

# Message Class 1003 - Conversion

This message class is returned if an error has occurred within Conversion. The messages have the format:

1003nnnn

where 1003 is the message class, and

nnnn is the message number in the range 0000 - 9999.

## Overview of Messages

10030001	10030002	10030003	10030004	10030005	10030006
10030007	10030008	10030009	10030010	10030011	10030012
10030013	10030014	10030015	10030016	10030017	10030018
10030019	10030020	10030021	10030022	10030023	10030024
10030025	10030026	10030027	10030028	10030029	10030030
10030031	10030032	10030033	10030034	10030035	10030036
10030037	10030038	10030039	10030040	10030041	10030042
10030043	10030044	10030045	10030046	10030047	10030048
10030049	10030050	10030051	10030052	10030053	10030054
10030055	10030056	10030057	10030058	10030059	10030060
10030061	10030062	10030063	10030064	10030065	10030066
10030067	10030068	10030069	10030070	10030071	10030072
10030073	10030074	10030075	10030076	10030077	10030078
10030079	10030080				

**10030001**      **Error *number* returned by RPCTRANS**

**Explanation**    The error indicated by *number* has occurred within an internal conversion routine.

**Action**            Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

**10030002**      **Buffer too small. Requires *length* bytes**

**Explanation**    The length of the receive buffer given by the receiver is too small. Depending on the version of EntireX Broker, EntireX and Natural components in use:

- The situation is handled inside the EntireX Broker, that is, conversion is called a second time by the EntireX Broker with a buffer that is large enough.
- The EntireX Broker passes this error as error 00200377 to the client or server.

**Action**            The error can be ignored. See error 00200377 for more information if the EntireX Broker passes 00200377 to the client or server.

**10030003 No Input Buffer Length**

**Explanation** An error has occurred in the interface between EntireX Broker kernel and the conversion routine.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

**10030004 No Input Buffer**

**Explanation** An error has occurred in the interface between EntireX Broker kernel and the conversion routine.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

**10030005 No Output Buffer Length**

**Explanation** An error has occurred in the interface between EntireX Broker kernel and the conversion routine.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

**10030006 No Output Buffer**

**Explanation** An error has occurred in the interface between EntireX Broker kernel and the conversion routine.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

**10030007 Internal Error**

**Explanation** An internal error has occurred inside the conversion routine.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

**10030008 Error *number* returned by ECS initialize**

**Explanation** Error *number* has occurred during ECS initialization.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

**10030009 Error *number* returned by ECS conversion**

**Explanation** Error *number* has occurred during ECS conversion.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030010 Error converting binary/numeric fields**

**Explanation** The length of the data (of numeric and binary data types such as `Nm.n`, `Pm.n`, `NUm.n`, `PUm.n`, `L`, `B`, `F4`, `F8`, `I1`, `I2`, `I4`, `D`, `T`) contained in an IDL parameter has increased/decreased, but the data must keep its length when converted.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030011 No free entries in preallocated list**

**Explanation** An internal error occurred in the conversion routine.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030012 Out of Memory**

**Explanation** The conversion routine is out of memory.

**Action** Try the following:

- Increase the memory resources available for EntireX Broker.
- If the error persists:

Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030013 RPC Protocol Version error**

**Explanation** An invalid RPC payload was sent. The conversion routine detected an inconsistent RPC protocol.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030014      RPC Protocol Version not supported**

**Explanation**    The RPC protocol is not supported by the conversion routine.

**Action**            Try the following:

- Check if an older version of the EntireX Broker and/or conversion routine is in effect.
- Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute CONVERSION.
- If the error persists:  
  
Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

**10030015      RPC Protocol Compression 1 not supported**

**Explanation**    The conversion routine supports "RPC compression 2" and "no RPC compression". "RPC compression 1" is not supported.

**Action**            Try the following:

- Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute CONVERSION.
- Do not use "RPC compression 1" when RPC conversion SAGTRPC is involved. Use "RPC compression 2" in your RPC client. See the documentation of the RPC client component involved for how to configure RPC compression.
- If the error persists:  
  
Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

**10030016      RPC protocol error parsing format buffer**

**Explanation**    The RPC protocol sent by the client or server is invalid.

**Action**            Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

**10030017 Digit/Character not found**

**Explanation** The RPC protocol sent by the client or server is invalid.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030018 Unexpected end During Scan**

**Explanation** The RPC protocol sent by the client or server is invalid.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030019 Codepage attribute has bad format**

**Explanation** An internal error occurred.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030020 Codepage attribute contains no data**

**Explanation** An internal error occurred.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030021      Some chars inconvertible to target CP**

**Explanation**    Some of the characters to be converted have no equivalent in the target ICU converter.

**Action**            Try the following:

- Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute `CONVERSION`.
- Use an ICU converter where all needed characters are defined (see *ICU Resources and Codepage Requirements for RPC Data Stream Conversions*). Check if the ICU converter is the correct one. If not, reconfigure the RPC component. See *Preparing EntireX Components for Internationalization*.
- If possible for the scenario, you can replace the inconvertible characters with a codepage-dependent substitution character. See *OPTION Values for Conversion*.
- If the error persists:  
  
Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030022      Chars to convert undefined in source CP**

**Explanation**    Some of the characters to be converted are not defined in the source ICU converter of the sender. The payload and the ICU converter of the sender do not match.

**Action**            Try the following:

- Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute `CONVERSION`.
- Use an ICU converter where all needed characters are defined (see *ICU Resources and Codepage Requirements for RPC Data Stream Conversions*). Check if the ICU converter is the correct one. If not, reconfigure the RPC component. See *Preparing EntireX Components for Internationalization*.
- If possible for the scenario, you can replace the inconvertible characters with a codepage-dependent substitution character. See *OPTION Values for Conversion*.
- If the error persists:  
  
Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030023 Internal attribute table overflow**

**Explanation** An internal table overflow occurred.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030024 Error *error* returned by ECS free handle**

**Explanation** An internal error occurred.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030025 Error *error* returned by ECS get handle**

**Explanation** An internal error occurred.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030026 Error *error* returned by ECS get attributes**

**Explanation** An internal error occurred.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030027 Error *error* from user exit out of range**

**Explanation** The valid range of errors returned by the SAGTRPC user exit is 1-9999. For more information see *Writing SAGTRPC User Exits* under z/OS | UNIX | Windows.

**Action** Check your SAGTRPC user exit and correct the error.

**10030028 String Buffer missing**

**Explanation** An invalid RPC payload was sent. A string buffer is required for the RPC protocol but could not be detected.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030029      Format Buffer missing**

**Explanation**    An invalid RPC payload was sent. A format buffer is required for the RPC protocol but could not be detected.

**Action**            Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

**10030030      Attribute end tag missing**

**Explanation**    An invalid RPC payload was sent. An attribute start tag was detected but the corresponding end tag is missing.

**Action**            Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

**10030031      Attribute error**

**Explanation**    An invalid RPC payload was sent. An invalid attribute was detected.

**Action**            Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

**10030032      Value Buffer parse error**

**Explanation**    An invalid RPC payload was sent. This error occurs in the following situations:

1. An unexpected end of the value buffer occurred.
2. The indices of an unbounded array cannot be parsed correctly.

**Action**            Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

**10030033      Error update addresses/length in header**

**Explanation**    An error occurred when updating new offsets and length in the RPC protocol header after decrease/increase of buffers.

**Action**            Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.



**10030034      Output Buffer overflow**

**Explanation** This is an internal message.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030035      Format Buffer length change occurred**

**Explanation** During conversion the format buffer has increased or decreased, but the format buffer must keep its length when converted.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030036      String Buffer parse error**

**Explanation** An invalid RPC payload was sent. An unexpected end of the string buffer occurred.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030037      Delimiter missing**

**Explanation** An invalid RPC payload was sent. The delimiter between keyword and value in the string buffer is missing.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030038      Variable Length Data parse error**

**Explanation** An invalid RPC payload was sent. This error occurs in the following situations:

1. An unexpected end of the value buffer occurred.
2. An error occurred when parsing the value buffer for the actual length of AV, BV and KV data types.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030039      Group end without corresponding start**

**Explanation** An invalid RPC payload was sent. A group end was detected without a group start tag.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030040      Group end missing**

**Explanation** An invalid RPC payload was sent. A group was detected without a corresponding group end.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030041      No Group start tag**

**Explanation** An invalid payload was sent. A group was detected with an invalid group start indicator.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030042      Error *number* returned by ECS create binding**

**Explanation** The error indicated by *number* has occurred during ECS binding of codepages.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030043      DBCS Space missing for modal codepage**

**Explanation** For an EBCDIC stateful codepage (encoded with escape technique, that is, SI/SO bytes) there is no DBCS space defined.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030044 K or KV Field must have even length**

**Explanation** If IDL K fields are used with EBCDIC stateful codepages (encoded with escape technique, that is, SI/SO bytes) the fields must have even length. For more information see *Conversion with Multibyte, Double-byte and other Complex Codepages*.

**Action** Try the following:

- For fixed-length IDL K fields, define the field in your IDL with even length. For variable-length KV fields, make sure to send your data with even length. For more information see *IDL Data Types*.

- If the error persists:

Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030045 DBCS Space less or more than 2 bytes**

**Explanation** The length of DBCS space is not as expected.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030046 Single Space more than 1 byte**

**Explanation** The length of space is not as expected.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030047 Space missing for codepage**

**Explanation** There is no space defined.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030048 SAGTRPC Load error *number***

**Explanation** The error indicated by *number* has occurred during load of the conversion routine by your SAGTRPC user exit. For *number* refer to your operating system documentation.

**Action** Where applicable check the following possibilities:

- Under UNIX and Windows, check that the link step of SAGTRPC user exit is correct and all required libraries are linked to your SAGTRPC user exit.

See *Writing SAGTRPC User Exits* under z/OS | UNIX | Windows.

- Under UNIX, check that *libsagtrpc.so* is accessible by the broker. If it is not accessible, reinstall EntireX.
- Under Windows, check that *libsagtrpc.dll* is accessible by the broker. If it is not accessible, reinstall EntireX.
- Under all other operating systems and if the error persists:

Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030049 User exit missing**

**Explanation** Internal error.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030050 Invalid Conversion Method**

**Explanation** Internal error.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030051 Invalid Trap Function**

**Explanation** Internal error.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030052 Invalid Direction**

**Explanation** Internal error.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030053 ICU Error *error* occurred**

**Explanation** The error indicated by *error* has occurred during execution of an ICU function. Possible errors are:

`U_FILE_ACCESS_ERROR` - This error indicates a missing ICU converter or a missing mapping from ICU alias name to the real ICU converter name. The ICU converter can be accessed with any name (alias name or real name).

**Action** Depending on the error situation:

- `U_FILE_ACCESS_ERROR` - Examine the broker's trace for the name used to locate the ICU converter. For information on available ICU converters and their alias names, see *ICU Converter Explorer*. There are the following possibilities:
  - If the client or server component uses a valid codepage for its environment but sends a name which is not a valid ICU alias, you can define an ICU alias to ICU Converter name mapping in the EntireX Broker attribute file. See *Codepage-specific Attributes* under *Broker Attributes*.
  - Reconfigure the client or server component to use a codepage valid in its own environment and available as an ICU converter. See *Preparing EntireX Components for Internationalization*.

- For all other errors:

Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030054 SAGTRPC Get EP error *number***

**Explanation** The error indicated by *number* has occurred during load of the conversion routine by your SAGTRPC user exit. For *number* refer to your operating system documentation.

**Action** Contact Software AG support.

**10030055      Option conflicts with Method**

**Explanation**    The option defined with the service-specific or topic-specific broker attribute CONVERSION cannot be used together with the defined conversion.

**Action**            Define an option supported by the defined conversion. See *OPTION Values for Conversion*.

**10030056      Padding occurred for K field and modal CP**

**Explanation**    Internal error.

**Action**            Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

**10030057      Invalid Unicode Byte Sequence**

**Explanation**    An invalid RPC payload was sent. The sender's data was not correctly converted to the intermediate Unicode encoding of the RPC protocol.

**Action**            Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

**10030058      SAGTRPC ICU Wrapper Load error *number***

**Explanation**    The error indicated by *number* has occurred during load of a module required by the conversion. For *number* refer to your operating system documentation.

**Action**            Where applicable, check the following possibilities:

- Under z/OS, check that EXXICU is accessible by the broker. If it is not accessible, reinstall EntireX.
- Under UNIX, check that *libsagtrpcicu.so* is accessible by the broker. If it is not accessible, reinstall EntireX.
- Under Windows, check that *libsagtrpcicu.dll* is accessible by the broker. If it is not accessible, reinstall EntireX.

If the error persists:

Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

If your EntireX Broker is running under z/OS, also provide the module report. Refer to DDNAME ETBMREP under *Step 2: Edit the Broker Startup Procedure* under *Installing EntireX Broker under z/OS*.

**10030059 SAGTRPC ICU Wrapper Get EP error *number***

**Explanation** The error indicated by *number* has occurred during load of a module required by the conversion. For *number* refer to your operating system.

**Action** Where applicable, check the following possibilities:

- Under z/OS, check that EXXICU is accessible by the broker. If it is not accessible, reinstall EntireX.
- Under UNIX, check that *libsagtrpcicu.so* is accessible by the broker. If it is not accessible, reinstall EntireX.
- Under Windows, check that *libsagtrpcicu.dll* is accessible by the broker. If it is not accessible, reinstall EntireX.

If the error persists:

Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

If your EntireX Broker is running under z/OS, also provide the module report. Refer to `DDNAME ETBMREP` under *Step 2: Edit the Broker Startup Procedure* under *Installing EntireX Broker under z/OS*.

**10030060 Unconvertible Chars in B,I,D,.. Field**

**Explanation** Unconvertible characters were detected in RPC binary, integer or date fields. The ICU converter used by the receiver does not support characters required by the RPC protocol. The ICU converter of the receiver cannot be used with RPC calls.

**Action** Try the following:

- Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute `CONVERSION`.
- Use an ICU converter where all needed characters are defined (see *ICU Resources and Codepage Requirements for RPC Data Stream Conversions*). Check if the ICU converter is the correct one. If not, reconfigure the RPC component. See *Preparing EntireX Components for Internationalization*.
- If the error persists:

Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030061 Unconvertible Chars in Metadata**

**Explanation** Unconvertible characters were detected in RPC metadata. The ICU converter used by the receiver does not support characters required by the RPC protocol. The ICU converter of the receiver cannot be used with RPC calls.

**Action** Try the following:

- Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute `CONVERSION`.
- Use an ICU converter where all needed characters are defined (see *ICU Resources and Codepage Requirements for RPC Data Stream Conversions*). Check if the ICU converter is the correct one. If not, reconfigure the RPC component. See *Preparing EntireX Components for Internationalization*.
- If the error persists:  
  
Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030062 Invalid Source Chars in B,I,D,.. Field**

**Explanation** An invalid RPC payload was sent. Invalid characters were detected in IDL binary, integer or date fields of the sender. The payload and the ICU converter of the sender do not match or the payload that was sent is not a valid RPC protocol.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030063 Invalid Source Chars in Metadata**

**Explanation** An invalid RPC payload was sent. Invalid characters were detected in RPC metadata of the sender. The payload and the ICU converter of the sender do not match, or the payload that was sent is not a valid RPC protocol.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030064 Substitution character length error**

**Explanation** Internal error.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.



**10030065 Error *error* returned by ICU free handle**

**Explanation** Closing an ICU handle returned an error.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030066 Bad access to memory**

**Explanation** An internal error occurred.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030067 No support for ECS**

**Explanation** ECS Conversion is no longer supported.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030068 Length changed during uppercase conversion**

**Explanation** For the Hebrew codepage CP803, lowercase metadata is converted to uppercase. An error occurred during this. For more information see *Conversion with Multibyte, Double-byte and other Complex Codepages*.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030069**      **Missing Unicode character *char* in target ICU Converter *converter***

**Explanation**    The payload of the sender could not be converted to the encoding of the receiver. The given Unicode character is not contained in the ICU converter of the receiver.

**Action**            Try the following:

- For *RPC-based Components*:
  - Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute `CONVERSION`.
  - Use an ICU converter where all needed characters are defined (see *ICU Resources* and *Codepage Requirements for RPC Data Stream Conversions*). Check if the ICU converter is the correct one. If not, reconfigure the RPC component. See *Preparing EntireX Components for Internationalization*.
- If possible for the scenario, you can replace the inconvertible characters with a codepage-dependent substitution character. See *OPTION Values for Conversion*.
- If the error persists:

Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030070**      **No character at codepoint *codepoint* in source ICU Converter *converter***

**Explanation**    An invalid payload was sent. The payload and the ICU converter of the sender do not match. There is no character defined in the ICU converter at the given codepoint.

**Action**            Try the following:

- For *RPC-based Components*:
  - Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute `CONVERSION`.
  - Use an ICU converter where all needed characters are defined (see *ICU Resources* and *Codepage Requirements for RPC Data Stream Conversions*). Check if the ICU converter is the correct one. If not, reconfigure the RPC component. See *Preparing EntireX Components for Internationalization*.

- Check that the data sent is correct.

- If possible for the scenario, you can replace the inconvertible characters with a codepage-dependent substitution character. See *OPTION Values for Conversion*.

- If the error persists:

Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030071**      **Missing Unicode character *char* in broker ICU Converter *converter***

**Explanation**    The EntireX Broker's ICU converter is required to parse the RPC payload of the sender. The given Unicode character is missing in the defined EntireX Broker's ICU converter.

**Action**            Try the following:

- Check if the ICU converter of the EntireX Broker is the correct one. If not, reconfigure the EntireX Broker.

- If the error persists:

Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030072 No character at codepoint *codepoint* in broker ICU Converter *converter* defined**

**Explanation** The EntireX Broker's ICU converter is required to parse the RPC payload of the sender. There is no character defined at the given codepoint in the ICU converter.

**Action** Try the following:

- Check if the ICU converter of the EntireX Broker is the correct one. If not, reconfigure the EntireX Broker.
- If the error persists:  
  
Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030073 Missing Unicode character *char* in ICU Converter *converter***

**Explanation** In some situations it is necessary to use an additional ICU converter for conversion (for example the old Hebrew codepage CP803). The error occurred using this additional converter. The given Unicode character is not contained in the given ICU converter.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030074 No character at codepoint *codepoint* in ICU Converter *converter* defined**

**Explanation** In some situations it is necessary to use an additional ICU converter for conversion (for example the old Hebrew codepage CP803). The error occurred using this additional converter. No character is defined in the given ICU converter at the given codepoint.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030075 No character at codepoint *codepoint* in ICU Converter *converter* defined for integer or binary data**

**Explanation** An invalid RPC payload was sent. Invalid characters were detected in integer or binary data of the sender. The payload and the ICU converter of the sender do not match, that is, there is no character defined in the given ICU converter at the given codepoint, or the payload that was sent is not a valid RPC protocol.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030076 No character at codepoint *codepoint* in ICU Converter *converter* defined for metadata**

**Explanation** An invalid RPC payload was sent. Invalid characters were detected in metadata of the sender. The payload and the ICU converter of the sender do not match, that is, there is no character defined in the given ICU converter at the given codepoint, or the payload that was sent is not a valid RPC protocol.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030077 No character at codepoint *codepoint* in ICU Converter *converter* defined for string buffer item**

**Explanation** An invalid RPC payload was sent. Invalid characters were detected in string buffer items of the sender. The payload and the ICU converter of the sender do not match, that is, there is no character defined in the given ICU converter at the given codepoint, or the payload sent is not a valid RPC protocol.

**Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030078 Missing Unicode character *char* in target ICU Converter *converter* for integer or binary data**

**Explanation** Integer or binary data of the RPC payload of the sender could not be converted into the encoding of the receiver. The given Unicode character is not contained in the given ICU converter.

**Action**

- Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute `CONVERSION`.
- Use an ICU converter where all needed characters are defined (see *ICU Resources* and *Codepage Requirements for RPC Data Stream Conversions*). Check if the ICU converter is the correct one. If not, reconfigure the RPC component. See *Preparing EntireX Components for Internationalization*.
- If the error persists:  
  
Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

**10030079 Missing Unicode character *char* in target ICU Converter *converter* for metadata**

**Explanation** Metadata of the RPC payload of the sender could not be converted into the encoding of the receiver. The given Unicode character is not contained in the given ICU converter.

- Action**
- Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute CONVERSION.
  - Use an ICU converter where all needed characters are defined (see *ICU Resources and Codepage Requirements for RPC Data Stream Conversions*). Check if the ICU converter is the correct one. If not, reconfigure the RPC component. See *Preparing EntireX Components for Internationalization*.
  - If the error persists:  
  
Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.

**10030080 Missing Unicode character *char* in target ICU Converter *converter* for string buffer**

**Explanation** The RPC string buffer of the RPC payload of the sender could not be converted into the encoding of the receiver. The given Unicode character is not contained in the given ICU converter.

- Action**
- Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute CONVERSION.
  - Use an ICU converter where all needed characters are defined (see *ICU Resources and Codepage Requirements for RPC Data Stream Conversions*). Check if the ICU converter is the correct one. If not, reconfigure the RPC component. See *Preparing EntireX Components for Internationalization*.
  - If the error persists:  
  
Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.