BEA TUXEDO
System Messages
TxRPC Catalog

The Enterprise Middleware Solution

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BEA TUXEDO System Messages TxRPC Catalog

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Content

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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);`

	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*

2 TxRPC Messages 1100-1199

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
*t23456789012345678901234;  /* 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 *t2345678901234567889012345;
/* 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 */
```

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, ```\ntypedef handle_t handle;\ntypedef pipe handle t1; /* error */\n```
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, ```\ntypedef pipe long pipe_t;\ntypedef pipe pipe_t t1; /* error */\n```
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, ```\ntypedef long *longp; /* error */\ntypedef struct {\n [ref]long *s1;\n} t2;\ntypedef pipe longp t3; /* error */\ntypedef pipe t2 t4; /* error */\n```
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
t2345678901234567890123456789O;  /* 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.

See Also	*BEA TUXEDO TxRPC Guide*

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 conformant 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 structure 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); /*correct*/
```

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 dim**

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;
```

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 - name**

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*

3 TxRPC Messages 1200-1299

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

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 val**

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 val**

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)] interface 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 op - 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 op**

	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),ver`
		`sion(0.0), version(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),ver`
		`sion(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),ver`
		`sion(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),end`
		`point("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),poi`
		`nter_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 - membername**

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

4 TxRPC Messages 1300-1399

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 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*

1311	**ERROR: [v1_array] attribute not supported**
Description	In an IDL file, the [v1_array] 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*

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 contained 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 standard 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 */`
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 specified 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 typename 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)] t12345678901234567890 1; /* 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 \eoctal 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 '\xchar' 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 t23456789012345678901234567889012 = 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*

5 TxRPC Messages 1500-1599

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 *val* 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 *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 `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 t23456789012345678901234566789012 = 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*