BEA Tuxedo

System Messages
TRPC Catalog

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BEA Tuxedo System Messages TRPC Catalog

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TRPC Messages 1000-1099

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1000 ERROR: Invalid -client option - *opt*

Description	While executing the `tidl` program, an invalid argument, *opt*, was specified to the -client option. The valid arguments are none to get no client files, stub to get the stub file, aux to get the auxiliary file (the auxiliary file may not be generated if not needed), and all to get both client files.
Action	Re-run the `tidl` program using the correct argument.
See Also	*BEA TUXEDO TxRPC Guide*

1002 ERROR: Invalid -server option - *opt*

Description	While executing the `tidl` program, an invalid argument, *opt*, was specified to the -server option. The valid arguments are none to get no server files, stub to get the stub file, aux to get the auxiliary file (the auxiliary file may not be generated if not needed), and all to get both server files.
Action	Re-run the `tidl` program using the correct argument.
See Also	*BEA TUXEDO TxRPC Guide*

1004 ERROR: *dir* **directory does not exist**

Description	While executing the `tidl` program, the -out option was specified with an argument, *dir*, that does not exist or was not a directory.
Action	Make sure that the directory exists and has write permission. Re-run the `tidl` program using the correct argument.
See Also	*BEA TUXEDO TxRPC Guide*

1005 ERROR: Invalid -keep option - *opt*

Description	While executing the `tidl` program, the argument to the keep option was invalid. The valid arguments are none to keep no files except the header file, c_source to keep the C source files, object to keep the C object files (generated from the source files) and all to keep both C source and object files. Note that on DOS and OS/2 environments, the object argument is not supported and all implies simply keeping the C source files.
Action	Re-run the `tidl` program using the correct argument.
See Also	*BEA TUXEDO TxRPC Guide*

1007 ERROR: Memory allocation failure

Description	An attempt to dynamically allocate memory from the operating system using `malloc` failed.
Action	Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.
See Also	*BEA TUXEDO TxRPC Guide*

1010 ERROR: Invalid -error option - *opt*

Description	While executing the `tidl` program, the argument to the -error option was invalid. The only valid argument is all which causes all errors to be printed. By default, only the first 50 messages are printed.
Action	Re-run the `tidl` program using the correct argument.
See Also	*BEA TUXEDO TxRPC Guide*

1012 ERROR: Invalid -port option - *opt*

Description	While executing the `tidl` program, the argument to the -port option was invalid. The valid arguments are case which causes additional checking to see if identifiers differ only in case, and none which does no additional checking.
Action	Re-run the `tidl` program using the correct argument.
See Also	*BEA TUXEDO TxRPC Guide*

1014 WARN: -no_enum_lit not supported

Description	While executing the `tidl` program, the -no_enum_lit option was specified. This option is needed only for languages that don't support enumeration literals.
Action	Re-run the `tidl` program without this option.
See Also	*BEA TUXEDO TxRPC Guide*

1015 WARN: -no_mepv not supported

Description	While executing the `tidl` program, the -no_mepv option was specified. This option turns off the manager entry point vector generation and is not supported.
Action	Re-run the `tidl` program without this option.
See Also	*BEA TUXEDO TxRPC Guide*

1016 WARN: -space_opt not supported

Description	While executing the `tidl` program, the -space_opt option was specified. This option optimizes code generation for space and is not supported.
Action	Re-run the `tidl` program without this option.
See Also	*BEA TUXEDO TxRPC Guide*

1017 WARN: -bug option ignored

Description	While executing the `tidl` program, the -bug option was specified. This option causes certain bugs to be generated for compatibility with earlier IDL versions and is not supported.
Action	Re-run the `tidl` program without this option.
See Also	*BEA TUXEDO TxRPC Guide*

1018 ERROR: Unrecognized option: *opt*

Description	While executing the `tidl` program, an invalid command line option was specified. The valid options should be listed if this error occurs.
Action	Re-run the `tidl` program using the correct options.
See Also	*BEA TUXEDO TxRPC Guide*

1019 ERROR: Multiple file arguments: *filename*

Description	While executing the `tidl` program, multiple input file parameters were specified.
Action	Re-run the `tidl` program using the correct options and a single file parameter.
See Also	*BEA TUXEDO TxRPC Guide*

1020 ERROR: No input file specified

Description	While executing the `tidl` program, no input file was specified.
Action	Re-run the `tidl` program specifying an input IDL file.
See Also	*BEA TUXEDO TxRPC Guide*

1025 WARN: Failed to open *filename*

Description	While executing the `tidl` program, the output listing file, *filename*, could not be opened.
Action	Check that the output directory exists and has write permission, and if the file exists, that it has write permission and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1026 ERROR: Above unsupported features found during syntax checking

Description	While executing the `tidl` program, one or more unsupported features were found that caused the code generation to fail.
Action	Change the IDL input file and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1027 WARN: No operations have the [code] attribute

Description	While executing the `tidl` program, the input IDL file had all operations with the [nocode] attribute. No client stub functions were generated.
Action	Change the ACS input file and re-run the `tidl` program if client stub functions are desired.
See Also	*BEA TUXEDO TxRPC Guide*

1058 ERROR: Cannot find cpp command

Description	While executing the `tidl` program, the C pre-processor program could not be found using the default paths /lib/cpp, /usr/ccs/lib/cpp, and /usr/lib/cpp,
Action	Use the -cpp_cmd option to specify the full pathname for the C pre-processor, or specify the -no_cpp option to turn off pre-processing, and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1060 ERROR: Cannot open *filename* **for writing**

Description	While executing the `tidl` program using the -stdin option, the temporary file *filename*, could not be opened for writing.
Action	Check that the directory exists and has write permission, and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1061 ERROR: Cannot find IDL file *filename*

Description	While executing the `tidl` program, the specified IDL input file, *filename*, could not be found.
Action	Check that the input file exists and has read permission and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1063 ERROR: Can't open file *filename*

Description	While executing the `tidl` program, the input file could not be opened after pre-processing, if specified.
Action	Check to see if the pre-processing generated error messages. Correct any problem and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1064 ERROR: Parse failed

Description	While executing the `tidl` program, parsing of the IDL input file failed.
Action	Correct the syntax error and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1065 ERROR: Severe error found. Stop syntax checking.

Description	While executing the `tidl` program, an error occurred that caused input processing to stop.
Action	Correct the syntax error and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1066 ERROR: Above errors found during syntax checking

Description	While executing the `tidl` program, an error occurred that stopped processing before header or stub generation.
Action	Check the earlier messages, correct the IDL or ACS file, and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1067 WARN: Interface name being truncated to *name*

Description	In an IDL file, the interface name was too long for generation of the TUXEDO System/T service name. The interface name length may be 13 minus the number of digits in the major and minor version numbers. The truncated name was printed as *name*.
Action	Change the IDL input file and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1068 ERROR: Cannot find cpp command

Description	While executing the `tidl` program, the C pre-processor program could not be found using the default paths `/lib/cpp`, `/usr/ccs/lib/cpp`, and `/usr/lib/cpp`
Action	Use the -cpp_cmd option to specify the full pathname for the C pre-processor or specify the -no_cpp option to turn off pre-processing, and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1070 ERROR: Failed to run preprocessor *command*

Description	While executing the `tidl` program, execution of the C pre-processor failed.
Action	Check for any earlier error messages, correct the problem, and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1071 ERROR: Failed to find import file *filename*

Description	While executing the `tidl` program, a specified import file, *filename*, could not be found.
Action	Check that the import file name was correct, that it exists, and has read permission, and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1074 ERROR: Can't open file *filename*

Description	While executing the `tidl` program, a specified import file, *filename*, could not be opened for reading.

Action	Check that the import file name was correct, that it exists, and has read permission, and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1075 ERROR: Parse of *filename* failed

Description	While executing the `tidl` program, parsing of the imported file, *filename*, failed.
Action	Correct the syntax error and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1079 ERROR: Failed to open *filename* for writing

Description	While executing the `tidl` program, the header file, *filename*, could not be opened for writing.
Action	Check that the directory exists and has write permission, and if the file exists, it has write permission, and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1081 ERROR: Failed to compile *filename*

Description	While executing the `tidl` program, compilation of a client or server stub failed.
Action	Check the earlier error messages, correct the problem, and re-run the `tidl` program. If necessary, generate the stub source files and compile the object files manually.
See Also	*BEA TUXEDO TxRPC Guide*

1083 ERROR: Failed to open *filename* for writing

Description	While executing the `tidl` program, the client stub file, *filename*, could not be opened for writing.
Action	Check that the directory exists and has write permission, and if the file exists, it has write permission, and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1085 ERROR: Failed to open *filename* for writing

Description	While executing the `tidl` program, the client auxiliary file, *filename*, could not be opened for writing.
Action	Check that the directory exists and has write permission, and if the file exists, it has write permission, and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1087 ERROR: Failed to open *filename* for writing

Description	While executing the `tidl` program, the server stub file, *filename*, could not be opened for writing.
Action	Check that the directory exists and has write permission, and if the file exists, it has write permission, and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1088 WARN: [nocode] operation ignored for server operation *op*

Description	While executing the `tidl` program, a [nocode] attribute was specified for an operation. However, code for all operations are always generated on the server side.
Action	No action required.
See Also	*BEA TUXEDO TxRPC Guide*

1090 ERROR: Failed to open *filename* for writing

Description	While executing the `tidl` program, the server auxiliary file, *filename*, could not be opened for writing.
Action	Check that the directory exists and has write permission, and if the file exists, it has write permission, and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1091 ERROR: Failed to write to *filename* - exiting

Description	While executing the `tidl` program, a write failed on the specified file *filename*.
Action	Check if the disk on which the file is being written is full, and re-run the command.
See Also	*BEA TUXEDO TxRPC Guide*

1092 ERROR: [context_handle] not supported

Description	In an IDL file, a definition includes the [context_handle] attribute. This attribute is not supported. This error was printed if generating source or object files (not for generating the header file). For example,

```
typedef [context_handle]void *t1;
void op1([in]t1 p1);
```

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Action	Change the IDL input file and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1093   WARN: [out_of_line] not supported - ignored

Description	In an ACS file, the [out_of_line] attribute was specified. This feature is not supported.
Action	This attribute affects only the code generation, not the transmission of parameters, and the warning can be ignored.
See Also	*BEA TUXEDO TxRPC Guide*

1094   WARN: [heap] not supported - ignored

Description	In an ACS file, the [heap] attribute was specified. This feature is not supported.
Action	This attribute affects only the code generation, not the transmission of parameters, and the warning can be ignored.
See Also	*BEA TUXEDO TxRPC Guide*

1098   ERROR: Pipe type not supported

Description	In an IDL file, a pipe was defined. Pipes need not be supported in TxRPC IDL-only, and this attribute is not supported. This error was printed if generating source or object files (not for generating the header file). For example,

```
typedef pipe long t1;
```

Action	Change the IDL input file and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

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1100 WARN: Unreachable case label: *labelvalue*

Description   In an IDL file, a union was defined with a case label, *labelvalue*, that cannot be reached because it was not in the range defined by the discriminant. For example,

```
typedef union switch (short discriminant) myunion {
  case 100000:  long u1;  /* warning */
  default: long u2;
  } myunion;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1101 ERROR: [context_handle] identifier must be less than 24 characters in length

Description   In an IDL file, the name of a type or a parameter with the [context_handle] attribute was longer than 23 characters in length. For example,
```
typedef [context_handle]void *t234567890123456789 01234;  /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1102 ERROR: [handle] identifier must be less than 25 characters in length

Description   In an IDL file, the name of a type or a parameter with the [handle] attribute was longer than 24 characters in length. For example,
```
typedef [handle]void *t2345678901234567890 12345; /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1103 ERROR: Variable declarations not supported

Description   In an IDL file, a variable was declared. Only types, constants, and operations can be declared. For example,
```
long l1; /* error */ typedef long l2; /* ok */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1104 ERROR: [transmit_as] identifier must be less than 22 characters in length

Description   In an IDL file, the name of a type with the [transmit_as] attribute was longer than 21 characters in length. For example,
```
typedef [transmit_as(long)] short *t234567890123456789012; /* error
*/
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1105 ERROR: The void * type can only be used for context handles

Description   In an IDL file, a structure or union field, or a parameter had a type of "void *" but does not have the [context_handle] attribute. For example,
```
typedef void *t1;
typedef struct {
  [ptr] void *s1;  /* error */
  t1 s2;  /* error */
  } t2;
  void op1([in]t1 p1);  /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1106 ERROR: [context_handle] may only be specified for void * parameter

Description	In an IDL file, a parameter had a [context_handle] attribute but the base data type had more than one pointer to a void. For example,

```
typedef void **t1;
void op1([in,context_handle]t1 p1);  /* error */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1107 ERROR: The void type can only be used for context handles and operation return

Description	In an IDL file, a structure or union field, or a parameter had a "void" data type but does not have a [context_handle] attribute. For example,

```
typedef void t1;
typedef struct {
  void s1;  /* error */
  t1 s2;  /* error */
  } t2;
  void op1([in]t1 p1);  /* error */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1108 ERROR: Pointers to context handles valid only on parameters

Description	In an IDL file, a structure or union field, or a type definition had a pointer to a type with the [context_handle] attribute. For example,

```
typedef [context_handle]void *t1;
typedef t1 *t2;  /* error */
typedef struct {
  [context_handle]void **s1;  /* error */
  [context_handle]t3 s1;  /* error */
} t4;
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1109 ERROR: Functions or function pointers are not valid in conformant arrays

Description	In an IDL file, a conformant array (with at least one open bound) of function pointers or functions was defined. For example,

```
typedef long (*t1)(void); typedef t1 t2[];   /error */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1110 ERROR: Array function return and function arrays not allowed

Description	In an IDL file, an array of functions or a function returning an array was defined. For example,

```
typedef long (t1)(void);
typedef long (t2)(void)[3]; /* error */
typedef t1 t3[3]; /* error */
typedef long (t2)[3](void); /* error */
```

Action	Try returning a structure that contains the array. Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1111 ERROR: Cannot have a pointer to a varying array

Description	In an IDL file, a pointer to a varying array (an array with one or more varying dimensions defined by first_is, length_is, or last_is) was defined. For example,

```
typedef struct {
  long length;
  [length_is(length)]long (*s1)[10]; /* error */
  } t1;
void op1([in]long length,
  [in,length_is(length)]long (*p2)[10]);
  /* error */
```

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Action	Try using a pointer to the structure containing the varying array. Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1112 ERROR: Cannot have [string] attribute for varying array

Description	In an IDL file, a varying array (an array with one or more varying dimensions defined by first_is, length_is, or last_is) had the [string] attribute. Since the length of the value is determined at run-time by the non-NULL length of string, the varying attributes are not allowed. For example,

```
typedef [string]char str[10];
typedef struct {
  long length;
  [length_is(length)]str s1; /* error */
  } t1;
  void op1([in]long length, [in,length_is(length)]str p2); /* error */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1113 ERROR: [transmit_as] cannot be specified for pipe types

Description	In an IDL file, a type definition had the [transmit_as] attribute but the data type was a "pipe". For example,

```
typedef pipe long t1;
typedef [transmit_as(long)]t1 t2; /* error */
typedef [transmit_as(long)]pipe long t3; /* error */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1114 ERROR: [transmit_as] cannot be specified for conformant arrays or structures, or varying arrays

Description	In an IDL file, a type definition had the [transmit_as] attribute but the data type was a conformant array, conformant structure, or varying array. For example,

```
typedef long t1[];
typedef struct {
  long max;
  [max_is(max)]t1 s1;
}t2;
typedef [transmit_as(long)]t1 t3; /* error */
typedef [transmit_as(long)]t2 t4; /* error */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1115 ERROR: [transmit_as] cannot be specified for types used as the base type in a pipe definition

Description	In an IDL file, a type definition had the [transmit_as] attribute but the data type was a typed used in a "pipe" type definition. For example,

```
typedef long pipebase;
typedef pipe pipebase t1;
typedef [transmit_as(long)]pipebase t3; /* error */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1116 ERROR: [transmit_as] cannot be specified for [context_handle] attribute

Description	In an IDL file, a type definition had the [transmit_as] attribute but the data type had the [context_handle] attribute. For example,

```
typedef [context_handle] void *ch_t;
typedef [transmit_as(long)]ch_t t2; /* error */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1117 ERROR: The base type for a pipe cannot be a conformant type

Description	In an IDL file, a type definition for a pipe had a base data type that was a conformant array or structure. For example,

```
typedef long t1[];
typedef struct {
  long max;
  [max_is(max)]long s1[];
}t2;
typedef pipe t1 t3; /* error */
typedef pipe t2 t4; /* error */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1118 ERROR: The base type for a pipe cannot be the [context_handle] attribute

Description	In an IDL file, a type definition for a pipe had a base data type that was a context handle. For example,

```
typedef [context_handle]void *ch_t;
typedef pipe ch_t t1; /* error */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1119 ERROR: The base type for a pipe cannot be the handle_t type

Description	In an IDL file, a type definition for a pipe had a base data type that was a handle_t type. For example,

```
typedef handle_t handle;
typedef pipe handle t1; /* error */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1120 ERROR: The base type for a pipe cannot be the pipe type

Description	In an IDL file, a type definition for a pipe had a base data type that was itself a pipe type. For example,

```
typedef pipe long pipe_t;
typedef pipe pipe_t t1; /* error */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1121 ERROR: The base type for a pipe cannot be or contain a pointer

Description	In an IDL file, a type definition for a pipe had a base data type that was or contained a pointer. For example,

```
typedef long *longp; /* error */
typedef struct {
  [ref]long *s1;
} t2;
typedef pipe longp t3; /* error */
typedef pipe t2 t4; /* error */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1122 ERROR: Handle parameter not allowed in function pointer

Description	In an IDL file, a type definition for a function pointer contained a handle_t parameter. For example,

```
typedef void (*t1)([in]handle_t p1); /* error */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1123 ERROR: Pipe identifier must be less than 30 characters in length

Description	In an IDL file, the name of a type in a pipe type definition was longer than 29 characters in length. For example,

```
typedef pipe short t23456789012345678901234567890;  /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1124 ERROR: Operation return cannot be a pipe

Description   In an IDL file, an operation return type was of type pipe. For example,
```
typedef pipe short t1; t1 op1(void); /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1125 ERROR: Pointers to pipes valid only on parameters

Description   In an IDL file, a structure or union field, or a function return had a pointer to a pipe type. This is only allowed for parameters. For example,
```
typedef pipe short *t1;
typedef struct {
  t1 s1; /* error */
} t2;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1126 ERROR: [ptr] attribute not valid on pipe parameters

Description   In an IDL file, a type definition for a pipe contained the [ptr] attribute. For example,
```
typedef [ptr]pipe short *t1;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1127 WARN: [switch_is] specified for non-union type - ignored

Description   In an IDL file, a [switch_is()] attribute was specified for a parameter or a structure field with a data type that was not a union. This attribute was ignored and processing continued. For example,
```
typedef struct {
 long s1;
} t1;
void op1([in]long p1, [switch_is(p1),in]t1 p2); /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1128 WARN: [switch_type] specified for non-union type - ignored

Description   In an IDL file, a type definition contained a [switch_type()] attribute for a type that was not a union. For example,
```
typedef [switch_type (long) ] long t1; /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1129 ERROR: [switch_is] must be specified for non-encapsulated union

Description   In an IDL file, a non-encapsulated union parameter or structure field does not have a [switch_is()] attribute. For example,
```
typedef [switch_type (long) ] union {
  [case (1,3)] float u1;
  [case (2)] short u2;
  [default] ;
typedef struct {
  t1 s1; /* error */
} t2;
void op1([in]t1 p1); /* error */
void op2([in,switch_is(p2)]t1 p1, [in]long p2); /* correct */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1130 ERROR: [switch_type] must be specified for non-encapsulated union

Description   In an IDL file, a type definition for a non-encapsulated union does not contain a [switch_type()] attribute. For example,

```
typedef union { /* error */
  [case (1,3)] float u1;
  [case (2)] short u2;
  [default] ;
} t1;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1131 ERROR: Tag redeclared - *tagvalue*

Description   In an IDL file, a structure or union tag was redeclared (e.g., a structure or union tag was declared twice, a structure tag was re-declared as a union tag, or an encapsulated union tag was re-declared as a non-encapsulated union). For example,

```
typedef struct s1 {
  long e1;
} t1;
typedef struct s1 { /* error */
  long e1;
} t2;
typedef union s1 switch (long discriminant) { /* error */
  case 0: long e1;
} t3;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1132 ERROR: Type *typeval* not defined

Description   In an IDL file, a type was used that had not been previously defined. For example,

```
typedef t1 t2; /* error - t1 not defined */
typedef struct {
  t1 s1; /* error */
} t3;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1133 ERROR: Duplicate *attr_val* attribute

Description   In an IDL file, an attribute value, *attr_val*, was specified more than once for a single type, field, or parameter. For example,

```
typedef [ptr,ptr]long *t1; /* error */
typedef struct {
  [string,string]char *s1; /* error */
} t2;
void op1([in,in]long p1); /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1134 ERROR: Can't specify [context_handle] with [transmit_as]

Description   In an IDL file, a type definition with the [transmit_as] attribute contains a [context_handle] attribute. For example,

```
typedef [context_handle,transmit_as(long)]void *t1;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1135 ERROR: Can't specify [min_is] with [string]

Description   In an IDL file, the [min_is] and [string] attributes were defined for the same field or parameter. For example,

```
void op1([in,min_is(min),string]char p1[*..*], [in]long min); /*
error */
```

Action   Try removing the [min_is()] attribute. Change the IDL input file and re-run the tidl program.

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1136 ERROR: Can't specify [max_is] with [size_is]

Description   In an IDL file, the [max_is] and [size_is] attributes were defined for the same field or parameter. For example,
```
void op1([in,max_is(p2),size_is(p2)]char p1[], [in]long p2); /*
error */
```
Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1137 WARN: Pointed-to type name *name* must be less than 29 characters in length

Description   In an IDL file, a type name that has a pointer reference has a name longer than 28 characters in length. This may cause the compilation to fail since the generated function names for marshalling the type may not be unique.

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1138 ERROR: Can't specify [first_is] with [string]

Description   In an IDL file, the [first_is] and [string] attributes were defined for the same field or parameter. For example,
```
void op1([in,first_is(p2),string]char p1[10], [in]long p2); /* error
*/
```
Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1139 ERROR: Can't specify [last_is] with [length_is]

Description   In an IDL file, the [last_is] and [length_is] attributes were defined for the same field or parameter. For example,
```
void op1([in,last_is(p2),length_is(p2)]char p1[10], [in]long p2); /*
error */
```
Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1140 ERROR: Can't specify [string] with [length_is] or [last_is]

Description   In an IDL file, the [first_is] and [string] attributes were defined for the same field or parameter. For example,
```
void op1([in,length_is(p2),string]char p1[10], [in]long p2); /*
error */
```
Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1143 ERROR: More than one pointer attribute specified

Description   In an IDL file, the [ptr] and [ref] attributes were defined for the same type definition, field or parameter. For example,
```
void op1([in,ptr,ref]char *p1); /* error */
```
Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1146 ERROR: Both [code] and [nocode] specified

Description   In an ACS file, the [code] and [nocode] attributes were defined for the same interface or operation. For example,
```
[nocode,code]op1(); /* error */
```
Action   Change the ACS input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1148 ERROR: Both [in_line] and [out_of_line] specified

Description   In an ACS file, the [in_line] and [out_of_line] attributes were defined for the same type definition or interface. For example,
```
[in_line,out_of_line]type t1; /* error */
```

Action   Change the ACS input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1151 ERROR: Can't specify both [transaction_mandatory] and [transaction_optional]

Description   In an IDL file, the [transaction_mandatory] and [transaction_optional] attributes were defined for the same interface or operation. For example,

```
[transaction_mandatory,transaction_optional] void op1(void); /*
error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1152 ERROR: Array elements cannot be conformant structures or arrays

Description   In an IDL file, an array was defined whose elements are either a conformant structure or a conformant array. For example,

```
typedef struct {
  long e1;
  [max_is(e1)]long conf[];
} confstruct;
void op([in,max_is(p2)]confstruct *p1, [in]long p2);
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1153 ERROR: Non-integer array bound

Description   In an IDL file, the lower bound (or size if only a single bound was specified) for an array dimension was not an integer or a type whose derived type was an integer. Integer types must be (unsigned) long, short, and small. For example,

```
const char *size = "abc";
typedef char t1[size]; /* error */
typedef char t2[size..3]; /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1154 ERROR: Non-zero lower bound not supported in C

Description   In an IDL file, the lower bound for an array dimension was not 0 or was an open lower bound. For example,

```
typedef char t1[+1..2]; /* error */
typedef char t2[*..2]; /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1155 ERROR: Non-integer array bound

Description   In an IDL file, the upper bound for an array dimension was not an integer or a type whose derived type was an integer. Integer types must be (unsigned) long, short, and small. For example,

```
const char *size = "abc";
typedef char t2[0..size]; /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1156 ERROR: Upper bound must be greater than lower bound

Description   In an IDL file, the lower bound was greater than the upper bound for an array dimension. For example,

```
typedef char t1[0..-4]; /* error */
typedef char t1[-4]; /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1157 ERROR: *sizetype* value *'var'* must be type long, short, or small

Description In an IDL file, the parameter name or field name *var* used to specify the array size for a conformant or varying array was not of type long, short, or small. *sizetype* may be one of [first_is()], [last_is()], [length_is()], [min_is()], [max_is()], or [size_is()]. For example,

```
void op1([in,first_is(p2)]char p1[10], [in]char p2); /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1158 ERROR: *sizetype* value *'var'* must not be declared as a pointer

Description In an IDL file, the parameter name or field name *var* used to specify the array size for a conformant or varying array was declared as a pointer in the attribute but not in its definition. *sizetype* may be one of [first_is()], [last_is()], [length_is()], [min_is()], [max_is()], or [size_is()]. For example,

```
void op1([in,first_is(*p2)]char p1[10], [in]long p2); /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1159 ERROR: *sizetype* value *'var'* must be declared as a pointer

Description In an IDL file, the parameter name or field name *var* used to specify the array size for a conformant or varying array was not declared as a pointer in the attribute but was a pointer in its definition. *sizetype* may be one of [first_is()], [last_is()], [length_is()], [min_is()], [max_is()], or [size_is()]. For example,

```
void op1([in,first_is(p2)]char p1[10], [in]long *p2); /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1160 ERROR: *sizetype* value *'var'* must not have [ptr] attribute

Description In an IDL file, the parameter name or field name *var* used to specify the array size for a conformant or varying array had the [ptr] attribute in its definition. *sizetype* may be one of [first_is()], [last_is()], [length_is()], [min_is()], [max_is()], or [size_is()]. For example,

```
void op1([in,out,first_is(*p2)]char p1[10], [in,out,ptr]long *p2); /
* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1161 ERROR: *sizetype* parameter *'var'* must have [in] attribute

Description In an IDL file, the parameter name or field name *var* used to specify the array size for a conformant or varying array does not have the [in] attribute in its definition, but the array itself had the [in] attribute. *sizetype* may be one of [first_is()], [last_is()], [length_is()], [min_is()], [max_is()], or [size_is()]. For example,

```
void op1([in,out,first_is(*p2)]char p1[10], [out]long *p2); /* error
*/
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1162 ERROR: Array elements cannot be conformant structures or arrays

Description In an IDL file, an array of conformant structures or conformant arrays was defined.

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1163 ERROR: *sizetype* value *'var'* not defined

Description   In an IDL file, the parameter name or field name *var* used to specify the array size for a conform-
ant or varying array was not defined. *sizetype* may be one of [first_is()], [last_is()], [length_is()],
[min_is()], [max_is()], or [size_is()]. For example,

```
typedef struct {
  long s1;
  [max_is(wrong)]long s2[]; /* error */
}t1;
void op1([in,out,first_is(*wrong2)]char p1[10], [out]long *p2);
/* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1164   ERROR: Array elements cannot be conformant structures or arrays

Description   In an IDL file, an array of conformant structures or conformant arrays was defined. For example,

```
typedef long conf[]; /* conformant array */ typedef struct {
  long s1;
  [max_is(s1)]conf s2; /* conformant struct */
} confstruct;
typedef conf t3[10]; /* error */
typedef conf t4[10]; /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1165   ERROR: Array elements cannot be type pipe

Description   In an IDL file, an array of pipes was defined. For example,

```
typedef pipe long pipe_t;
typedef pipe_t t2[10]; /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1166   ERROR: Array elements cannot be type handle_t

Description   In an IDL file, an array of handle_t types was defined. For example,

```
typedef handle_t t2[10]; /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1167   ERROR: Cannot have a pointer to a conformant array

Description   In an IDL file, a pointer to a conformant array was defined. If necessary, use a pointer to a struc-
ture with a conformant array. For example,

```
typedef long conf[]; /* conformant array */
typedef struct {
  long max;
  [max_is(max)]conf s1; /* conformant struct */
} t1;
void op([in, max_is(max)]conf *p1, [in]long max); /* error */
void op2([in]t1 *p1); /* correct */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1168   ERROR: Array elements cannot be or have [context_handle] attribute

Description   In an IDL file, an array was defined with elements that have the [context_handle] attribute. For
example,

```
typedef [context_handle] void *ch_t;
typedef ch_t array[10]; /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1169   ERROR: Missing [min_is()] value for *var*

Description	In an IDL file, a conformant array *var*, was missing one or more [min_is()] attribute variables. One [min_is()] attribute variable is needed for each array dimension where the lower bound is open. For example,

```
void op1([in,min_is(p2)]char p1[*..1][*..2],[in]long p2); /*error*/
void op2([in,min_is(p2,p2)]char p1[*..1][*..2],[in]long p2); /*cor-
rect*/
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1170   ERROR: Cannot have [min_is()] value for dimension *dim*

Description	In an IDL file, a conformant array had a [min_is()] attribute variable for an array dimension that was fixed (i.e., not open). For example,

```
void op1([in,min_is(p2,p2)]char p1[1][*..2], [in]long p2); /* error
*/
void op2([in,min_is(,p2)]char p1[1][*..2], [in]long p2); /* correct
*/
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1171   ERROR: Missing [max_is()] or [size_is()] value for '*var*'

Description	In an IDL file, a conformant array *var*, was missing one or more [max_is()] or [size_is()] attribute variables. One [max_is()] or [size_is()] attribute variable is needed for each array dimension where the upper bound is open. For example,

```
void op1([in,max_is(p2)]char p1[][], [in]long p2); /* error */
void op2([in,max_is(p2,p2)]char p1[][], [in]long p2); /* correct */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1172   ERROR: Cannot have [max_is()] or [size_is()] value for dimension *var*

Description	In an IDL file, a conformant array had a [max_is()] or [size_is()] attribute variable for an array dimension that was fixed (i.e., not open). For example,

```
void op1([in,max_is(p2,p2)]char p1[1][2], [in]long p2); /* error */
void op1([in,max_is(,p2)]char p1[1][], [in]long p2); /* correct */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1173   ERROR: Too many [min_is()] values specified

Description	In an IDL file, a structure field or parameter was defined with too many [min_is()] attribute variables. One [min_is()] attribute variable is needed for each array dimension where the lower bound is open. This error also occurs when defining the [min_is()] attribute for a variable that was not an array. For example,

```
void op1([in,min_is(p2,p2)]char p1[*..1], [in]long p2); /* error */
void op2([in,min_is(p2)]char p1[*..1], [in]long p2); /* correct */
void op3([in,min_is(p2)]char p1, [in]long p2); /* error */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1174   ERROR: Too many [max_is()] values specified

Description	In an IDL file, a structure field or parameter was defined with too many [max_is()] attribute variables. One [max_is()] attribute variable is needed for each array dimension where the upper bound is open. This error also occurs when defining the [max_is()] attribute for a variable that was not an array or a pointer treated as an array. For example,

```
void op1([in,max_is(p2,p2)]char p1[], [in]long p2); /* error */
void op1([in,max_is(p2)]char p1[], [in]long p2); /* correct */
void op1([in,max_is(p2)]char *p1[], [in]long p2); /* correct */
void op1([in,max_is(p2)]char p1, [in]long p2); /* error */
```

Action	Change the IDL input file and re-run the tidl program.
See Also	*BEA TUXEDO TxRPC Guide*

1175 ERROR: Too many [size_is()] values specified

    Description   In an IDL file, a structure field or parameter was defined with too many [size_is()] attribute variables. One [size_is()] attribute variable is needed for each array dimension where the upper bound is open. This error also occurs when defining the [size_is()] attribute for a variable that was not an array or a pointer treated as an array. For example,

```
void op1([in,size_is(p2,p2)]char p1[], [in]long p2); /* error */
void op2([in,size_is(p2)]char p1[], [in]long p2); /* correct */
void op3([in,size_is(p2)]char *p1, [in]long p2); /* correct */
void op4([in,size_is(p2)]char p1, [in]long p2); /* error */
```

    Action   Change the IDL input file and re-run the tidl program.

    See Also   *BEA TUXEDO TxRPC Guide*

1176 ERROR: Too many [length_is()] values specified

    Description   In an IDL file, a structure field or parameter was defined with too many [length_is()] attribute variables. One [length_is()] attribute variable can be specified for each array dimension. This error can also occur when a pointer was intended to be treated as an array (using [size_is()] or [max_is()]) but the array size was missing, or if the defined type was not an array. For example,

```
void op1([in,length_is(p2,p2)]char p1[10], [in]long p2); /* error */
void op2([in,length_is(p2)]char p1[10], [in]long p2); /* correct */
void op3([in,length_is(p2)]char *p1, [in]long p2); /* error */
void op4([in,length_is(p2)]char p1, [in]long p2); /* error */
```

    Action   Change the IDL input file and re-run the tidl program.

    See Also   *BEA TUXEDO TxRPC Guide*

1177 ERROR: Too many [last_is()] values specified

    Description   In an IDL file, a structure field or parameter was defined with too many [last_is()] attribute variables. One [last_is()] attribute variable can be specified for each array dimension. This error can also occur when a pointer was intended to be treated as an array (using [size_is()] or [max_is()]) but the array size was missing, or if the defined type was not an array. For example,

```
void op1([in,last_is(p2,p2)]char p1[10], [in]long p2); /* error */
void op2([in,last_is(p2)]char p1[10], [in]long p2); /* correct */
void op3([in,last_is(p2)]char *p1, [in]long p2); /* error */
void op4([in,last_is(p2)]char p1, [in]long p2); /* error */
```

    Action   Change the IDL input file and re-run the tidl program.

    See Also   *BEA TUXEDO TxRPC Guide*

1178 ERROR: Too many [first_is()] values specified

    Description   In an IDL file, a structure field or parameter was defined with too many [first_is()] attribute variables. One [first_is()] attribute variable can be specified for each array dimension. This error can also occur when a pointer was intended to be treated as an array (using [size_is()] or [max_is()]) but the array size was missing, or if the defined type was not an array. For example,

```
void op1([in,first_is(p2,p2)]char p1[10], [in]long p2); /* error */
void op2([in,first_is(p2)]char p1[10], [in]long p2); /* correct */
void op3([in,first_is(p2)]char *p1, [in]long p2); /* error */
void op4([in,first_is(p2)]char p1, [in]long p2); /* error */
```

    Action   Change the IDL input file and re-run the tidl program.

    See Also   *BEA TUXEDO TxRPC Guide*

1180 ERROR: [string] attribute valid only for one-dimensional char, byte, or byte structure

Description   In an IDL file, the [string] attribute was specified for a data type that was not a one-dimensional array of characters or bytes (or a pointer treated as a one-dimensional array), or a simple structure that contains only byte fields. For example,

```
typedef [string]struct {
struct {
  byte s1; /* error */
  } s1;
} t1;
typedef [string,ref] char *t2[10]; /* error */
typedef [string,ref] char *t3; /* correct */
typedef [string] char t4[10]; /* correct */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1181 ERROR: Pointers to handle_t type are allowed only for parameters

Description   In an IDL file, pointer to a handle_t type was defined in a type or field definition; this is allowed only for parameters. For example,

```
typedef [ref]handle_t *handlep_t; /* error */
void op1([in,ref]handle_t *p1); /*correct */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1182 ERROR: [context_handle] may not have [ptr] attribute

Description   In an IDL file, a context handle parameter was defined with the [ptr] pointer attribute. For example,

```
typedef [context_handle] void *ch_t;
void op1([in,ptr]ch_t **t1); /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1183 ERROR: [ignore] attribute may only be specified for pointers

Description   In an IDL file, an [ignore] attribute was specified for a structure field that was not a pointer. For example,

```
typedef struct {
 [ignore]long l; /* error */
 } t1;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1184 ERROR: [context_handle] may only be specified for void * parameter

Description   In an IDL file, a structure field or parameter was defined with the [context_handle] attribute but the data type was not "void *". For example,

```
typedef struct {
 [context_handle]long p1; /* error */
} t1;
void op1([context_handle,in]long p1); /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1185 ERROR: Pointer attribute can only be specified for array parameters or pointer types

Description   In an IDL file, a type or field definition contained a [ref] or [ptr] pointer attribute but the definition did not contain an explicit pointer (i.e., "*"). This error occurs for a parameter definition that was not an array or explicit pointer. Note that this error also occurs when specifying a pointer attribute on a "void *" data type. For example,

```
typedef [ref]long t1; /* error */
typedef [context_handle,ptr] void *ch_t; /* error */
typedef struct {
  [ref]long s1; /* error */
} t3;
```

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Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1186   ERROR: [out] parameter must be passed by reference

Description   In an IDL file, a parameter was defined with the [out] attribute but does not have an explicit pointer ("*") and was not an array. For example,

```
void op1([out]long p1); /* error */
void op1([out]long *p1); /* correct */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1187   ERROR: Pointer attribute not defined for *'var'*

Description   In an IDL file, a structure or union field or typedef contained a pointer without a pointer attribute, or a field, type, or parameter had more than one pointer and the [pointer_default()] attribute was not set. For example,

```
typedef long *t1; /* error */
typedef struct {
  long *s1; /* error */
}t2;
void op1([in]long **p1); /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1188   ERROR: [out, ptr] not allowed - [in] attribute needed

Description   In an IDL file, a parameter was defined with the [out] and [ptr] attributes but not the [in] attribute. For example,

```
void op1([out,ptr]long *p1); /* error */
```

Action   Either add the [in] attribute or change the [ptr] attribute to [ref]. Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1189   ERROR: An [out] conformant [string] must have [max_is] or [size_is]

Description   In an IDL file, a [string] parameter was defined as [out] but was not defined as a fixed array nor does it not have the [max_is] or [size_is] attributes. This combination makes it impossible to determine the size of the string to allocate in the server stub. For example,

```
void op1([out,string]char *p1); /* error */
void op2([out,string]char p1[10]); /* correct */
void op3([out,string,max_is(p2)]char *p1, [in]long p2); /* correct
*/
```

Action   Either make the variable a fixed array (which will still be variable in length based on where the NULL occurs), or specify the [max_is()] or [size_is()] attribute. Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1190   ERROR: An [out] conformant array must be a top-level parameter or under a full pointer

Description   In an IDL file, a conformant array was defined in an [out,ref] parameter. It must either were defined as a top-level [out] parameter, or under a full pointer ([ptr]). For example,

```
typedef long conf[];
typedef struct {
  long s1;
  [max_is(s1)]conf s2;
} t2;
typedef struct {
  long s1;
  [ptr,max_is(s1)]long *s2; /* full pointer */
} t3;
void op1([out,ref]t2 *p1); /* error */
void op2([in,out,ptr]t2 *p1); /* correct */
void op3([out,max_is(p2)]conf p1, [in]long p2);
/* correct */
void op4([out]t3 *p1); /* correct */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1192 ERROR: Identifier redeclared - *var*

Description   In an IDL file, a duplicate name was used for a typedef, constant, or enumeration value name, or an operation name. These names are all in the same name space and must be unique. For example,

```
typedef long t1;
typedef long t1; /* error */
typedef enum { t1 } t1; /* two errors */
const long t1 = 1; /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1193 WARN: [ignore] attribute not allowed on union arm - ignored

Description   In an IDL file, the [ignore] attribute was specified for a union arm. The attribute was ignored and processing continued. For example,

```
typedef union switch (short u1) {
  case 0: ;
  case 1: [ignore,ptr]long *l; /* error */
} t1;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1194 ERROR: Context handles may not be members of a union

Description   In an IDL file, a union arm was defined to be a context handle. For example,

```
typedef union switch (short u1) {
  case 0: ;
  case 1: [context_handle]void *handle; /* error */
} t1;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1195 ERROR: Conformant arrays may not be members of a union

Description   In an IDL file, a union arm was defined to be a conformant structure or array. For example,

```
typedef struct {
  long s1;
  [max_is(s1)]long s2[]; /* conformant structure */
} t1;
typedef union switch (short u1) {
  case 0: ;
  case 1: t1 u2; /* error */
  case 2: long u3[]; /* error */
} t2;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1196   ERROR: Function pointers may not be members of a union

Description   In an IDL file, a union arm was defined to be a function pointer. For example,

```
typedef union switch (short u1) {
  case 0: ;
  case 1: [ptr]long (*u2)(void); /* error */
} t1;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1197   ERROR: Pipes may not be members of a union

Description   In an IDL file, a union arm was defined to be a pipe or a type derived from a pipe. For example,

```
typedef pipe long pipe_t;
typedef union switch (short u1) {
  case 0: ;
  case 1: pipe_t u2; /* error */
} t2;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1198   ERROR: handle_t values may not be members of a union

Description   In an IDL file, a union arm was defined to be a handle_t type. For example,

```
typedef union switch (short u1) {
  case 0: ;
  case 1: handle_t u2; /* error */
} t2;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

_____

1200 ERROR: Duplicate union arm name '*var*'

Description   In an IDL file, a union had more than one element with the same name. For example,

```
typedef union switch (short u1) {
  case 0: ;
  case 1: long u1;
  case 2: short u1; /* error */
} t2;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1201 ERROR: Duplicate default case in union

Description   In an IDL file, a union was defined with more than one default case. For example,

```
typedef union switch (short u1) {
  case 0: ;
  default: long u1;
  default: short u2; /* error */
} t2;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1202 ERROR: Duplicate case value *var*

Description   In an IDL file, a union was defined with more than one case having the same discriminant value.
The duplicate value, *val*, was printed. Note that a value can be hidden in a constant definition or
enumeration. For example,

```
const short val1 = 1;
typedef union switch (short u0) {
  case 0: ;
  case 1: long u1;
  case val1: short u2; /* error */
} t2;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1203 ERROR: Function parameters must have the [in] attribute

Description   In an IDL file, a function pointer was used as a parameter that had the [out] attribute. For example,

```
typedef [ptr]void (*op1)([in]long p1);
void op2([out]op1 *p1); /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1204 ERROR: Binding [handle] parameter must have [in] or [in,out] attribute

Description   In an IDL file, a parameter with the [handle] attribute, appearing as the first parameter (a binding
handle), did not have the [in] or [in,out] attribute. For example,

```
typedef [handle] long myhandle;
void op1([out]myhandle *handle); /* error */
void op2([in,out]myhandle *handle); /* correct */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1205 ERROR: Binding handle_t parameter must have [in] attribute

Description In an IDL file, a parameter with the handle_t type, appearing as the first parameter (a binding handle), did not have the [in] attribute ([out] cannot be specified). For example,

```
typedef handle_t myhandle;
void op1([out]myhandle *handle); /* error */
void op2([in]myhandle handle); /* correct */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1206 ERROR: Binding handle parameter cannot have [ptr] attribute

Description In an IDL file, a parameter with the [handle] attribute or handle_t type, appearing as the first parameter (a binding handle), had the [ptr] attribute. For example,

```
typedef [handle] long myhandle;
typedef handle_t myhandle2;
void op1([in,ptr]myhandle *handle); /* error */
void op2([in,ptr]myhandle2 *handle); /* error */
void op3([in,ref]myhandle *handle); /* correct */
void op4([in,ref]myhandle *handle); /* correct */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1207 ERROR: handle_t as first parameter cannot have [transmit_as()] attribute

Description In an IDL file, a parameter with the handle_t type, appearing as the first parameter (a binding handle), had the [transmit_as()] attribute. For example,

```
typedef [transmit_as(long)]handle_t myhandle; void
op1([in,ref]myhandle *handle); /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1208 ERROR: handle_t type must be first parameter

Description In an IDL file, a parameter with the handle_t data type was not the first parameter. For example,

```
void op1([in]long p1, [in,ref]handle_t *handle); /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1209 ERROR: Duplicate parameter name *var*

Description In an IDL file, an operation was defined with multiple parameters with the same name. For example,

```
void op1([in]long p1, [in]long p1); /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1210 WARN: Parameter name *val* differs from existing parameter in case only

Description In an IDL file, an operation was defined with multiple parameters with names that differ only in case. This warning was generated only when tidl was run with the "-port case" option.

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1211 ERROR: Struct *name* not defined

Description In an IDL file, a structure name (tag) was defined or used without members and was never completely defined within the file. For example,

```
typedef struct t1 t1;
typedef struct t2 {
  struct t3 *s1;
} t2;
/* error if struct t1 never defined */
/* error if struct t3 never defined */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1212 ERROR: Union *name* not defined

Description   In an IDL file, a union name (tag) was defined or used without elements and was never completely defined within the file. For example,

```
typedef union t1 t1;
typedef struct t2 {
  union t3 *s1;
} t2;
/* error if union t1 never defined */
/* error if union t3 never defined */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1213 ERROR: handle_t type not known

Description   While compiling an IDL file, tidl was unable to find the description of the handle_t type. This indicates a problem with the tbase.idl file which was installed under $TUXDIR/include/rpc/tbase.idl.

Action   Check that TUXDIR was set correctly and tbase.idl installed, and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1214 ERROR: Interface name must be less than *len* characters in length

Description   In an IDL file, the interface name was too long. The interface name may be the smaller of 17 characters, or 19 minus the number of digits in the major and minor version numbers. The maximum length for the interface name based on the length of the version number was printed in *len*. For example,

```
[uuid(7E291480-A2B0+110F-89E9-930269220000), version(20.20)] inter-
face t2345678901234567 /* error - must be  16 */
```

This was a fatal error. Note that message 1067 indicates a warning of further truncation during code generation, due to implementation limitations. The limitation is 13 minus the number of digits in the major and minor version numbers (6 characters smaller).

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1216 ERROR: Type for constant *'name'* doesn't agree with expression

Description   In an IDL file, a constant definition type does not match the type of the constant expression. For example,

```
const long c1 = "abc"; /* error */
const boolean c2 = 'a'; /* error */
const char c3 = TRUE; /* error */
const char *c4 = 3; /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1217 ERROR: Value is too big for unsigned short *name*

Description   In an IDL file, an unsigned short constant was defined whose expression value is too large (less than 0 or greater than 65535). For example,

```
const unsigned short c = 400000; /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1218 ERROR: Value is too big for short *name*

Description   In an IDL file, a short constant was defined whose expression value is too large (less than -32768 or greater than 32767). For example,

```
const short c = 400000; /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1219 ERROR: Value is too big for unsigned small *name*

Description In an IDL file, an unsigned small constant was defined whose expression value is too large (less than 0 or greater than 255). For example,

```
const unsigned small c = 257; /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1220 ERROR: Value is too big for small *name*

Description In an IDL file, a small constant was defined whose expression value is too large (less than +128 or greater than 127). For example,

```
const small c = 128; /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1221 ERROR: Operation that returns a pointer cannot have [ref] attribute

Description In an IDL file, an operation was defined that returns a pointer and had the [ref] attribute. If the pointer attribute was not specified, it correctly defaults to [ptr]. For example,

```
[string,ref]char *rstrcat([in,string]char *p1, /* error */
  [in,string]char *p2);
[string]char *rstrcat([in,string]char *p1,
  [in,string]char *p2); /* ok */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1222 ERROR: Can't define anonymous structure or union in operation return

Description In an IDL file, a structure or union was defined as an operation return (that had not been previously defined) but a tag was not specified. The definition must have a structure or union tag. For example,

```
struct {long s1;} op1(void); /* error */
struct struct1 {long s1;} op2(void); /* correct */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1223 ERROR: Conformant structure must be passed by reference

Description In an IDL file, an operation was defined with a conformant structure parameter that does not have an explicit pointer. Conformant structure parameters must have a pointer. For example,

```
typedef struct {
  long s1;
  [max_is(s1)]long s2[];
}t1;
void op1([in]t1 p1); /* error */
void op2([in]t1 *p1); /* ok */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1224 ERROR: Name *name* redeclared

Description In an IDL file, an operation was defined with the same name as a typedef, constant, or enumeration value name, or another operation name. These names are all in the same name space and must be unique. For example,

```
typedef struct {
  long s1;
}t1;
void t1(void); /* error */
const long t2 = 3;
void t2(void); /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1225 WARN: Name *name* differs from existing type in case only

Description In an IDL file, an operation was defined with the a name that differs only in case from a typedef or constant name. This warning was generate only if the "-port case" option was specified. For example,

```
typedef struct {
  long s1;
}T1;
void t1(void); /* warning */
const long t2 = 3;
void T2(void); /* warning */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1226 ERROR: Duplicate function name *name*

Description In an IDL file, an operation was defined with the same name as another operation. For example,

```
void t1(void); void t1(void); /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1227 WARN: Function name *name* differs from existing function in case only

Description In an IDL file, an operation was defined with a name that differs only in case from another operation. For example,

```
void t1(void); void T1(void); /* warning */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1228 ERROR: Can't define anonymous structure or union in operation prototype

Description In an IDL file, a structure or union was defined as a parameter (that had not been previously defined) but a tag was not specified. The definition must have a structure or union tag. For example,

```
void t1([in]struct {long s1;} p1); /* error */ void t2([in]struct
struct1 {long s1;} p1); /* correct */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1229 ERROR: Incomplete structure/union

Description In an IDL file, a structure or union reference was specified before the associated structure or union had been completely defined. In this situation, only a pointer to the incomplete structure or union can be defined. This is most often used for self-referencing data structures; remember in this case to use the [ptr] attribute so the last pointer on the chain can be NULL. For example,

```
typedef struct t1 {
  struct t1 s1; /* error */
} t1;
typedef struct t2 {
  [ptr]struct t2 *s1; /* correct */
} t2;
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1230 ERROR: Parameter must have [in] attribute, [out] attribute, or both

Description In an IDL file, a parameter is defined without a directional attribute. For example,

```
void op1(long p1); /* error */
void op2([in]long p1); /* correct */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1231 ERROR: error_status_t type not known

Description While compiling an IDL file, tidl was unable to find the description of the error_status_t type. This indicates a problem with the tbase.idl file which was installed under $TUXDIR/include/rpc/tbase.idl.

Action Check that TUXDIR was set correctly and tbase.idl installed, and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1232 ERROR: Parameter *name* not found for operation *op*

Description In an ACS file, a parameter, *name*, specified for an operation, *op*, was not found in the associated IDL file. Often, this indicates simply a typographical error. For example,

```
op1 (badname); /* error if badname not defined for op1 in idl */
```

Action Change the ACS input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1233 ERROR: [comm_status] parameter must have type [out] error_status_t *

Description In an ACS file, a parameter was declared to be a [comm_status] parameter but its type was not declared properly in the IDL file.

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1234 ERROR: [comm_status] specified for more than one attribute for operation *name* - ignored

Description In an ACS file, more than one parameter was declared to be a [comm_status] parameter for an operation. All but the first [comm_status] attribute for the operation are ignored.

Action Change the ACS input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1235 ERROR: [fault_status] parameter must have type [out] error_status_t *

Description In an ACS file, a parameter was declared to be a [fault_status] parameter but its type was not declared properly in the IDL file.

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1236 ERROR: [fault_status] specified for more than one attribute for operation *name*

Description In an ACS file, more than one parameter was declared to be a [fault_status] parameter for an operation. All but the first [fault_status] attribute for the operation are ignored.

Action Change the ACS input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1237 ERROR: [switch_is(*name*)] not found

Description In an IDL file, a non-encapsulated union was defined but the [switch_is()] variable, *name*, was not found. If the non-encapsulated union was within a structure, then *name* must be another element in the structure at the same level. If the non-encapsulated union was a parameter, then *name* must be another parameter for the operation. For example,

```
typedef [switch_type (long) ] union t1 {
  [case (1,3)] float u1;
  [case (2)] short u2;
  [default] ;
} t1;
typedef struct {
  [switch_is(s1)] union t1 s2; /* s1 not found */
} t2;
typedef struct {
  [switch_is(s1)] union t1 s2; /* correct */
  long s1;
} t3;
void op1([in,switch_is(p1)] union t1 p2); /* p1 not found */
void op2([in]long p1, [in,switch_is(p1)] union t1 p2); /* correct */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1238 ERROR: Union discriminator type *name* must be long, short, small, char, boolean, or enum

Description In an IDL file, a non-encapsulated union was defined with an invalid [switch_is()] variable type (a string, structure, or union). This error will also be generated if the type was a pointer within a structure, if the type had multiple pointers, or was an array. For example,

```
typedef [switch_type (long) ] union t1 {
  [case (1,3)] float u1;
  [case (2)] short u2;
  [default] ;
} t1;
typedef struct {
  [switch_is(s2)] union t1 s1;
  long *s2; /* error - pointer in struct */
} t2;
void op1([in,switch_is(p2)]union t1 p1,[in]long **p2); /* error */
void op2([in,switch_is(p2)]union t1 p1,[in]char *p2); /* error */
void op3([in,switch_is(p2)]union t1 p1,[in]long p2[10]); /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1239 ERROR: [switch_type] doesn't match [switch_is(*name*)] type

Description In an IDL file, a non-encapsulated union was defined where the type specified in the [switch_type()] attribute does not match the type of *name* in the [switch_is()] attribute. For example,

```
typedef [switch_type (long) ] union t1 {
  [case (1,3)] float u1;
  [case (2)] short u2;
  [default] ;
} t1;
void op1([in,switch_is(p2)]union t1 p1,[in]short p2); /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1240 ERROR: Constant identifier *name* not previously defined

Description In an IDL file, an identifier, *name*, was used in an expression but had not been previously defined. For example,

```
typedef long t1[notdefined]; /* error */
const short t2 = notdefined2 + 3; /* errodeor */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1241 ERROR: Incomplete structure/union

Description In an IDL file, a parameter was defined using a structure or union type whose definition was not complete (i.e., its members have not been defined). Only pointers to incomplete structures or unions are allowed. For example,

```
typedef struct t1 t1;
void op1([in]struct t1 p1); /* error */
void op2([in]struct t1 *p1); /* correct */
typedef struct t1 {
long s1;
} t2;
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1242 WARN: Interface name *name1* in ACS file doesn't match *name2*

Description In an ACS file, the specified interface name, *name1*, doesn't match the interface name specified in the IDL file, *name2*.

Action Change the ACS or IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1243 WARN: [in_line] and [out_of_line] can only be applied to non-scaler types

Description In an ACS file, the [in_line] or [out_of_line] attribute was specified for a data type that was a scaler. These attributes can only be specified for structures, unions, context handles, arrays, and pipes.

Action Change the ACS input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1244 ERROR: [represent_as] cannot be specified for conformant or varying arrays

Description In an ACS file, a [represent_as()] attribute was specified for a type that was or contained either a conformant or varying array. For example,

```
/* IDL */
typedef long conf[];
typedef struct {
  long s1;
  [max_is(s1)]conf s2;
} t1;
/* ACS */
typedef [represent_as(long)]conf; /* error */
typedef [represent_as(long)]t1; /* error */
```

Action Change the ACS input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1245 ERROR: [represent_as] cannot be specified for types that are or contain pointers

Description In an ACS file, a [represent_as()] attribute was specified for a type that was or contained a pointer. For example,

```
/* IDL */ typedef long *t1;
typedef struct {
  long *s1;
} t2;
/* ACS */
typedef [represent_as(long)]t1; /* error */
typedef [represent_as(long)]t2; /* error */
```

Action Change the ACS input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1247 ERROR: [represent_as] cannot be specified for pipe types or types used as the base type in a pipe definition

Description In an ACS file, a [represent_as()] attribute was specified for a type that was a pipe type or was the base type in a pipe definition. For example,

```
/* IDL */ typedef long pipebase_t;
   typedef pipe long pipe_t;
   typedef pipe pipebase_t pipe2_t;
   /* ACS */
   typedef [represent_as(long)]pipe_t; /* error */
   typedef [represent_as(long)]pipebase_t; /* error */
```

Action Change the ACS input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1249 ERROR: Type *name* not defined

Description In an ACS file, a typedef name was specified for a type that had not been defined in the IDL file. For example,

```
typedef [represent_as(long)]badname; /* error if badname not defined
*/
```

Action Change the ACS input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1251 ERROR: [uuid] redeclared

Description In an IDL file, a uuid value was specified more than once. For example,

```
[uuid(7E291480-A2B0+110F-89E9-930269220000), uuid(7E291480-
A2B0+110F-89E9-930269220000)] /* error */
interface inter
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1252 ERROR: Can't specify both [local] and [uuid]

Description In an IDL file, both the [uuid] and [local] attributes are specified. For example,

```
[uuid(7E291480-A2B0+110F-89E9-930269220000), local] /* error */
interface inter
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1253 WARN: [version] redeclared

Description In an IDL file, the version number was specified more than once. The last version number specified is used. For example, version 1.0 is used for the following:

```
[uuid(7E291480-A2B0+110F-89E9-930269220000),version(0.0), ver-
sion(1.0)]
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1254 WARN: [version] major greater than 65535; reset to 0

Description In an IDL file, the major version number was not within the valid range (0 to 65535, inclusive). A default of 0 was used. For example,

```
[uuid(7E291480-A2B0+110F-89E9-930269220000),version(70000.0)]
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1255 WARN: [version] minor greater than 65535; reset to 0

Description In an IDL file, the minor version number was not within the valid range (0 to 65535, inclusive). A default of 0 was used. For example,

```
[uuid(7E291480-A2B0+110F-89E9-930269220000),version(1.70000)]
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1256 WARN: [endpoint] not supported - ignored

Description In an IDL file, an [endpoint] attribute was specified. This attribute is not supported and is ignored. For example,

```
[uuid(7E291480-A2B0+110F-89E9-930269220000),endpoint("t1")]
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1257 ERROR: Can't specify both [local] and [uuid]

Description In an IDL file, both the [uuid] and [local] attributes are specified. For example,

```
[local, uuid(7E291480-A2B0+110F-89E9-930269220000)] /* error */
interface inter
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1258 ERROR: pointer_default specified more than once

Description In an IDL file, the [pointer_default] attribute was specified more than once. The second and other instances were ignored. For example,

```
[uuid(7E291480-A2B0+110F-89E9-930269220000),pointer_default(ptr),
pointer_default(ptr)] /* warning */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1259 ERROR: [uuid] or [local] attribute must appear if an operation is defined

Description In an IDL file, an operation was defined but neither [uuid] nor [local] were defined in the interface heading.

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1261 ERROR: Missing semi-colon

Description An error occurred while parsing an IDL file. The error was most likely a missing semi-colon. This error may cause other errors to be flagged that are not actually errors (e.g., names or tags may not be defined, etc.). For example,

```
void op1(void) /* error */ void op2(void);
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1262 ERROR: Non-integer value in constant expression

Description In an IDL file, a non-integer value appears in the arithmetic expression for a constant. For example,

```
const char *a = "abc"; const long b = a + 1; /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1263 WARN: More than one binding handle attribute specified

Description In an ACS file, [explicit_handle] is specified when another binding handle attribute has already been specified. All but the first binding handle attribute are ignored.

Action Change the ACS input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1264 WARN: More than one binding handle attribute specified

Description In an ACS file, [implicit_handle] is specified when another binding handle attribute has already been specified. All but the first binding handle attribute are ignored.

Action Change the ACS input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1265 WARN: More than one binding handle attribute specified

Description In an ACS file, [auto_handle] is specified when another binding handle attribute has already been specified. All but the first binding handle attribute are ignored.

Action Change the ACS input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1277 ERROR: Integer overflow

Description In an IDL file, the addition of two operands in an arithmetic expression caused an integer overflow. For example,

```
const long l = 2000000000 + 2000000000; /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1280 ERROR: Integer overflow

Description In an IDL file, the multiplication of two operands in an arithmetic expression caused an integer overflow. For example,

```
const long l = 2000000000 * 2000000000; /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1282 ERROR: Division by 0 in constant expression

Description In an IDL file, a constant expression contained a division by 0. For example,

```
const long l = 2000000000 / 0;
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1284 ERROR: Division by 0 in constant expression

Description In an IDL file, a constant expression contained a division by 0 (using the modulus operator). For example,

```
const long l = 2000000000 % 0;
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1290 ERROR: Type *name* not defined

Description In an IDL file, a type used in the definition of another type was not defined. For example,

```
typedef t1 t2; /* error if t1 not previous defined */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1291 ERROR: Duplicate member name - *name*

Description In an IDL file, more than one member within the same structure had the same name, *member-name*. For example,

```
typedef struct {
  long s1;
  long s1; /* error */
} t1;
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1292 ERROR: Conformant element must be the last element in a structure

Description In an IDL file, a structure had a conformant element that was not the last element in the structure. For example,

```
typedef struct {
  [size_is(s2)]long s1[];
  long s2; /* error - conformant element not last
 */
} t1;
typedef struct {
  long s1;
  [size_is(s1)]long s2[]; /* correct */
} t2;
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1293 ERROR: Context handle cannot be specified for structure member

Description In an IDL file, a structure had a member that was a context handle. For example,

```
typedef [context_handle]void *ch_t;
typedef struct {
  [context_handle] void *s1; /* error */
  ch_t s2; /* error */
} t1;
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1294 ERROR: handle_t type cannot be specified for structure member

Description In an IDL file, a structure had a member that was a handle_t type. For example,

```
typedef handle_t hand;
typedef struct {
  handle_t s1; /* error */
  hand s2; /* error */
} t1;
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1295 ERROR: Pipe type cannot be specified for structure member

Description   In an IDL file, a structure had a member that was a pipe type. For example,

```
typedef pipe long pipe_t;
typedef struct {
  pipe_t s2; /* error */
} t1;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1296 ERROR: Structure member cannot be a function pointer

Description   In an IDL file, a structure had a member that was a function pointer. For example,

```
typedef [ptr]long (*fp)([in]long p1);
typedef struct {
  fp s1; /* error */
} t1;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1297 ERROR: Structure member cannot be a function

Description   In an IDL file, a structure had a member that was a function. For example,

```
typedef long func([in]long p1);
typedef struct {
  func s1; /* error */
} t1;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1299 ERROR: Discriminator type must be long, short, small, char, boolean, or enum

Description   In an IDL file, a non-encapsulated union was defined with an invalid [switch_type()] variable type (a string, structure, or union), or an encapsulated union had an invalid switch() variable type. This error will also be generated if the type was a pointer or an array. For example,

```
typedef [ptr]long *t1;
typedef [switch_type (t1) ] union { /* error */
  [case (2)] short u2;
  [default] ;
} t2;
typedef union switch(t1 u1) { /* error */
  case 2: short u2;
  default: ;
} t3;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

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1301 ERROR: Constant expression in union arm cannot be a string constant or NULL

Description In an IDL file, a union arm case value was a string constant or NULL, or a constant expression evaluating to one of these. For example,

```
typedef union switch(long u1) {
  case "abc": short u1; /* error */
  case NULL: short u2; /* error */
} t1;
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1302 ERROR: Variable not specified for [switch_is]

Description In an IDL file, a non-encapsulated union was defined with a [switch_is()] attribute that was missing the variable name. For example,

```
typedef [switch_type (long) ] union t1 {
  [case (1,3)] float u1;
  [case (2)] short u2;
  [default] ;
} t1;
void op1([switch_is(),in]t1 p1);
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1303 ERROR: Too many enumeration values

Description In an IDL file, an enumeration was defined with more than 32767 values.

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1304 ERROR: [v1_struct] attribute not supported

Description In an IDL file, the [v1_struct] attribute was specified. This attribute is only for backward compatibility with NIDL V1 and is not supported.

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1305 ERROR: [v1_enum] attribute not supported

Description In an IDL file, the [v1_enum] attribute was specified. This attribute is only for backward compatibility with NIDL V1 and is not supported.

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1306 ERROR: [align()] attribute not supported

Description In an IDL file, the [align()] attribute was specified. This attribute is not part of the standard but proposed in some dialects; it is not supported.

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1307 ERROR: [min_is()] attribute not supported

Description In an IDL file, the [min_is()] attribute was specified. This attribute is not part of the standard but proposed in some dialects; it is not supported.

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1310 ERROR: [v1_string] attribute not supported

Description In an IDL file, the [v1_string] attribute was specified. This attribute is only for backward compat-
ibility with NIDL V1 and is not supported.

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1311 ERROR: [v1_array] attribute not supported

Description In an IDL file, the [v1_array] attribute was specified. This attribute is only for backward compat-
ibility with NIDL V1 and is not supported.

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1312 ERROR: Transmitted type cannot be conformant or be or contain pointer

Description In an IDL file, a type definition had a [transmit_as()] attribute. The transmitted type had or con-
tained a pointer or was a conformant array (transmission of conformant structures is supported).
For example,

```
typedef long conf[];
typedef [transmit_as(conf)] long t1; /* error */
typedef [ptr]long *longp;
typedef [transmit_as(longp)] long t2; /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1313 ERROR: The void type can only be used for context handles and operation return

Description In an IDL file, a type definition had a [transmit_as()] attribute and the transmitted type was type
void. For example,

```
typedef void t1;
typedef [transmit_as(t1)] long t2; /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1314 ERROR: All attribute variables are null

Description In an IDL file, one of the size attributes (size_is, max_is, min_is, length_is, last_is, or first_is)
was specified but no attribute variables are specified within the size attribute. For example,

```
void op1([in,max_is()]long p1[]); /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1315 WARN: [unique] not supported; [ptr] assumed

Description In an IDL file, the [unique] pointer attribute was specified. This attribute is not part of the stan-
dard but proposed in some dialects; it is not supported. For further processing, [ptr] was assumed
instead.

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1316 WARN: [idempotent] attribute not supported - ignored

Description In an IDL file, the [idempotent] attribute was specified. This attribute need not be supported in
TxRPC (although part of DCE/RPC); it is not supported.

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1317 WARN: [broadcast] attribute not supported - ignored

Description In an IDL file, the [broadcast] attribute was specified. This attribute need not be supported in
TxRPC (although part of DCE/RPC); it is not supported.

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1318 WARN: [maybe] attribute not supported - ignored

Description In an IDL file, the [maybe] attribute was specified. This attribute need not be supported in
TxRPC (although part of DCE/RPC); it is not supported.

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1319   ERROR: Can't specify transaction attribute at interface and operation levels

Description   In an IDL file, a transaction attribute ([transaction_mandatory] or [transaction_optional]) was specified at both the interface level and on an operation. For example,

```
[uuid(0679E900-A387+110F-9215-930269220000),
transaction_mandatory]
interface INTERFACE
{
[transaction_mandatory]void op1(void);
}
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1320   ERROR: Can't specify transaction attribute at interface and operation levels

Description   In an IDL file, a transaction attribute ([transaction_mandatory] or [transaction_optional]) was specified at both the interface level and on an operation. For example,

```
[uuid(0679E900-A387+110F-9215-930269220000),
transaction_mandatory]
interface INTERFACE
{
[transaction_mandatory]void op1(void);
}
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1321   ERROR: Syntax error

Description   In an IDL file, a "void" was specified for an operation that had more than one parameter. "void" is only valid if an operation has only one parameter and it appears by itself. For example,

```
void op1([in]long p1, void); /* error */
void op2(void); /* correct */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1322   ERROR: Syntax error

Description   In an IDL file, an operation was defined with no parameters ("void") but had parameter attributes. For example,

```
void op1([in]void); /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1323   WARN: [ignore] attribute not allowed on parameter

Description   In an IDL file, the [ignore] attribute was specified for a parameter (it is allowed only for pointers within structures). For example,

```
void op1([in,ignore]long *p1);
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1324   WARN: [shape] attribute not supported - ignored

Description   In an IDL file, the [shape] attribute was specified. This attribute is not part of TxRPC but proposed in some dialects; it is not supported.

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1326   ERROR: Function pointers supported only in local mode

Description   In an IDL file, the interface header had a [uuid()] and not a [local] attribute, and a function pointer type was defined. Function pointers are only supported in [local] mode. For example,

```
typedef void (*op1)([in]long *p1); /* error */
```

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Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1327   ERROR: Function types supported only in local mode

Description   In an IDL file, the interface header had a [uuid()] and not a [local] attribute, and a function type
                  was defined. Function types are only supported in [local] mode. For example,

```
typedef void op1([in]long *p1); /* error */
void op2([in]long *p1); /* correct */
```

Action   If this definition was simply for generating a header file, delete the [uuid()] attribute and add a
                  [local] attribute. Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1328   ERROR: [represent_as] cannot be specified for type used as a size attribute

Description   In an IDL file, a size attribute variable for a conformant or varying array has the [represent_as]
                  attribute. For example,

```
/* IDL File */
typedef long t1;
void op([max_is(p2),in]long p1[], [in]t1 p2);
/* ACS file */
typedef [represent_as(long)]t1;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1329   ERROR: [out_of_line] identifier *name* must be less than 29 characters in length

Description   In an ACS file, the name of a type that was specified as [out_of_line] had a name that was greater
                  than 28 characters in length. For example,

```
/* ACS file */ typedef
[out_of_line]t2345678901234567890123456789;
```

Action   Change the ACS input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1330   WARN: [explicit_handle] not supported

Description   In an ACS file, the [explicit_handle] attribute was specified. This attribute need not be supported
                  in TxRPC IDL-only (although part of DCE/RPC); it is not supported. If [explicit_handle] is spec-
                  ified and the first parameter of the operation is not a binding handle, a binding handle will be
                  added with the name IDL_binding_handle. While providing some compatibility with DCE, the
                  binding handle is not transmitted from the client to the server.

Action   Change the ACS input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1331   WARN: [implicit_handle] not supported

Description   In an ACS file, the [implicit_handle] attribute was specified. This attribute need not be supported
                  in TxRPC IDL-only (although part of DCE/RPC); it is not supported. Specifically, the binding
                  handle is not transmitted from the client to the server.

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1334   ERROR: Type *name* used in [transmit_as()] clause cannot have [represent_as()]

Description   The transmitted type, *typename*, has the [represent_as] attribute.

Action   Change the IDL or ACS input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1335   ERROR: Type name with [represent_as] must be less than 21 characters in length

Description   In an ACS file, a type whose name was greater than 20 characters was defined with the
                  [represent_as] attribute. For example,

```
typedef [represent_as(t1)] t123456789012345678901; /* error */
```

Action   Change the IDL and ACS input files and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1336 WARN: Use ACS include for definition of *name*

Description In an ACS file, a [represent_as()] attribute was defined and the name of the type, *name*, that was not known (not defined in the IDL file). In this case, a header file is needed to define the type (or the C language compiler will not be able to compile the stubs properly). The preferred method of including the header file is via the ACS include statement. For example,

```
typedef [represent_as(undef)] t1; /* warning for undef */
```

Action None.

See Also *BEA TUXEDO TxRPC Guide*

1337 ERROR: Operation *name* not found

Description In an ACS file, an operation, *name*, was defined that was not defined in the IDL file. For example,

```
[code]op1(); /* error if op1 not in IDL file */
```

Action Change the IDL or ACS input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1338 ERROR: [comm_status] operation must have type error_status_t

Description In an ACS file, an operation was defined to have a [comm_status] return but the operation was not defined to return error_status_t. For example,

```
/* IDL file */
long op1(void);
/* ACS file */
[comm_status]op1(); /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1339 ERROR: [fault_status] operation must have type error_status_t

Description In an ACS file, an operation was defined to have a [fault_status] return but the operation was not defined to return error_status_t. For example,

```
/* IDL file */ long op1(void);
/* ACS file */
[fault_status]op1(); /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1340 WARN: [comm_status] specified more than once for operation *name* - ignored

Description In an ACS file, the [comm_status] attribute was specified for more than one parameter, or for a parameter and the operation return. For example,

```
/* IDL file */
error_status_t op1([out]error_status_t *p1);
/* ACS file */
[comm_status]op1([comm_status] p1); /* error */
```

Action Change the ACS input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1341 WARN: [fault_status] specified more than once for operation *name* - ignored

Description In an ACS file, the [fault_status] attribute was specified for more than one parameter, or for a parameter and the operation return. For example,

```
/* IDL file */
error_status_t op1([out]error_status_t *p1);
/* ACS file */
[fault_status]op1([fault_status] p1); /* error */
```

Action Change the ACS input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1342 ERROR: Value *val* overflows long

Description The lexical analyzer encountered an integer value that was too large to fit into a 32-bit long integer. For example,

```
const unsigned long l = 0xEE6B28000;  /* error */
const unsigned long l = 0356326240000; /* error */
const unsigned long l = 4000000000;  /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1345 WARN: No hex digits follow \x

Description The lexical analyzer encountered a '\x' character constant. The value was treated as the character x since it was not followed by any hexadecimal characters.

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1346 WARN: Dubious escape *char*

Description The lexical analyzer encountered a character constant with an escape that was not one of the defined escape sequences (e.g., tab, newline, etc.). The character was treated as if the backslash did not appear. For example,

```
const char i = '\i'; /* warning */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1347 WARN: Character escape *octal* does not fit in character

Description The lexical analyzer encountered a character constant with an octal escape sequence that was too large to fit into a character (greater than 0377). For example,

```
const char c = '\477'; /* warning */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1348 ERROR: Character escape *val* does not fit in character

Description The lexical analyzer encountered a character constant with a hexadecimal escape sequence that was too large to fit into a character (greater than \xff). For example,

```
const char i = '\xfff'; /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1349 ERROR: Newline in character constant

Description The lexical analyzer encountered a character constant that begins on one line and ends on another line. Often, this indicates a missing quote. For example,

```
const char i = '\xf
f'; /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1351 ERROR: Invalid parenthesis

Description In an IDL file, the [uuid] attribute had an extra left parenthesis within the value. For example,

```
[uuid((0679E900-A387+110F-9215-930269220000)] /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1353 ERROR: Invalid parenthesis

Description In an IDL file, the [version] attribute had an extra left parenthesis within the value. For example,

```
[local, version((0.0)] /* error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1354 ERROR: Newline in string literal

Description The lexical analyzer encountered a string literal that begins on one line and ends on another line. For example,

```
const char *str = "first second";
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1355 WARN: Character escape *octal* does not fit in character

Description The lexical analyzer encountered a character string with an octal escape sequence that was too large to fit into a character (greater than 0377). For example,

```
const char *str = "error \477";
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1356 ERROR: Character escape *val* does not fit in character

Description The lexical analyzer encountered a character string with an hexadecimal escape sequence that was too large to fit into a character (greater than \xff). For example,

```
const char *str = "error \x242";
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1357 WARN: Dubious escape *char*

Description The lexical analyzer encountered a character literal with an escape that was not one of the defined escape sequences (e.g., tab, newline, etc.). The character was treated as if the backslash did not appear. For example,

```
const char *str = "error \e  ";
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1358 ERROR: End of input reached without terminating comment

Description The lexical analyzer encountered an end-of-file while within a comment. For example,

```
const char *str = "string"; /* end of file error
```

Note: That this error message will not be printed if the file was processed by the C pre-processor (which will detect the error); use -no_cpp to turn off pre-processing.

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1359 ERROR: Identifier or number must be preceded and followed by white space or punctuation

Description The lexical analyzer encountered a number or an identifier that was not preceded or followed by white space or a punctuation character. Usually this indicates a typographical error. For example,

```
const long sec_per_min = 60;
const long hour_per_sec = 60sec_per_min; /* missing * */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1360 WARN: Character '\x*char*' not portable

Description The lexical analyzer encountered a character in a character constant or character string constant that is not in the portable character set (0x20 to 0x7e, inclusive). For example,

```
const char control_A = '\1'; /* warning */
```

Action No action required.

See Also *BEA TUXEDO TxRPC Guide*

1361 ERROR: End of input reached without terminating double quote

Description The lexical analyzer encountered an end-of-file while within a character string literal. For example,

```
const char *str = "error noend /* end of file error */
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1362 ERROR: Reached *count* errors; exiting

Description   The tidl command encountered more than *count* errors (default 50) and was quitting. To get all errors printed, use the -error all option.

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1363 ERROR: Reached *count* errors; exiting

Description   The tidl command encountered more than *count* errors (default 50) and was quitting. To get all errors printed, use the -error all option.

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1365 WARN: Identifier *ident* is too long - truncating to 31 characters

Description   The lexical analyzer encountered an identifier that was more than 31 characters in length. The identifier is truncated to 31 characters and processing continues. This may cause further

processing errors. For example,

```
const long t23456789012345678901234566789012 = 60;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1366 ERROR: Character constant too long '*const*'

Description   The lexical analyzer encountered an octal character constant that was more than 6 characters in length. For example,

```
const char c = '\e0000006';
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1367 ERROR: Invalid character constant *const*

Description   The lexical analyzer encountered a character constant that was multiple characters in length and not one of the valid escape sequences. For example,

```
const char l = 'ab';
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1372 ERROR: Duplicate interface name '*inter_name*' in file *filename1* and file *filename2*

Description   In an imported IDL file, *filename1*, an interface name was a duplicate of the interface name of a previously processed IDL file *filename2*.

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1373 ERROR: Can't import [local] interface from non-local interface

Description   An IDL file with the [local] interface was imported by another IDL file that does not have the [local] interface.

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1374 ERROR: [switch_is] attribute not allowed on union arm

Description In an IDL file, a [switch_is] attribute was defined for a union arm. The [switch_is] attribute can appear only with a non-encapsulated union and non-encapsulated unions cannot appear in union arms. For example,

```
typedef [switch_type (long) ] union t1 {
  [case (1,3)] float u1;
  [case (2)] short u2;
  [default] ;
} t1;
typedef union switch (short u0) t2 {
  case 0: ;
  case 1:
  case 2: [switch_is(u3)]t1 u2; /* error */
  case 3:
  case 4: long u3;
  } t2;
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1375 ERROR: [switch_is] specified for encapsulated union

Description In an IDL file, a [switch_is] attribute was specified for an encapsulated union. [switch_is] is allowed only for non-encapsulated unions. For example,

```
typedef union switch (short u0) t1 {
case 0: ;
  case 1:
  case 2: short u2;
  case 3:
  case 4: long u3;
} t1;
typedef struct {
  [switch_is(s2)]t1 s1; /* error */
  long s2;
} t2;
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1376 ERROR: [switch_type] specified for encapsulated union

Description In an IDL file, an encapsulated union was defined with the [switch_type] attribute. For example,

```
typedef [switch_type(long)]union switch (short u0) t1 { /* error */
  case 0: ;
  case 1:
  case 2: short u2;
  case 3:
  case 4: long u3;
} t1;
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1377 ERROR: Missing [max_is()] or [size_is()] value for *'name'*

Description In an IDL file, a pointer was defined as a conformant array because the [min_is()] attribute was specified, but the maximum size was not defined via a [size_is()] or [max_is()] attribute. For example,

```
void op1([in,min_is(p2)]long *p1, [in]long p2);
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1378 ERROR: Types with [represent_as] cannot be nested

Description   In an ACS file, a type was specified as a [represent_as()] type that already had its own [represent_as()] attribute. For example,

```
/* IDL File */ typedef long t1;
typedef long t2;
/* ACS file */
typedef [represent_as(long)]t1;
typedef [represent_as(t1)]t2; /* error */
```

Action   Change the ACS input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1379   ERROR: The void type can only be used for context handles and operation return

Description   In an IDL file, an array of the void data type was defined. For example,

```
typedef void t1[10]; /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1380   ERROR: The void type can only be used for context handles and operation return

Description   In an IDL file, a pipe type was defined based on the void data type. For example,

```
typedef pipe void t1;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1381   ERROR: Union arm may not contain [ref] pointer

Description   In an IDL file, a union arm was defined with a [ref] pointer attribute. For example,

```
typedef union switch(long u1) {
  case 0: short u2;
  default: [ref]long *u3; /* error */
} t1;
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1383   ERROR: *attrib* value *'name'* must not have [transmit_as] attribute

Description   In an IDL file, an attribute variable was defined (e.g., for an array size attribute) that had the [transmit_as()] attribute. For example,

```
typedef [transmit_as(long)]long t1;
void op1([max_is(p2),in]long p1[],[in]t1 p2); /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1384   ERROR: Type *name* has [represent_as(*rep1*)] and [represent_as(*rep2*)

Description   In an ACS file, a type was defined with more than [represent_as()] attribute. For example,

```
/* IDL file */
typedef long t1;
/* ACS file */
typedef [represent_as(t2)]t1;
typedef [represent_as(t3)]t1; /* error */
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1385   ERROR: Attribute not allowed on tagged structure or union declaration

Description   In an IDL file, a tagged structure or union declaration had an attribute specified. For example,

```
[transaction_mandatory]struct t1 { /* error */
  long s1;
};
```

Action   Change the IDL input file and re-run the tidl program.

See Also   *BEA TUXEDO TxRPC Guide*

1386   ERROR: *attrib* value *'name'* must not be a pointer to a field

Description In an IDL file, an attribute variable (e.g., for defining an array size) was defined as a pointer to a structure field. When a conformant or varying array is defined within a structure, a pointer cannot be used. For example,

```
typedef struct {
  [ref]long *s1;
  [max_is(*s1)]long s2[]; /* error */
} t1;
```

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

1387 ERROR: Invalid FBFR usage

Description The FBFR type was used in an invalid position (in a varying or conformant array, with a transmit as attribute, with pipe, or without a pointer).

Action Change the IDL input file and re-run the tidl program.

See Also *BEA TUXEDO TxRPC Guide*

_____

1500   ERROR: -s option not supported

Description	The uuidgen command was run with the -s option (generate a UUID string as a C structure), which was not supported.
Action	Re-run the uuidgen program without this option.
See Also	*BEA TUXEDO TxRPC Guide*

1501   ERROR: -t option not supported

Description	The uuidgen command was run with the -t option (translate an old style uuid string), which was not supported.
Action	Re-run the uuidgen program without this option.
See Also	*BEA TUXEDO TxRPC Guide*

1502   ERROR: Can't specify both -n and -i options

Description	The uuidgen command was run with both the -n and -i options.
Action	Re-run the uuidgen program with only one of these options.
See Also	*BEA TUXEDO TxRPC Guide*

1503   ERROR: Non-numeric option specified for -n

Description	The uuidgen command was run with an invalid argument for the -n option, which indicates how many identifiers to generate.
Action	Re-run the uuidgen program with a valid number for the -n option.
See Also	*BEA TUXEDO TxRPC Guide*

1504   ERROR: Can't specify both -n and -i options

Description	The uuidgen command was run with both the -n and -i options.
Action	Re-run the uuidgen program with only one of these options.
See Also	*BEA TUXEDO TxRPC Guide*

1512   ERROR: Cannot open *filename* for writing

Description	The uuidgen command was unable to open the output file, *filename*, for writing.
Action	Check that the directory, and file if it exists, have write permission. Re-run the uuidgen program.
See Also	*BEA TUXEDO TxRPC Guide*

1513   ERROR: Invalid NADDR *naddr* - must be num.num.num.num where num is a decimal number < 256

Description	The uuidgen command was run with an invalid value for the NADDR environment variable. The correct format is

```
num.num.num.num[.num.num]
```

where num is a value between 0 and 255, inclusive. The last two numbers are optional.

Action	Change the NADDR environment variable and re-run the uuidgen program.
See Also	*BEA TUXEDO TxRPC Guide*

1514   ERROR: Invalid WSNADDR *wsnaddr* - must be 0xnnnnnnnnnnnnnnnn where n is a hex digit

Description	The uuidgen command was run with an invalid value for the WSNADDR environment variable. The correct format is

```
0xnnnnnnnnnnnnnnnn
```

where n is a hex digit (16 hex characters).

Action	Change the WSNADDR environment variable and re-run the uuidgen program.
See Also	*BEA TUXEDO TxRPC Guide*

1515   WARN: Could not find network address in /etc/hosts

Description	The uuidgen command was run without the NADDR or WSNADDR environment variable set and the entry for the machine (the uname) could not be found in /etc/hosts. The default address was used.
Action	Set the NADDR or WSNADDR environment variable and re-run the uuidgen program.

See Also *BEA TUXEDO TxRPC Guide*

1516 WARN: Using default address *addr*

Description The `uuidgen` command was run without the `NADDR` or `WSNADDR` environment variables set and the entry for the machine (the uname) could not be found in `/etc/hosts`. The default address, *addr* was used.

Action Set the `NADDR` or `WSNADDR` environment variable and re-run the `uuidgen` program.

See Also *BEA TUXEDO TxRPC Guide*

1519 ERROR: Cannot determine license level

Description An error occurred while retrieving the current license attributes.

Action Check the log for prior messages indicating the cause of the problem. Normally, it means that the product has not been licensed properly.

1520 ERROR: Not licensed for TXRPC

Description You do not have a license to use TXRPC.

Action Purchase a license for TXRPC.

1521

ERROR: Memory allocation failure

Description An attempt to dynamically allocate memory from the operating system using `malloc` failed while parsing an IDL file.

Action Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.

1522 ERROR: Value *valval2* overflows long

Description While parsing an IDL or ACF file, a numeric value was too large to fit into a long integer.

Action Correct the value and re-run the operation.

1525 ERROR: End of input reached without terminating character literal

Description While parsing an IDL or ACF file, a character literal was started but not completed.

Action Correct the value and re-run the operation.

1526 ERROR: Multiple-character character literal not allowed

Description While parsing an IDL or ACF file, a character literal was found with more than one character. This is not valid (use a string literal for multi-character values).

Action Correct the value and re-run the operation.

1527 ERROR: End of input reached without terminating comment

Description While parsing an IDL or ACF file, a comment was started but not terminated. Often this can cause other variables or functions to be missed.

Action Correct the input and re-run the operation.

1528 WARN: value *val* does not fit in character

Description While parsing an IDL or ACF file, a hex escape sequence was found with a value larger than will fit in a single character (i.e., greater than 0xff).

Action Correct the value and re-run `tidl(1)`.

1529 WARN: Dubious escape *valval2*

Description While parsing an IDL or ACF file, a backslash escape preceding a character that is not a valid escape sequence (t, n, f, b, r, 0, backslash, n, x, or X).

Action Correct the value and re-run `tmloadcf(1)`

1530 WARN: value *val* does not fit in character

Description While parsing an IDL or ACF file, an octal escape sequence was found with a value larger than will fit in a single character (i.e., greater than 0xff).

Action Correct the value and re-run `tidl(1)`.

1531 WARN: Dubious escape *val*

Description While parsing an IDL or ACF file, a backslash escape preceding a character that is not a valid escape sequence (t, n, f, b, r, 0, backslash, n, x, or X).

Action Correct the value and re-run `tidl(1)`.

1532 ERROR: End of input reached without terminating double quote

Description   The lexical analyzer encountered an end-of-file while within a character string literal. For example,

```
const char *str = "error noend /* end of file error *
```

Action   Change the IDL input file and re-run the `tidl` program.

See Also   *BEA TUXEDO TxRPC Guide*

1533 ERROR: Newline in string literal

Description   The lexical analyzer encountered a string literal that begins on one line and ends on another line. For example,

```
const char *str = "first
second";
```

Action   Change the IDL input file and re-run the `tidl` program.

See Also   *BEA TUXEDO TxRPC Guide*

1534 ERROR: UUID syntax error

Description   In an IDL file, the [uuid] attribute had an invalid syntax such as extra left parenthesis within the value. For example,

```
[uuid((0679E900-A387-110F-9215-930269220000)] /* error */
```

Action   Change the IDL input file and re-run the `tidl` program.

See Also   *BEA TUXEDO TxRPC Guide*

1535 ERROR: Memory allocation failure

Description   An attempt to dynamically allocate memory from the operating system using `malloc` failed while parsing an IDL or ACF file.

Action   Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.

1536 ERROR: VERSION syntax error

Description   In an IDL file, the [version] attribute had an invalid syntax such as extra left parenthesis within the value. For example,

```
[local, version((0.0)] /* error */
```

Action   Change the IDL input file and re-run the `tidl` program.

See Also   *BEA TUXEDO TxRPC Guide*

1537 ERROR: Memory allocation failure

Description   An attempt to dynamically allocate memory from the operating system using `malloc` failed while parsing an IDL or ACF file.

Action   Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.

1538 ERROR: Memory allocation failure

Description   An attempt to dynamically allocate memory from the operating system using `malloc` failed while parsing an IDL or ACF file.

Action   Ensure that the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine

1539 WARN: Identifier *ident* is too long - truncating to *val* characters

Description   The lexical analyzer encountered an identifier that was more than 31 characters in length. The identifier is truncated to 31 characters and processing continues. This may cause further processing errors. For example,

```
const long t234567890123456789012345678901234567890012 = 60;
```

Action   Change the IDL input file and re-run the `tidl` program.

See Also   *BEA TUXEDO TxRPC Guide*

1543 ERROR: Reached *count* errors; exiting

Description   The `tidl` command encountered more than *count* errors (default 50) and was quitting. To get all errors printed, use the -error all option.

Action   Change the IDL input file and re-run the `tidl` program.

See Also   *BEA TUXEDO TxRPC Guide*

1545 ERROR: Reached *count* errors; exiting

Description	The `tidl` command encountered more than *count* errors (default 50) and was quitting. To get all errors printed, use the -error all option.
Action	Change the IDL input file and re-run the `tidl` program.
See Also	*BEA TUXEDO TxRPC Guide*

1546 WARN: header base name *val* too long, truncating

Description	The generated file name for the header is based on the IDL file name suffixed with .mbr. The base name for the IDL file is greater than 10 characters and will be truncated.
Action	No action required.
See Also	*BEA TUXEDO TxRPC Guide*

1547 ERROR: failed to create directory *val*

Description	While parsing an IDL file, `tidl`(1) was unable to create the named directory using crtsrcpf.
Action	Check that there is sufficient file space on the device.
See Also	*BEA TUXEDO TxRPC Guide*

1548 ERROR: failed to copy file *val* to temp file

Description	While parsing an IDL file, `tidl`(1) was unable to copy a temporary file.
Action	Check to see that there is sufficient file space.
See Also	*BEA TUXEDO TxRPC Guide*

1549 WARN: stub file base name *val* too long, truncating

Description	The generated file name for the stub file is based on the IDL file name. The base name for the IDL file is greater than 10 characters and will be truncated.
Action	No action required.
See Also	*BEA TUXEDO TxRPC Guide*

1550 WARN: stub file name *val* too long, truncating

Description	The generated file name for the stub file is based on the IDL file name. The base name for the IDL file is greater than 10 characters and will be truncated.
Action	No action required.
See Also	*BEA TUXEDO TxRPC Guide*

1551 WARN: stub file name *val* too long, truncating

Description	The generated file name for the stub file is based on the IDL file name. The base name for the IDL file is greater than 10 characters and will be truncated.
Action	No action required.
See Also	*BEA TUXEDO TxRPC Guide*