I RELOAD PROCESSING STARTED - DATE: *date*, TIME: *time***Written to:**

IRMLOG, Message database.

Explanation:

The reload processing started on *date* at *time* (*hh:mm:ss*).

System Action:

None.

Operator Response:

None.

IRM2801I RELOAD REQUEST QUEUED FOR MEDIUM (*archive medium*), SUBSYSTEM (*ssid*), REQUESTER WAS (*username*)**Written to:**

Operator console, Message database.

Explanation:

This message is written whenever a user issues a reload request.

System Action:

None.

Operator Response:

None.

IRM2805E AUTORELOAD DISABLED. INTERVAL = *interval*, LIMIT LOW = *limit*, SETTLE = *count*, PROC =**Written to:**

JESMSG LG, Message database.

Explanation:

This message is written during STC startup if the automatic reload function cannot be enabled, most likely because the autoreload procedure has not been specified. *interval*, *limit*, and *count* are the values coded with the LST parameters B97_AUTORLD_INTERVAL, B97_AUTORLD_REQUEST_LIMIT_LOW, and B97_AUTORLD_SETTLE_COUNT respectively, or the corresponding defaults.

System Action:

None.

Operator Response:

To enable the automatic reload function, code the name of the autoreload procedure in the B97LSTxx member, for example, B97_AUTORLD_PROCEDURE = B97RLDA, and restart the started task.

IRM2805I AUTORELOAD ENABLED. INTERVAL = *interval*, LIMIT LOW = *limit*, SETTLE = *count*, PROC = *name*

Written to:

JESMSG LG, Message database.

Explanation:

This message is written during STC startup if the automatic reload function is enabled (B97_AUTORLD_ENABLED = YES). *interval*, *limit*, *count*, and *name* are the values coded with the LST parameters B97_AUTORLD_INTERVAL, B97_AUTORLD_REQUEST_LIMIT_LOW, B97_AUTORLD_SETTLE_COUNT, and B97_AUTORLD_PROCEDURE, or the corresponding defaults.

IRM2805I AUTORELOAD DISABLED is logged if B97_AUTORLD_ENABLED = NO is coded.

System Action:

None.

Operator Response:

None.

IRM2810W NO RELOAD REQUEST FOUND

Written to:

IRMLOG.

Explanation:

No lists or reports were marked for reloading.

System Action:

The reload processing terminates.

Operator Response:

None.

IRM2840I B97BRDL BATCH RELOAD UTILITY STARTED - DATE:*date*, TIME:*time*

Written to:

IRMLOG, Message database.

Explanation:

The B97BRDL batch reload utility started on *date* at *time* (*hh:mm:ss*). The date is displayed in the format set in the system table.

System Action:

None.

Operator Response:

None.

IRM2841I B97BRLD BATCH RELOAD UTILITY ENDED - DATE:date, TIME:time, RC:rc**Written to:**

IRMLOG, Message database.

Explanation:

The B97BRLD batch reload utility ended on *date* at *time (hh:mm:ss)*. The date is displayed in the format of the system date mask (see batch reload processing defaults).

System Action:

None.

Operator Response:

None.

IRM2842I *number of* RELOAD REQUEST(S) QUEUED**Written to:**

IRMLOG.

Explanation:

The number of reload requests queued is displayed.

System Action:

None.

Operator Response:

None.

IRM2844I *number of* RELOAD REQUEST(S) QUEUED FOR REPORTS**Written to:**

IRMLOG.

Explanation:

The number of reload requests queued for reports is displayed.

System Action:

None.

Operator Response:

None.

IRM2899I RELOAD PROCESSING ENDED - DATE: *date*, TIME: *time*, RC: *rc***Written to:**

IRMLOG, Message database.

Explanation:

The reload processing ended on *date* at *time* (*hh:mm:ss*) with *rc*. Date is displayed in the format of the system date mask (see batch processing defaults).

System Action:

None.

Operator Response:

None.

IRM3000E FIELD *fieldname* IS REQUIRED**Written to:**

IRMLOG or IRMPRINT, Message database.

Explanation:

fieldname is a required selection criterion.

System Action:

The job terminates with RC=16.

Operator Response:

Specify the selection criterion *fieldname* and rerun the job.

IRM3001E INVALID START|END DATE/TIME (*date time*)**Written to:**

IRMLOG, Message database.

Explanation:

The specified start date/time (SDATE/STIME) or end date/time (EDATE/ETIME) is invalid.

System Action:

The job terminates.

Operator Response:

Correct your values and rerun the job.

IRM3002E START DATE/TIME (*date time*) > END DATE/TIME (*date time*)**Written to:**

IRMLOG, Message database.

Explanation:

The start date/time (SDATE/STIME) is greater than the end date/time (EDATE/ETIME).

System Action:

The job terminates.

Operator Response:

Correct your values and rerun the job.

IRM3003E FOLDER NOT DEFINED**Written to:**

IRMLOG, Message database.

Explanation:

A folder of this name does not exist.

System Action:

The job terminates with RC=16.

Operator Response:

Check the specified folder name and rerun the job.

IRM3018E NO LIST/REPORT FOUND**Written to:**

IRMLOG, Message database.

Explanation:

No list or report matching the given selection criteria was found by the system.

System Action:

The job terminates.

Operator Response:

Check and if necessary modify your selection criteria and rerun the job.

IRM3564E INTERNAL CONTROL BLOCK NOT PASSED
IRM3564E BLOCKLIST NOT PROVIDED
IRM3564E E35 SERVER NOT PROVIDED
IRM3564E RETURN CODE RECEIVED BY E35 SERVER

Written to:

JESMSG LG.

Explanation:

The error described in the error message text has occurred:

- If INTERNAL CONTROL BLOCK NOT PASSED:
Sort exit E35 did not receive internal control block
- If BLOCKLIST NOT PROVIDED:
Sort exit E35 did not receive data to insert records
- If E35 SERVER NOT PROVIDED:
Sort interface server not provided to exit E35
- If RETURN CODE RECEIVED BY E35 SERVER:
Sort has received a return code other than 0 or EOF from the sort interface server

System Action:

The sort exit returns RC=16, processing stops, and B97RDR00 terminates with RC=8.

Operator Response:

Please contact support.

IRM3564I END-OF-FILE REACHED | E35 TERMINATES WITH RC = 16

Written to:

JESMSG LG.

Explanation:

This informational message indicates that the sort exit E35 has reached the end of the ALOG dataset or encountered an error.

System Action:

If END-OF-FILE REACHED: Processing continues.

If E35 TERMINATES WITH RC = 16: Processing terminates. B97RDR00 ends with RC=8.

Operator Response:

If END-OF-FILE REACHED: None.

If E35 TERMINATES WITH RC = 16: See error message IRM3564E for more information on the type of error.

IRM3566E *irc(...)***Written to:**

IRMLOG.

Explanation:

This message is identical to error message IRM9566E, which is described in the manual *BSA Messages and Codes*. IRM9566E is written to the message database, whereas IRM3566E is written to IRMLOG.

For information on the meaning of *irc*, see "Database codes" in *BSA Messages and Codes*.

Example: If message IRM3566E-004 appears, look up the description of code 4 in the BQL return code table, which means "Field is not defined in the definition file".

System Action:

Depends on the type of error.

Operator Response:

Depends on the type of error.

IRM4000I *pgmname* DOWNLOAD|UPLOAD UTILITY STARTED DATE:*date*, TIME:*time***Written to:**

IRMLOG, Message database.

Explanation:

The *time* and *date* the batch utility B97DLOAD or B97BUTLT (or B97BUTLX) started.

System Action:

None.

Operator Response:

None.

IRM4001I *text***Written to:**

IRMLOG.

Explanation:

Repetition of command.

System Action:

None.

Operator Response:

None.

IRM4002I EXECUTE COMMAND RC (*rc*)**Written to:**

IRMLOG.

Explanation:

The command is executed.

System Action:

If the command is correct, none. If an error occurs, the message is followed by the message number IRM4003E.

Operator Response:

None.

IRM4003E COMMAND ERROR RC (*rc*)**Written to:**

IRMLOG.

Explanation:

An error occurred while executing the command.

System Action:

The job terminates with RC=*rc*.

Operator Response:

Correct the error and repeat the command.

IRM4004E NO DATA FOUND RC (*rc number of the command*)**Written to:**

IRMLOG, Message database.

Explanation:

The data was not found.

System Action:

The job has been terminated with *rc*.

Operator Response:

Correct the error and repeat the command.

IRM4004W NO DATA FOUND RC (*rc*)**Written to:**

IRMLOG.

Explanation:

The data was not found.

System Action:

The job has been terminated with *rc*.

Operator Response:

Correct the error and repeat the command.

IRM4005I COMMAND SUCCESSFULLY PROCESSED**Written to:**

IRMLOG.

Explanation:

The command was processed.

System Action:

None.

Operator Response:

None.

**IRM4006E SIGNON = NO AND SECURITY LEVEL ADM REQUIRED, PROGRAM ENDS WITH
RC = rc**

IRM4006E SIGNON = NO REQUIRED, PROGRAM ENDS WITH RC = rc

IRM4006E SECURITY LEVEL ADM REQUIRED, PROGRAM ENDS WITH RC = rc

Written to:

IRMLOG.

Explanation:

The user is not authorized to use the function, or the system was not stopped, or both.

System Action:

Job terminates immediately. It ends with RC=rc.

Operator Response:

Make sure that the user has the required authorization, or stop the system, or both.

**IRM4007E UPDATE AND DELETE STATEMENT(S) NOT ALLOWED, PROGRAM ENDS WITH
RC = rc**

Written to:

IRMLOG.

Explanation:

UPDATE and DELETE commands are not allowed for B97BUTLX.

System Action:

Job terminates immediately. It ends with RC=rc.

Operator Response:

Remove UPDATE and DELETE statements or use B97BUTLT instead.

IRM4008I ADMINISTRATOR SECURITY LEVEL SET FOR USER (*userid*)**Written to:**

IRMLOG.

Explanation:

The program has checked that the user *userid* has administrator security level (ADM).

System Action:

The program will carry out the BUTLT statements without performing an additional security check for each individual database request (INSERT, UPDATE, DELETE).

Operator Response:

None.

IRM4009E *ddname* DD STATEMENT MISSING - RC (*rc*)**Written to:**

IRMLOG, JESMSG LG, Message database.

Explanation:

ddname DD statement is missing.

System Action:

Job terminates immediately. It ends with RC=*rc*.

Operator Response:

Insert *ddname* DD statement and rerun the job.

IRM4010E OPEN ERROR DD STATEMENT *ddname* - RC (*rc*)**Written to:**

IRMLOG, JESMSG LG, Message database.

Explanation:

Open request for *ddname* dataset failed.

System Action:

Job terminates immediately. It ends with RC=*rc*.

Operator Response:

See JESMSG LG/JESYSMSG for additional information.

IRM4011E NO VALID STATEMENT FOUND RC(*rc*)**Written to:**

IRMLOG.

Explanation:

No valid database upload statement found for processing.

System Action:

Job terminates immediately. It ends with RC=*rc*.

Operator Response:

Correct the SYSIN statements and rerun the job.

IRM4012E SYNTAX ERROR - MISSING START OR END DELIMITER(") - RC(*rc*)**Written to:**

IRMLOG.

Explanation:

A syntax error occurred because the start or end delimiter (") is missing.

System Action:

The job ends with the RC=*rc*.

Operator Response:

Correct the syntax and rerun the job.

IRM4013E SYNTAX ERROR - INVALID KEYWORD AT COL.1 - RC(*rc*)**IRM4013E VALID KEYWORDS ARE: INSERT,UPDATE,DELETE,TABLE AND WHERE****Written to:**

IRMLOG.

Explanation:

A syntax error occurred because a keyword other than those that are valid (INSERT, UPDATE, DELETE, TABLE OR WHERE) was used in column 1.

System Action:

The job ends with the RC=*rc*.

Operator Response:

Enter one of the valid keywords mentioned above in column 1, and rerun the job.

IRM4014E SYNTAX ERROR - FIELDNAME NOT SPECIFIED - RC(rc)**Written to:**

IRMLOG.

Explanation:

A syntax error occurred because the given fieldname was not specified.

System Action:

The job ends with the RC=*rc*.

Operator Response:

Enter the fieldname and rerun the job.

IRM4015E SYNTAX ERROR - FIELDNAME LONGER THAN 8 DIGITS- RC(rc)**Written to:**

IRMLOG.

Explanation:

The maximum fieldname length of 8 characters was exceeded.

System Action:

The job ends with the RC=*rc*.

Operator Response:

Enter a fieldname with a maximum length of 8 characters and rerun the job.

IRM4016E SYNTAX ERROR - TABLENAME NOT SPECIFIED - RC(rc)**Written to:**

IRMLOG.

Explanation:

A syntax error occurred because no table name was specified.

System Action:

The job ends with RC=*rc*.

Operator Response:

Specify the name of the table and rerun the job.

IRM4017E SYNTAX ERROR - INVALID KEYWORD AT COL.1 - RC(rc)**IRM4017E VALID KEYWORDS ARE: INSERT AND TABLE****Written to:**

IRMLOG.

Explanation:

A syntax error occurred because a keyword other than those that are valid (INSERT or TABLE) was used in column 1.

System Action:

The job ends with the RC=*rc*.

Operator Response:

Enter one of the two valid keywords in column 1 and rerun the job.

IRM4019E CONNECTION TO SSID *ssid* FAILED - RC (*rc*)**Written to:**

IRMLOG.

Explanation:

No communication was established between the job and the STC.

System Action:

Job terminates immediately. It ends with RC=*rc*.

Operator Response:

Start the STC and rerun the job.

IRM4020E NOT ENOUGH MEMORY - RC (*rc*)**Written to:**

IRMLOG.

Explanation:

Space request failed.

System Action:

Job terminates immediately. It ends with RC=*rc*.

Operator Response:

Increase the region size and rerun the job.

IRM4021E INVALID/INCOMPLETE SELECT COMMAND - RC (*rc*)**Written to:**

IRMLOG.

Explanation:

Syntax check failed.

System Action:

Job ends with RC=*rc*.

Operator Response:

Correct the incorrect SYSIN statement.

IRM4022E TABLE NOT SUPPORTED: *tablename* - RC (*rc*)**Written to:**

IRMLOG.

Explanation:

Table *tablename* cannot be downloaded/uploaded.

System Action:

Job ends with RC=*rc*.

Operator Response:

Delete the corresponding statement from the SYSIN.

IRM4100E *message text***Written to:**

IRMLOG.

Explanation:

Depends on the message text.

System Action:

Depends on the message text.

Operator Response:

Depends on the message text.

IRM4102E *ddname: error type - RC(rc),IRC(irc)***Written to:**

JESMSGLG, IRMLOG.

Explanation:

Depends on the message text.

System Action:

Depends on the message text.

Operator Response:

Depends on the message text.

IRM4996I *tablename-number1* COMMANDS PROCESSED (IN ERROR: *number2*)**Written to:**

Operator console, IRMLOG, JESMSGLG.

Explanation:Information on the processing progress per table *tablename*.**System Action:**

None.

Operator Response:

None.

IRM4997I *number tablename* - RECORD(S) DOWNLOADED**Written to:**

IRMLOG.

Explanation:B97DLOAD summary information per table *tablename*.**System Action:**

None.

Operator Response:

None.

IRM4998I *tablename* - *number1* COMMANDS PROCESSED (IN ERROR: *number2*)

Written to:

IRMLOG.

Explanation:

B97BUTLT/B97BUTLX summary information per table *tablename*.

System Action:

None.

Operator Response:

None.

IRM4999I *pgmname* DOWNLOAD/UPLOAD UTILITY ENDED - DATE: *date*, TIME: *time*,
RC: *rc*

Written to:

IRMLOG, Message database.

Explanation:

This message is written when the batch utility B97DLOAD, B97BUTLT and B97BUTLX terminates. *rc* is the maximum job return code.

System Action:

None.

Operator Response:

None.

IRM7000D INIT TCPIP to *tcpip_task* with *ip* (*IP-Addr*) and *port* (*port*)

Written to:

Operator console, Message database.

Explanation:

None.

System Action:

None.

Operator Response:

None.

IRM7001E INIT TCPIP to tcpip_task with ip (*IP-Addr*) and port (*port*) failed**Written to:**

Operator console, Message database.

Explanation:

TCP/IP initialization has failed.

System Action:

The Adabas Audit Data Retrieval Web Access server on the host keeps retrying the initialization.

Operator Response:

Examine whether the TCPIP related keywords in the LST member are correct and whether or not the TCP/IP started task on the host is active. Use the **netstat** command to diagnose the TCP/IP problem.

If the error persists, please contact support. You can also refer to *BSA Messages and Codes* for detailed explanations.

IRM7002E CLIENT|SERVER Tcpip error occurred (*rc*)**IRM7002E CLIENT|SERVER returncode (*rc*)****IRM7002E CLIENT|SERVER errno (*errornumber*)****Written to:**

Operator console, Message database.

Explanation:

A TCP/IP communication error has occurred on the mainframe host.

System Action:

Depends on the nature of the error.

Operator Response:

See the IBM TCP/IP documentation to analyze the error using the return code and error number displayed in this message (z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference).

IRM7003E CLIENT|SERVER last call (READ|WRITE)**Written to:**

Operator console, Message database.

Explanation:

A TCP/IP error has occurred on the client-side or on the server-side.

System Action:

If the error occurred on the client-side: The client terminates, but Web access continues to be available on the host, which will accept new commands.

If the error occurred on the server-side: The server terminates and Web access is no longer available.

Operator Response:

If the error occurred on the client-side: None.

If the error occurred on the server-side: Restart the Adabas Audit Data Retrieval started task.

IRM7005D WEB97 server terminated...**Written to:**

Operator console, Message database.

Explanation:

The server was purged.

System Action:

None.

Operator Response:

None.

IRM7007D WEB97 CLIENT *transactionnumber* TERMINATED *rc...***Written to:**

Operator console, Message database.

Explanation:

None.

System Action:

None.

Operator Response:

None.

IRM7401E USER NOT AUTHORIZED TO USE THE FUNCTION**Written to:**

IRMLOG, Message database.

Explanation:

The user who is trying to access this function has no authorization to use it.

System Action:

None.

Operator Response:

None.

IRM7403E INVALID FUNCTION CODE PASSED TO B97UXSEC**Written to:**

IRMLOG, Message database.

Explanation:

The function code passed to the security exit B97UXSEC is invalid.

System Action:

The program terminates.

Operator Response:

Please verify your user exit.

IRM7405E RACINIT FAILED**Written to:**

IRMLOG, Message database.

Explanation:

The RACINIT failed.

System Action:

The program terminates.

Operator Response:

Please verify your security environment.

IRM7407E INVALID ENTITY PASSED TO THE SECURITY EXIT**Written to:**

IRMLOG, Message database.

Explanation:

The entity passed to the security exit B97UXSEC is invalid.

System Action:

The program terminates.

Operator Response:

Please verify your user exit.

IRM7420E MISSING ENTRY IN TABLE B97RACF**Written to:**

IRMLOG, Message database.

Explanation:

During installation an entry is created in table B97RACF, which is used to protect administrator functions (ADM) like batch skeleton generation, B97BUTLT, etc. This entry has been deleted from the table.

System Action:

The program terminates.

Operator Response:

Please contact support.

IRM7423E SUBSYSTEM OR SECURITY ROUTER NOT FOUND**Written to:**

IRMLOG, Message database.

Explanation:

The subsystem ID could not be found in the SSCT chain or BST00STH was not loaded via the B97INIT job.

System Action:

Access to the resource in question is denied.

Operator Response:

Run B97INIT to initialize the subsystem and security environment with BST01ARI. If this does not resolve the problem, please contact support.

IRM7490E SECURITY CHECK FAILED (RC: *rc* - IRC: *irc*)**Written to:**

IRMLOG, Message database.

Explanation:

The security check has ended with an error. The information code *irc* indicates the nature of the error.

System Action:

The request is rejected.

Operator Response:

For information on the meaning of *irc*, see "Database codes" in *BSA Messages and Codes*.

If the problem cannot be solved with the information in *BSA Messages and Codes*, please contact support.

IRM8000x through IRM9599x

The messages of this range are described in *BSA Messages and Codes*.

Descriptions of the return codes and info codes of these messages can be found in "BSA error/information codes" in *BSA Messages and Codes*.

IRM9700x through IRM9999x

The messages of this range are described in the manual *BSA Messages and Codes*.

Descriptions of the return codes and info codes of these messages can be found in "BSA error/information codes" in *BSA Messages and Codes*.

Internal return codes

Overview

This table contains a list of the internal return codes used by the modules of Adabas Audit Data Retrieval.

Most of these return codes are used by support for error analysis to help identify problems, but some of them return codes may also help you localize and resolve problems yourself.

Before you call support

Many of the errors that are underlying the different return codes are caused by the same reason: the Adabas Audit Data Retrieval started task is unavailable.

Before you call support to report an error, please make sure that the error was not caused by the started task being (temporarily) unavailable.

Internal return codes

Return code	Description
1001	Init BSAM/OAM
1011	Open BSAM/OAM
1051	Open BSAM/OAM
1101	Lock error
1202	ETOKEN not found List token (ETOKEN) errors may be caused by the same reasons as UTOKEN errors.
1203	Hit not found
1204	UTOKEN not created
1205	UTOKEN not browsable
1206	Partial no data
1211	Hits truncated
1212	Max hits = null
1213	Maximum IOs reached
1221	Asynchronous
1301	Type error
1302	No resources
1303	Print control not found
1304	Page not found

Return code	Description
1305	Loop detected
1306	No PAB extension received
1307	PAB ID not present or PAB corrupt
1310	No print control data
1311	No list data
1312	No resource data
1350	Table not found
1351	File not found
1352	Invalid archive pointer (for example, FileID or RBA equal zero)
1354	IOD returns an error
1381	Set user error
1382	Set list error
1401	No AOR (archive object record)
1402	No AGR (archive generation record)
1403	No IAR (index argument record)
1404	Index online error
1405	Global index not found
1501	No open list
1502	LST member error The specified LST member does not exist; check values in SYS (Option S.2)
1503	File ID changed on block deallocation
1504	List not expired by delete
1505	No ODISK available in ADT (archive device table) Make sure that the archive device table contains entries for this owner.
1506	No ponlop (B97DEONL)
1507	No ssid (B97DEONL)
1508	Update IGR failed
1509	Select IGR failed

Return code	Description
1510	Archive pending
1550	Block timestamp and list timestamp do not match
1551	General RACF error
1600	Compress error
1610	List is marked for deletion
1611	List is set to not viewable
1612	List is expired (archive)
1613	List is expired (online)
1614	Too many page pairs to print
1620	Expiration date is greater than 2155.365
1621	New expiration date is less than or equal archive expiration date
2000	No more storage available
2001	Ponlop in error
2003	No valid index definitions Make sure there is a valid index definition for this list/report (check the From/To date in the index definition). If Adabas Audit Data Retrieval should process lists without indexing, you must define B97_ERROR_IF_NO_INDEX=NO in the LST member.
2004	Open PAB server failed
2005	PABGENERATE failed
2006	Storage overlay detected
2007	Already EOF reached
2008	SPSGET error
2009	SPSDECODE error
2010	Logic error (Wrong func)
2011	LSTGET error
2012	List not found in GLR
2030	Invalid AFP data stream
2031	IRB buffer not found (Page)

Return code	Description
2032	IRB buffer not found (Group)
2033	Invalid TLE length
2034	Invalid TLE syntax
2035	Invalid position in data stream
2050	NCI: Invalid data stream
2051	NCI: Section too large
2052	NCI: Section error
2053	NCI: Missing equal sign in section (Keyword/value syntax error)
2054	NCI: BDT not found
2055	NCI: NOP not found
2060	Index not built
2061	Owner for folder does not match
2100	VSM Open Error
2101	VSM Insert Print Control
2102	VSM Insert Page
2103	VSM Insert Resource Page
2104	VSV Open Error
2105	VSV Open Error
2110	Too many IGL records for buffer
2200	No associated recovery function for CLEANUP command
2201	Invalid request
2202	Invalid user ID (mask not allowed)
2203	Insert of SI3P failed
2204	Keywords used are mutually exclusive
2205	Invalid subkeyword
2300	SORT has returned an error Check SORT and job logs for additional messages.
2301	SORTIN DD name not found Check JCL for default name <code>IRM1IN</code> or <code>ddprefixIN</code> if you have coded the <code>DDPREFIX</code> parameter.

Return code	Description
2303	Wrong command code in queue Internal error. Please contact support.
2304	IDLE command not expected Internal error. Please contact support.
2305	SHUTDOWN command received Consequential error. Check the preceding messages in IRMLOG to find the cause of this error.
2306	Environment error Internal error. Please contact support.
2307	Environment not found Internal error. Please contact support.
2308	Create environment failed Lack of memory prevents the creation of the indexing environment. Increase memory or split the ALOG dataset.
2309	No list definition found Check IRMLOG for message IRM2210I Trying... to find out which list definitions were searched. Create a list definition that matches your values for DEFAULTFORM / DEFAULTTEXTENSION / DEFAULTREPORT.
2310	Parser Syntax or semantic error Check messages in IRMLOG and then correct syntax in SYSIN accordingly.
2320	Control block verification error Internal error. Please contact support.
2321	UABL eyecatcher missing ALOG dataset corrupt or internal error. Please contact support.
2322	UABI eyecatcher missing ALOG dataset corrupt or internal error. Please contact support.
2323	UABD eyecatcher missing ALOG dataset corrupt or internal error. Please contact support.

Return code	Description
2324	UADF eyecatcher missing ALOG dataset corrupt or internal error. Please contact support.
2325	UADG eyecatcher missing ALOG dataset corrupt or internal error. Please contact support.
2326	Database mismatch Internal error. Please contact support.
2327	Invalid RDW detected Internal error. Please contact support.
2401	Open pool / ADP (archive dataset pool)
2402	Pool not found
2403	Pool allocation error
2501	Error building AGR (archive generation record) table
2502	Error building AOR (archive object record) table
2503	Error building IAR (index argument) table
2511	Error POINT in object
2512	Not all indexes were archived
2513	Not all pages archived
2514	Index pointer null (unexpected)
3000	Invalid logon token (WIF)
3098	Too many ETOKEN selected for index retrieval (max. 255)
3099	Too many indexes for select
5002	Command only contains blanks
5003	Desired router is not supported (unknown)
5004	Router is dormant
5005	Group could not be initialized
5010	Parser: Unknown command
5011	Parser: Unknown keyword for this command
5012	Parser: Unknown value for this key

Return code	Description
5050	Out of memory
5051	Owner already exists
5052	Owner string too long
5055	UTOKEN not found User token (UTOKEN) errors may be caused by one of the following: <ul style="list-style-type: none">• STC becomes unavailable• UTOKEN has become invalid due to user inactivity (timeout defined in LST member using keyword B97_TC_TIMEOUT)
5056	User extension does not exist
5057	Out of memory
5070	Unknown DOCID
5071	Maximum number of open lists reached
5072	Unknown rc type
5073	Unknown subtype
5074	Out of memory
5075	Reserved flags not null
5076	RC_Kill called with false group name
7301	start token > end token
7302	Command already executed
7303	List is archived
7304	List is not archived
7305	List is not online
7306	List is not offline
7307	List is marked for deletion
7308	List is set to not viewable
7309	Archive information incomplete
7310	Index retention period < online retention period
7311	New expiration date <= archive expiration date
7312	Date < 1900.001

Return code	Description
7313	Date > 2155.365
7314	Layout does not exist
7315	Layout missing (DOGID blank)
7316	Different DOGIDs (folder and folder group)
7317	Different owners (FGN <-> GLN)
7318	Different owners (FGN <-> GLN)
7319	Index missing (GLB / IAR)
7400	Profile not defined
7401	Not authorized
7402	Password expired
7403	Invalid function code
7404	Not a control user
7405	RACINIT failed
7406	Access revoked
7407	Invalid entity
7408	Access revoked
7409	Missing ID card
7420	Not authorized (empty B97RACF)
7423	Authorization failed
7500	SASID required
7501	From row > To row
7502	From col > To col
7503	Search argument value already defined