

# Message Class 0022 - EntireX ACI - Translation and Conversion Errors

This message class is given in case of errors in user exits, e.g. translation routines. The situation can be examined via the error number returned, and after correction, the applications can be restarted. The messages have the format:

0022nnnn

where 0022 is the message class, and

nnnn is the message number in the range 0000 - 9999

## Overview of Messages

00220046	00220075	00220081	00220085	00220223	00220437
00220438	00220439	00220531	00220649	00220650	

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### 00220046      **TRANS: User Error Returned By Routine**

**Explanation** The translation routine for the service (specified in the service section of the Broker attribute file) has returned an error to EntireX Broker.

**Action** Check for the translation routine in use. This is a user error if customer specific translation routines are in use. Contact Software AG support if the translation routine delivered by Software AG is in use.

### 00220075      **TRANS: Failed To Load Routine**

**Explanation** The user exit that performs translation services could not be loaded. The translation routine for the service is specified by the TRANSLATION parameter for the service in the attribute file. The routine is loaded during RECEIVE calls to the Broker.

**Action** Check the log data set for further load failure messages. Possible causes for the failure are:

1. An incorrect name for the translation routine is specified.
2. The translation routine is linked incorrectly.
3. The translation routine does not reside in a library accessible by the Broker.

**00220081      TRANS: Return Len > User Receive-length**

**Explanation**    The return length of the translated string set by the translation routine is greater than the receive length specified in the API by the receiver. Check the translation routine used. The return length given from the translation routine to EntireX Broker must not be set to a value greater than the receive length of the receiver. Check the program and correct the error.

**Action**            Contact the person who is responsible for the translation routine.

**00220085      TRANS: Return Length < 0**

**Explanation**    The return length of the translated string set by the translation routine is less than zero. Check the translation routine used. The return length given from the translation routine to EntireX Broker must not be less than zero. Check the program and correct the error.

**Action**            Contact the person who is responsible for the translation routine.

**00220223      Error from CONVERSION Routine**

**Explanation**    This message is written to the application if the user translation routine has an error.

**Action**            This is a user error. Check the program and correct the error.

**00220437      Some chars inconvertible to target CP**

**Explanation**    Some characters in the sender's message do not exist in the receiver's encoding. Check locale information of the sender of the message.

**Action**            Contact Software AG support and provide locale information of sender and receiver.

**00220438      Chars to convert undefined in source CP**

**Explanation**    Some of the characters to be converted are not defined in the source codepage. The data that the participant is sending and the conversion codepage do not correspond.

**Action**            Correct the data being sent.

**00220439 PTO Object may be missing in ECSOBJDIR**

**Explanation** This is an internal error. A conversion object that is needed to convert characters from sender's codepage to receiver's codepage is missing in the path specified by ECSOBJDIR.

**Action** Contact Software AG support and provide the information under "Conversion Exit Trace" found in broker's log.

**00220531 Converter Obj may be missing in ICUDATA**

**Explanation** The converter name cannot be recognized.

**Action** Ensure that the ICU data library (libcudataexx.so on UNIX, icudt32.dll on Windows or IXMI32DA on z/OS) is loadable or contact Software AG support.

**00220649 TRANS: User exit returns invalid lengths**

**Explanation** There is a probable error in external conversion exit. Lengths of payload data after conversion do not match with return code, returned by external exit.

**Action** Ensure that CONVERSION (or TRANSLATION) parameter in attribute file (DEFAULTS=SERVICE section) is properly configured. Make sure that the external exit (user-written) is returning right values in the right fields of TRAP structure.

**00220650 ATTR: Inval keyword in CONVERSION params**

**Explanation** There is a syntax error while specifying subparameters in CONVERSION=( . . ) in DEFAULTS=SERVICE section.

**Action** Ensure that the various option keywords and their values in CONVERSION are properly spelled. Each <keyword=value> pair must be separated by a ',' delimiter. The last pair is followed by closing parenthesis ')'.