

C28x C/C++ CODE GENERATION TOOLS

Compiler Version 5.2.X

Parser Error/Warning/Remark List

This is a list of the error/warning messages generated by the Texas Instruments C/C++ parser (which we license from Edison Design Group - EDG).

The purpose of the list is to provide some indication as to which error/warning id # corresponds to which error/warning message.

There are several parser options that can be used from the shell to produce additional information, and/or manipulate the severity level of various errors and warnings ...

Parser diagnostics options: -pd<options...>

- pdel<n> Set error limit to <n>
- pden Emit diagnostics ids
- pdf Output diagnostic to .err file
- pdr Issue remarks
- pds<n> Suppress diagnostic <n>
- pdse<n> Treat diagnostic <n> as error
- pdsr<n> Treat diagnostic <n> as remark
- pdsw<n> Treat diagnostic <n> as warning
- pdv Verbose diagnostics
- pdw Suppress warnings

Please be aware that many of these errors and warnings are generated in complicated situations. The list provided below does not claim to provide full explanations regarding why certain errors or warnings are generated. These can be taken up on a case by case basis, working through our customer support group.

C/C++ Parser Errors/Warnings

ID #	Error/Warning Text
0	"unknown error"
1	"last line of file ends without a newline"
2	"last line of file ends with a backslash"
3	"#include file %sq includes itself"
4	"out of memory"
5	"could not open source file %sq"
6	"comment unclosed at end of file"
7	"unrecognized token"
8	"missing closing quote"
9	"nested comment is not allowed"
10	"\"#\" not expected here"
11	"unrecognized preprocessing directive"
12	"parsing restarts here after previous syntax error"
13	"expected a file name"

14 "extra text after expected end of preprocessing directive"
16 "%sq is not a valid source file name"
17 "expected a `\"`"
18 "expected a `)`"
19 "extra text after expected end of number"
20 "identifier %sq is undefined"
21 "type qualifiers are meaningless in this declaration"
22 "invalid hexadecimal number"
23 "integer constant is too large"
24 "invalid octal digit"
25 "quoted string should contain at least one character"
26 "too many characters in character constant"
27 "character value is out of range"
28 "expression must have a constant value"
29 "expected an expression"
30 "floating constant is out of range"
31 "expression must have integral type"
32 "expression must have arithmetic type"
33 "expected a line number"
34 "invalid line number"
35 "#error %s"
36 "#warn %s"
37 "the #if for this directive is missing"
38 "the #endif for this directive is missing"
39 "directive is not allowed -- an #else has already appeared"
40 "division by zero"
41 "expected an identifier"
42 "expression must have arithmetic or pointer type"
43 "operand types are incompatible (%t1 and %t2)"
45 "expression must have pointer type"
46 "#undef may not be used on this predefined name"
47 "this predefined name may not be redefined"
48 "incompatible redefinition of macro %nod"
50 "duplicate macro parameter name"
51 "\"##\" may not be first in a macro definition"
52 "\"##\" may not be last in a macro definition"
53 "expected a macro parameter name"
54 "expected a `:`"
55 "too few arguments in macro invocation"
56 "too many arguments in macro invocation"
57 "operand of sizeof may not be a function"
58 "this operator is not allowed in a constant expression"
59 "this operator is not allowed in a preprocessing expression"
60 "function call is not allowed in a constant expression"
61 "this operator is not allowed in an integral constant expression"
62 "integer operation result is out of range"
63 "shift count is negative"
64 "shift count is too large"
65 "declaration does not declare anything"
66 "expected a `;`"
67 "enumeration value is out of `int` range"
68 "expected a `}`"
69 "integer conversion resulted in a change of sign"
70 "integer conversion resulted in truncation"
71 "incomplete type is not allowed"
72 "operand of sizeof may not be a bit field"
76 "operand of `*` must be a pointer"
77 "argument to macro is empty"

78 "this declaration has no storage class or type specifier"
79 "a parameter declaration may not have an initializer"
80 "expected a type specifier"
81 "a storage class may not be specified here"
82 "more than one storage class may not be specified"
83 "storage class is not first"
84 "type qualifier specified more than once"
85 "invalid combination of type specifiers"
86 "invalid storage class for a parameter"
87 "invalid storage class for a function"
88 "a type specifier may not be used here"
89 "array of functions is not allowed"
90 "array of void is not allowed"
91 "function returning function is not allowed"
92 "function returning array is not allowed"
93 "identifier-list parameters may only be used in a function definition"
94 "function type may not come from a typedef"
95 "the size of an array must be greater than zero"
96 "array is too large"
97 "a translation unit must contain at least one declaration"
98 "a function may not return a value of this type"
99 "an array may not have elements of this type"
100 "a declaration here must declare a parameter"
101 "duplicate parameter name"
102 "%sq has already been declared in the current scope"
103 "forward declaration of enum type is nonstandard"
104 "class is too large"
105 "struct or union is too large"
106 "invalid size for bit field"
107 "invalid type for a bit field"
108 "zero-length bit field must be unnamed"
109 "signed bit field of length 1"
110 "expression must have (pointer-to-) function type"
111 "expected either a definition or a tag name"
112 "statement is unreachable"
113 "expected \"while\""
115 "%n was referenced but not defined"
116 "a continue statement may only be used within a loop"
117 "a break statement may only be used within a loop or switch"
118 "non-void %n should return a value"
119 "a void function may not return a value"
120 "cast to type %t is not allowed"
121 "return value type does not match the function type"
122 "a case label may only be used within a switch"
123 "a default label may only be used within a switch"
124 "case label value has already appeared in this switch"
125 "default label has already appeared in this switch"
126 "expected a \"(\""
127 "expression must be an lvalue"
128 "expected a statement"
129 "loop is not reachable from preceding code"
130 "a block-scope function may only have extern storage class"
131 "expected a \"{\""
132 "expression must have pointer-to-class type"
133 "expression must have pointer-to-struct-or-union type"
134 "expected a member name"
135 "expected a field name"
136 "%n has no member %sq"

137 "%n has no field %sq"
138 "expression must be a modifiable lvalue"
139 "taking the address of a register variable is not allowed"
140 "taking the address of a bit field is not allowed"
141 "too many arguments in function call"
142 "unnamed prototyped parameters not allowed when body is present"
143 "expression must have pointer-to-object type"
144 "program too large or complicated to compile"
145 "a value of type %t1 cannot be used to initialize an entity of type %t2"
146 "%n may not be initialized"
147 "too many initializer values"
148 "declaration is incompatible with %nfd"
149 "declaration is incompatible with builtin %nfd"
150 "%n has already been initialized"
151 "a global-scope declaration may not have this storage class"
152 "a type name may not be redeclared as a parameter"
153 "a typedef name may not be redeclared as a parameter"
154 "conversion of nonzero integer to pointer"
155 "expression must have class type"
156 "expression must have struct or union type"
157 "old-fashioned assignment operator"
158 "old-fashioned initializer"
159 "expression must be an integral constant expression"
160 "expression must be an lvalue or a function designator"
161 "declaration is incompatible with previous %nod"
162 "name conflicts with previously used external name %sq"
163 "unrecognized #pragma"
165 "could not open temporary file %sq"
166 "name of directory for temporary files is too long (%sq)"
167 "too few arguments in function call"
168 "invalid floating constant"
169 "argument of type %t1 is incompatible with parameter of type %t2"
170 "a function type is not allowed here"
171 "expected a declaration"
172 "pointer points outside of underlying object"
173 "invalid type conversion"
174 "external/internal linkage conflict with previous declaration"
175 "floating-point value does not fit in required integral type"
176 "expression has no effect"
177 "subscript out of range"
179 "%n was declared but never referenced"
180 "%&" applied to an array has no effect"
181 "right operand of \"%%" is zero"
182 "argument is incompatible with formal parameter"
183 "argument is incompatible with corresponding format string conversion"
184 "could not open source file %sq (no directories in search list)"
185 "type of cast must be integral"
186 "type of cast must be arithmetic or pointer"
187 "dynamic initialization in unreachable code"
188 "pointless comparison of unsigned integer with zero"
189 "use of \"=\" where \"==\" may have been intended"
190 "enumerated type mixed with another type"
191 "error while writing %s file"
192 "invalid intermediate language file"
193 "type qualifier is meaningless on cast type"
194 "unrecognized character escape sequence"
195 "zero used for undefined preprocessing identifier"
196 "expected an asm string"

197 "an asm function must be prototyped"
198 "an asm function may not have an ellipsis"
221 "error while deleting file %sq"
222 "integral value does not fit in required floating-point type"
223 "floating-point value does not fit in required floating-point type"
224 "floating-point operation result is out of range"
225 "function declared implicitly"
226 "the format string requires additional arguments"
227 "the format string ends before this argument"
228 "invalid format string conversion"
229 "macro recursion"
230 "trailing comma is nonstandard"
231 "bit field cannot contain all values of the enumerated type"
232 "nonstandard type for a bit field"
233 "declaration is not visible outside of function"
234 "old-fashioned typedef of \"void\" ignored"
235 "left operand is not a struct or union containing this field"
236 "pointer does not point to struct or union containing this field"
237 "variable %sq was declared with a never-completed type"
238 "controlling expression is constant"
239 "selector expression is constant"
240 "invalid specifier on a parameter"
241 "invalid specifier outside a class declaration"
242 "duplicate specifier in declaration"
243 "a union is not allowed to have a base class"
244 "multiple access control specifiers are not allowed"
245 "class or struct definition is missing"
246 "qualified name is not a member of class %t or its base classes"
247 "a nonstatic member reference must be relative to a specific object"
248 "a nonstatic data member may not be defined outside its class"
249 "%n has already been defined"
250 "pointer to reference is not allowed"
251 "reference to reference is not allowed"
252 "reference to void is not allowed"
253 "array of reference is not allowed"
254 "reference %n requires an initializer"
255 "expected a \",\""
256 "type name is not allowed"
257 "type definition is not allowed"
258 "invalid redeclaration of type name %nod"
259 "const %n requires an initializer"
260 "\"this\" may only be used inside a nonstatic member function"
261 "constant value is not known"
262 "explicit type is missing (\"int\" assumed)"
263 "access control not specified (%sq by default)"
264 "not a class or struct name"
265 "duplicate base class name"
266 "invalid base class"
267 "%n is inaccessible"
268 "%no is ambiguous"
269 "old-style parameter list (anachronism)"
270 "declaration may not appear after executable statement in block"
271 "conversion to inaccessible base class %t is not allowed"
276 "improperly terminated macro invocation"
278 "name followed by \":\" must be a class or namespace name"
279 "invalid friend declaration"
280 "a constructor or destructor may not return a value"
281 "invalid destructor declaration"

282 "declaration of a member with the same name as its class"
283 "global-scope qualifier (leading '::') is not allowed"
284 "the global scope has no %sq"
285 "qualified name is not allowed"
286 "NULL reference is not allowed"
287 "initialization with '{...}' is not allowed for object of type %t"
288 "base class %t is ambiguous"
289 "derived class %t1 contains more than one instance of class %t2"
290 "cannot convert pointer to base class %t2 to pointer to derived class %t1 -- base class is virtual"
291 "no instance of constructor %no matches the argument list"
292 "copy constructor for class %t is ambiguous"
293 "no default constructor exists for class %t"
294 "%sq is not a nonstatic data member or base class of class %t"
295 "indirect nonvirtual base class is not allowed"
296 "invalid union member -- class %t has a disallowed member function"
298 "invalid use of non-lvalue array"
299 "expected an operator"
300 "inherited member is not allowed"
301 "cannot determine which instance of %n is intended"
302 "a pointer to a bound function may only be used to call the function"
303 "typedef name has already been declared (with same type)"
304 "%n has already been defined"
306 "no instance of %n matches the argument list"
307 "type definition is not allowed in function return type declaration"
308 "default argument not at end of parameter list"
309 "redefinition of default argument"
310 "more than one instance of %n matches the argument list:"
311 "more than one instance of constructor %no matches the argument list:"
312 "default argument of type %t1 is incompatible with parameter of type %t2"
313 "cannot overload functions distinguished by return type alone"
314 "no suitable user-defined conversion from %t1 to %t2 exists"
315 "type qualifier is not allowed on this function"
316 "only nonstatic member functions may be virtual"
317 "the object has cv-qualifiers that are not compatible with the member function"
318 "program too large to compile (too many virtual functions)"
319 "return type is not identical to nor covariant with return type %t of overridden virtual function %n"
320 "override of virtual %n is ambiguous"
321 "pure specifier ('= 0') allowed only on virtual functions"
322 "badly-formed pure specifier (only '= 0' is allowed)"
323 "data member initializer is not allowed"
324 "object of abstract class type %t is not allowed:"
325 "function returning abstract class %t is not allowed:"
326 "duplicate friend declaration"
327 "inline specifier allowed on function declarations only"
328 "\"inline\" is not allowed"
329 "invalid storage class for an inline function"
330 "invalid storage class for a class member"
331 "local class member %n requires a definition"
332 "%nf is inaccessible"
334 "class %t has no copy constructor to copy a const object"
335 "defining an implicitly declared member function is not allowed"
336 "class %t has no suitable copy constructor"
337 "linkage specification is not allowed"
338 "unknown external linkage specification"
339 "linkage specification is incompatible with previous %nod"
340 "more than one instance of overloaded function %no has \"C\" linkage"
341 "class %t has more than one default constructor"
342 "value copied to temporary, reference to temporary used"

343 "\"operator%s\" must be a member function"
344 "operator may not be a static member function"
345 "no arguments allowed on user-defined conversion"
346 "too many parameters for this operator function"
347 "too few parameters for this operator function"
348 "nonmember operator requires a parameter with class type"
349 "default argument is not allowed"
350 "more than one user-defined conversion from %t1 to %t2 applies:"
351 "no operator %sq matches these operands"
352 "more than one operator %sq matches these operands:"
353 "first parameter of allocation function must be of type \"size_t\""
354 "allocation function requires \"void *\" return type"
355 "deallocation function requires \"void\" return type"
356 "first parameter of deallocation function must be of type \"void *\""
357 "type must be an object type"
358 "base class %t has already been initialized"
359 "base class name required -- %t assumed (anachronism)"
360 "%n has already been initialized"
361 "name of member or base class is missing"
362 "assignment to \"this\" (anachronism)"
363 "\"overload\" keyword used (anachronism)"
364 "invalid anonymous union -- nonpublic member is not allowed"
365 "invalid anonymous union -- member function is not allowed"
366 "anonymous union at global or namespace scope must be declared static"
367 "%n provides no initializer for:"
368 "implicitly generated constructor for class %t cannot initialize:"
369 "%n defines no constructor to initialize the following:"
370 "%n has an uninitialized const or reference member"
371 "%n has an uninitialized const field"
372 "class %t has no assignment operator to copy a const object"
373 "class %t has no suitable assignment operator"
374 "ambiguous assignment operator for class %t"
375 "declaration requires a typedef name"
376 "\"virtual\" is not allowed"
377 "\"static\" is not allowed"
378 "cast of bound function to normal function pointer (anachronism)"
379 "expression must have pointer-to-member type"
380 "extra \";\" ignored"
381 "nonstandard member constant declaration (standard form is a static const integral member)"
382 "no instance of overloaded %no matches the argument list"
383 "no instance of %n matches the required type"
384 "delete array size expression used (anachronism)"
385 "a cast to abstract class %t is not allowed:"
386 "function \"main\" may not be called or have its address taken"
387 "a new-initializer may not be specified for an array"
388 "member function %no may not be redeclared outside its class"
389 "pointer to incomplete class type is not allowed"
390 "reference to local variable of enclosing function is not allowed"
391 "single-argument function used for postfix %sq (anachronism)"
392 "implicitly generated assignment operator cannot copy:"
393 "cast to array type is nonstandard (treated as cast to %t)"
394 "%n has an operator new%s() but no default operator delete%s()"
395 "%n has a default operator delete%s() but no operator new%s()"
396 "destructor for base class %t is not virtual"
397 "%np has already been declared"
398 "function \"main\" may not be declared inline"
399 "member function with the same name as its class must be a constructor"
400 "using nested %n (anachronism)"

409 "a destructor may not have parameters"
410 "copy constructor for class %t may not have a parameter of type %t"
411 "%n returns incomplete type %t"
412 "protected %n is not accessible through a %t pointer or object"
413 "a parameter is not allowed"
414 "an \"asm\" declaration is not allowed here"
415 "no suitable conversion function from %t1 to %t2 exists"
416 "delete of pointer to incomplete class"
417 "no suitable constructor exists to convert from %t1 to %t2"
418 "more than one constructor applies to convert from %t1 to %t2:"
419 "more than one conversion function from %t1 to %t2 applies:"
420 "more than one conversion function from %t to a built-in type applies:"
421 "const %n"
422 "reference %n"
423 "%npT"
424 "built-in operator %sq"
425 "%no (ambiguous by inheritance)"
426 "a constructor or destructor may not have its address taken"
427 "dollar sign ('\$') used in identifier"
428 "temporary used for initial value of reference to non-const (anachronism)"
429 "qualified name is not allowed in member declaration"
430 "enumerated type mixed with another type (anachronism)"
431 "the size of an array in \"new\" must be non-negative"
432 "returning reference to local temporary"
434 "\"enum\" declaration is not allowed"
435 "qualifiers dropped in binding reference of type %t1 to initializer of type %t2"
436 "a reference of type %t1 (not const-qualified) cannot be initialized with a value of type %t2"
437 "a pointer to function may not be deleted"
438 "conversion function must be a nonstatic member function"
439 "template declaration is not allowed here"
440 "expected a \"<\""
441 "expected a \">\""
442 "template parameter declaration is missing"
443 "argument list for %nf is missing"
444 "too few arguments for %nf"
445 "too many arguments for %nf"
447 "%n1 is not used in declaring the parameter types of %n2"
448 "two nested types have the same name: %no1 and %nod2 (cfront compatibility)"
449 "global %no1 was declared after nested %nod2 (cfront compatibility)"
451 "more than one instance of %n matches the required type"
452 "the type \"long long\" is nonstandard"
453 "omission of %sq is nonstandard"
454 "return type may not be specified on a conversion function"
455 "detected during:"
456 "instantiation of %nt %p"
457 "implicit generation of %nt %p"
458 "excessive recursion at instantiation of %n"
459 "%sq is not a function or static data member"
460 "argument of type %t1 is incompatible with template parameter of type %t2"
461 "initialization requiring a temporary or conversion is not allowed"
462 "declaration of %sq hides function parameter"
463 "initial value of reference to non-const must be an lvalue"
464 "implicit definition of %nt %p"
465 "\"template\" is not allowed"
466 "%t is not a class template"
468 "\"main\" is not a valid name for a function template"
469 "invalid reference to %n (union/nonunion mismatch)"
470 "a template argument may not reference a local type"

471 "tag kind of %s is incompatible with declaration of %nfd"
472 "the global scope has no tag named %sq"
473 "%n has no tag member named %sq"
474 "member function typedef (allowed for cfront compatibility)"
475 "%n may be used only in pointer-to-member declaration"
477 "a template argument may not reference a non-external entity"
478 "name followed by \":::~\" must be a class name or a type name"
479 "destructor name does not match name of class %t"
480 "type used as destructor name does not match type %t"
481 "%n redeclared \"inline\" after being called"
483 "invalid storage class for a template declaration"
484 "%n is an inaccessible type (allowed for cfront compatibility)"
486 "invalid explicit instantiation declaration"
487 "%nf is not an entity that can be instantiated"
488 "compiler generated %n cannot be explicitly instantiated"
489 "inline %n cannot be explicitly instantiated"
491 "%n cannot be instantiated -- no template definition was supplied"
492 "%n cannot be instantiated -- it has been explicitly specialized"
495 "no instance of %n matches the specified type"
496 "declaring a void parameter list with a typedef is nonstandard"
497 "global %n1 used instead of %n2 (cfront compatibility)"
498 "template parameter %sq may not be redeclared in this scope"
499 "declaration of %sq hides template parameter"
500 "template argument list must match the parameter list"
502 "extra parameter of postfix \"operator%s\" must be of type \"int\""
503 "an operator name must be declared as a function"
504 "operator name is not allowed"
505 "%n cannot be specialized in the current scope"
506 "nonstandard form for taking the address of a member function"
507 "too few template parameters -- does not match previous declaration"
508 "too many template parameters -- does not match previous declaration"
509 "function template for operator delete(void *) is not allowed"
510 "class template and template parameter may not have the same name"
512 "a template argument may not reference an unnamed type"
513 "enumerated type is not allowed"
514 "type qualifier on a reference type is not allowed"
515 "a value of type %t1 cannot be assigned to an entity of type %t2"
516 "pointless comparison of unsigned integer with a negative constant"
517 "cannot convert to incomplete class %t"
518 "const object requires an initializer"
519 "object has an uninitialized const or reference member"
520 "nonstandard preprocessing directive"
521 "%n may not have a template argument list"
522 "initialization with \"{...}\" expected for aggregate object"
523 "pointer-to-member selection class types are incompatible (%t1 and %t2)"
524 "pointless friend declaration"
525 "\\.\" used in place of \":::~\" to form a qualified name (cfront anachronism)"
526 "non-const function called for const object (anachronism)"
527 "a dependent statement may not be a declaration"
528 "a parameter may not have void type"
529 "instantiation of %na %p"
530 "processing of template argument list for %na %p"
531 "this operator is not allowed in a template argument expression"
532 "try block requires at least one handler"
533 "handler requires an exception declaration"
534 "handler is masked by default handler"
535 "handler is potentially masked by previous handler for type %t"
536 "use of a local type to specify an exception"

537 "redundant type in exception specification"
538 "exception specification is incompatible with that of previous %nd%s"
539 "previously specified: no exceptions will be thrown"
540 "previously omitted: %t"
541 "previously specified but omitted here: %t"
542 "support for exception handling is disabled"
543 "omission of exception specification is incompatible with previous %nd"
544 "could not create instantiation request file %sq"
545 "non-arithmetic operation not allowed in nontype template argument"
546 "use of a local type to declare a nonlocal variable"
547 "use of a local type to declare a function"
548 "transfer of control bypasses initialization of:"
549 "%nd"
550 "transfer of control into an exception handler"
551 "%n is used before its value is set"
552 "%n was set but never used"
553 "%n cannot be defined in the current scope"
554 "exception specification is not allowed"
555 "external/internal linkage conflict for %nfd"
556 "%nf will not be called for implicit or explicit conversions"
557 "tag kind of %s is incompatible with template parameter of type %t"
558 "function template for operator new(size_t) is not allowed"
560 "pointer to member of type %t is not allowed"
561 "ellipsis is not allowed in operator function parameter list"
562 "%no is reserved for future use as a keyword"
563 "invalid macro definition: "
564 "invalid macro undefinition: "
565 "invalid preprocessor output file "
566 "cannot open preprocessor output file "
567 "IL file name must be specified if input is "
568 "invalid IL output file "
569 "cannot open IL output file "
570 "invalid C output file "
571 "cannot open C output file "
572 "error in debug option argument"
573 "invalid option: "
574 "back end requires name of IL file"
575 "could not open IL file "
576 "invalid number: "
577 "incorrect host CPU id"
578 "invalid instantiation mode: "
579 "option too long: "
581 "invalid error limit: "
582 "invalid raw-listing output file "
583 "cannot open raw-listing output file "
584 "invalid cross-reference output file "
585 "cannot open cross-reference output file "
586 "invalid error output file "
587 "cannot open error output file "
588 "virtual function tables can only be suppressed when compiling C++"
589 "anachronism option can be used only when compiling C++"
590 "instantiation mode option can be used only when compiling C++"
591 "automatic instantiation mode can be used only when compiling C++"
592 "implicit template inclusion mode can be used only when compiling C++"
593 "exception handling option can be used only when compiling C++"
594 "strict ANSI mode is incompatible with K&R mode"
595 "strict ANSI mode is incompatible with cfront mode"
596 "missing source file name"

597 "output files may not be specified when compiling several input files"
598 "too many arguments on command line"
599 "an output file was specified, but none is needed"
600 "IL display requires name of IL file"
601 "a template parameter may not have void type"
602 "excessive recursive instantiation of %n due to instantiate-all mode"
603 "strict ANSI mode is incompatible with allowing anachronisms"
604 "a throw expression may not have void type"
605 "local instantiation mode is incompatible with automatic instantiation"
606 "parameter of abstract class type %t is not allowed:"
607 "array of abstract class %t is not allowed:"
608 "floating-point template parameter is nonstandard"
609 "this pragma must immediately precede a declaration"
610 "this pragma must immediately precede a statement"
611 "this pragma must immediately precede a declaration or statement"
612 "this kind of pragma may not be used here"
614 "overloaded virtual function %no1 is only partially overridden in %n2"
615 "specific definition of inline template function must precede its first use"
616 "invalid error tag in diagnostic control option: "
617 "invalid error number in diagnostic control option: "
618 "parameter type involves pointer to array of unknown bound"
619 "parameter type involves reference to array of unknown bound"
620 "pointer-to-member-function cast to pointer to function"
621 "struct or union declares no named members"
622 "nonstandard unnamed field"
623 "nonstandard unnamed member"
625 "invalid precompiled header output file "
626 "cannot open precompiled header output file "
627 "%sq is not a type name"
628 "cannot open precompiled header input file "
629 "precompiled header file %sq is either invalid or not generated by this version of the compiler"
630 "precompiled header file %sq was not generated in this directory"
631 "header files used to generate precompiled header file %sq have changed"
632 "the command line options do not match those used when precompiled header file %sq was created"
633 "the initial sequence of preprocessing directives is not compatible with those of precompiled header file %sq"
634 "unable to obtain mapped memory"
635 "\"%s\": using precompiled header file \"%s\""
636 "\"%s\": creating precompiled header file \"%s\""
637 "memory usage conflict with precompiled header file %sq"
638 "invalid PCH memory size "
639 "PCH options must appear first in the command line"
640 "insufficient memory for PCH memory allocation"
641 "precompiled header files may not be used when compiling several input files"
642 "insufficient preallocated memory for generation of precompiled header file (%s bytes required)"
643 "very large entity in program prevents generation of precompiled header file"
644 "%sq is not a valid directory"
645 "cannot build temporary file name"
646 "\"restrict\" is not allowed"
647 "a pointer or reference to function type may not be qualified by \"restrict\""
648 "%sq is an unrecognized __declspec attribute"
649 "a calling convention modifier may not be specified here"
650 "conflicting calling convention modifiers"
651 "strict ANSI mode is incompatible with Microsoft mode"
652 "cfront mode is incompatible with Microsoft mode"
653 "calling convention specified here is ignored"
654 "a calling convention may not be followed by a nested declarator"
655 "calling convention is ignored for this type"
657 "declaration modifiers are incompatible with previous declaration"

658 "the modifier %sq is not allowed on this declaration"
659 "transfer of control into a try block"
660 "inline specification is incompatible with previous %nod"
661 "closing brace of template definition not found"
662 "wchar_t keyword option can be used only when compiling C++"
663 "invalid packing alignment value"
664 "expected an integer constant"
665 "call of pure virtual function"
666 "invalid source file identifier string"
667 "a class template cannot be defined in a friend declaration"
668 "\"asm\" is not allowed"
669 "\"asm\" must be used with a function definition"
670 "\"asm\" function is nonstandard"
671 "ellipsis with no explicit parameters is nonstandard"
672 "\"&...\" is nonstandard"
673 "invalid use of \"&...\""
675 "temporary used for initial value of reference to const volatile (anachronism)"
676 "a reference of type %t1 cannot be initialized with a value of type %t2"
677 "initial value of reference to const volatile must be an lvalue"
678 "SVR4 C compatibility option can be used only when compiling ANSI C"
679 "using out-of-scope declaration of %nd"
680 "strict ANSI mode is incompatible with SVR4 C mode"
681 "call of %nd cannot be inlined"
682 "%n cannot be inlined"
683 "invalid PCH directory: "
684 "expected __except or __finally"
685 "a __leave statement may only be used within a __try"
686 "detected during instantiation of %nt %p"
687 "detected during implicit generation of %nt %p"
688 "detected during instantiation of %na %p"
689 "detected during processing of template argument list for %na %p"
690 "detected during implicit definition of %nt %p"
691 "%sq not found on pack alignment stack"
692 "empty pack alignment stack"
693 "RTTI option can be used only when compiling C++"
694 "%nf, required for copy that was eliminated, is inaccessible"
695 "%nf, required for copy that was eliminated, is not callable because reference parameter cannot be bound to rvalue"
696 "<typeinfo> must be included before typeid is used"
697 "%s cannot cast away const or other type qualifiers"
698 "the type in a dynamic_cast must be a pointer or reference to a complete class type, or void *"
699 "the operand of a pointer dynamic_cast must be a pointer to a complete class type"
700 "the operand of a reference dynamic_cast must be an lvalue of a complete class type"
701 "the operand of a runtime dynamic_cast must have a polymorphic class type"
702 "bool option can be used only when compiling C++"
704 "an array type is not allowed here"
705 "expected an \"=\""
706 "expected a declarator in condition declaration"
707 "%sq, declared in condition, may not be redeclared in this scope"
708 "default template arguments are not allowed for function templates"
709 "expected a \",\" or \">\""
710 "expected a template parameter list"
711 "incrementing a bool value is deprecated"
712 "bool type is not allowed"
713 "offset of base class %no1 within class %no2 is too large"
714 "expression must have bool type (or be convertible to bool)"
715 "array new and delete option can be used only when compiling C++"
716 "%n is not a variable name"
717 "__based modifier is not allowed here"

718 "__based does not precede a pointer operator, __based ignored"
719 "variable in __based modifier must have pointer type"
720 "the type in a const_cast must be a pointer, reference, or pointer to member to an object type"
721 "a const_cast can only adjust type qualifiers; it cannot change the underlying type"
722 "mutable is not allowed"
723 "redeclaration of %n is not allowed to alter its access"
724 "nonstandard format string conversion"
725 "use of alternative token \"<\" appears to be unintended"
726 "use of alternative token \"%%:\" appears to be unintended"
727 "namespace definition is not allowed"
728 "name must be a namespace name"
729 "namespace alias definition is not allowed"
730 "namespace-qualified name is required"
731 "a namespace name is not allowed"
732 "invalid combination of DLL attributes"
733 "%n is not a class template"
734 "array with incomplete element type is nonstandard"
735 "allocation operator may not be declared in a namespace"
736 "deallocation operator may not be declared in a namespace"
737 "%np1 conflicts with using-declaration of %np2"
738 "using-declaration of %np1 conflicts with %npd2"
739 "namespaces option can be used only when compiling C++"
740 "using-declaration ignored -- it refers to the current namespace"
741 "a class-qualified name is required"
742 "argument types are: (%s)"
743 "operand types are: %s"
745 "%n has no actual member %sq"
747 "incompatible memory attributes specified"
748 "memory attribute ignored"
749 "memory attribute may not be followed by a nested declarator"
750 "memory attribute specified more than once"
751 "calling convention specified more than once"
752 "a type qualifier is not allowed"
753 "%npd1 was used before its template was declared"
754 "static and nonstatic member functions with same parameter types cannot be overloaded"
755 "no prior declaration of %np"
756 "a template-id is not allowed"
757 "a class-qualified name is not allowed"
758 "%n may not be redeclared in the current scope"
759 "qualified name is not allowed in namespace member declaration"
760 "%n is not a type name"
761 "explicit instantiation is not allowed in the current scope"
762 "%n cannot be explicitly instantiated in the current scope"
763 "%n explicitly instantiated more than once"
764 "typename may only be used within a template"
765 "special_subscript_cost option can be used only when compiling C++"
766 "typename option can be used only when compiling C++"
767 "implicit typename option can be used only when compiling C++"
768 "nonstandard character at start of object-like macro definition"
769 "exception specification for virtual %n1 is incompatible with that of overridden %n2"
770 "conversion from pointer to smaller integer"
771 "exception specification for implicitly declared virtual %n1 is incompatible with that of overridden %n2"
772 "%no1, implicitly called from %np2, is ambiguous"
773 "option \"explicit\" can be used only when compiling C++"
774 "\"explicit\" is not allowed"
775 "declaration conflicts with %sq (reserved class name)"
776 "only \"()\" is allowed as initializer for array %n"
777 "\"virtual\" is not allowed in a function template declaration"

778 "invalid anonymous union -- class member template is not allowed"
779 "template nesting depth does not match the previous declaration of %n"
780 "this declaration cannot have multiple \"template <...>\" clauses"
781 "option to control the for-init scope can be used only when compiling C++"
782 "%sq, declared in for-loop initialization, may not be redeclared in this scope"
783 "reference is to %nd1 -- under old for-init scoping rules it would have been %nd2"
784 "option to control warnings on for-init differences can be used only when compiling C++"
785 "definition of virtual %n is required here"
786 "empty comment interpreted as token-pasting operator \"##\""
787 "a storage class is not allowed in a friend declaration"
788 "template parameter list for %no is not allowed in this declaration"
789 "%n is not a valid member class or function template"
790 "not a valid member class or function template declaration"
791 "a template declaration containing a template parameter list may not be followed by an explicit specialization
declaration"
792 "explicit specialization of %n1 must precede the first use of %n2"
793 "explicit specialization is not allowed in the current scope"
794 "partial specialization of %n is not allowed"
795 "%nf is not an entity that can be explicitly specialized"
796 "explicit specialization of %n must precede its first use"
797 "template parameter %sq may not be used in an elaborated type specifier"
798 "specializing %n requires \"template<>\" syntax"
801 "option \"old_specializations\" can be used only when compiling C++"
802 "specializing %n without \"template<>\" syntax is nonstandard"
803 "this declaration may not have extern \"C\" linkage"
804 "%sq is not a class or function template name in the current scope"
805 "specifying a default argument when redeclaring an unreferenced function template is nonstandard"
806 "specifying a default argument when redeclaring an already referenced function template is not allowed"
807 "cannot convert pointer to member of base class %t2 to pointer to member of derived class %t1 -- base class is
virtual"
808 "exception specification is incompatible with that of %nd%s"
809 "omission of exception specification is incompatible with %nd"
810 "unexpected end of default argument expression"
811 "name %sq too long, truncated"
812 "command file already in use when processing -@"
813 "cannot open command file "
814 "duplicate shell options list"
815 "pragma %s not applicable to %np"
816 "missing required string parameter to pragma %s"
817 "missing required integer parameter to pragma %s"
818 "integer parameter of pragma %s must be power of 2"
819 "alignment greater than 2 not supported in pragma %s"
820 "illegal optional interrupt type %s"
821 "badly formed pragma"
822 "badly formed pragma, expected a string"
823 "pragma %s1 can only be applied to a file level symbol, not %nod1"
824 "pragma %s can only be applied to a file level symbol definition, not %nod1"
825 "pragma %s can only be applied to a file level symbol declaration, not %nod1"
826 "pragma %s can only be applied to an externally defined function, not to a C function; %nod1"
827 "specified symbol %s' undefined"
828 "invalid symbol for specified pragma"
829 "symbol %s' invalid for specified pragma"
830 "error processing pragma %s, verify format"
831 "illegal port specification"
832 "interrupt declarations can only be applied to file scope functions returning void"
833 "no parameters allowed for interrupt functions such as %s"
834 "illegal combination of type qualifiers"
835 "pragma must occur within the scope of a function"

836 "DATA_SECTION pragma for '%s' specifies different section"
837 "pragma can only be applied to a file level symbol, not '%s'"
838 "unrecognized %s1 name '%s2'"
839 "illegal type for %s1 '%s2'"
840 "unrecognized global name '%s'"
841 "illegal type for global '%s'"
842 "bank operand for pragma %s is out of range for specified target"
843 "pragma %s1 can only be applied to a variable, not '%s2'"
844 "'%s2' is of type not supported by pragma %s1"
845 "cannot align '%s' on requested bank"
846 "pragma %s can only be applied to a file level structure definition"
847 "trap vector slot %s is not legal"
848 "illegal symbol for pragma %s"
849 "illegal combination of const-init variable with non-const-init variable in section %s"
850 "cannot apply DATA_MEM_BANK pragma to variable '%s' because it is within an interrupt function"
851 "cannot apply both DATA_MEM_BANK and DATA_ALIGN pragmas to variable '%s'"
852 "alignment of %s3 not supported, aligning variable '%s1' to an even bank boundary %s2"
853 "missing arguments in option override option"
854 "DATA_MEM_BANK pragma is not supported for C621x and C671x parts"
855 "%s pragma must immediately precede for/while/do-while"
856 "parameter min cannot be > max in %s pragma"
857 "%s pragma must have one parameter"
858 "%s pragma must have 1 or 2 parameters"
859 "%s pragma must have 1, 2, or 3 parameters"
860 "%s pragma parameter must be greater than zero"
861 "covariant return types of virtual functions not fully supported"
862 "default-initialization of reference is not allowed"
863 "uninitialized %n has a const member"
864 "uninitialized base class %t has a const member"
865 "const %n requires an initializer -- class %t has no explicitly declared default constructor"
866 "const object requires an initializer -- class %t has no explicitly declared default constructor"
867 "option \"implicit_extern_c_type_conversion\" can be used only when compiling C++"
868 "strict ANSI mode is incompatible with long preserving rules"
869 "type qualifier on return type is meaningless"
870 "in a function definition a type qualifier on a \"void\" return type is not allowed"
871 "static data member declaration is not allowed in this class"
872 "template instantiation resulted in an invalid function declaration"
873 "\"...\" is not allowed"
874 "option \"extern_inline\" can be used only when compiling C++"
875 "extern inline %n was referenced but not defined"
876 "invalid destructor name for type %t"
878 "destructor reference is ambiguous -- both %n1 and %n2 could be used"
879 "virtual inline %n was never defined"
880 "%n was never referenced"
881 "only one member of a union may be specified in a constructor initializer list"
882 "support for \"new[]\" and \"delete[]\" is disabled"
883 "\"double\" used for \"long double\" in generated C code"
884 "%n has no corresponding operator delete%s (to be called if an exception is thrown during initialization of an allocated object)"
885 "support for placement delete is disabled"
886 "no appropriate operator delete is visible"
887 "pointer or reference to incomplete type is not allowed"
888 "invalid partial specialization -- %n is already fully specialized"
889 "incompatible exception specifications"
890 "returning reference to local variable"
891 "omission of explicit type is nonstandard (\"int\" assumed)"
892 "more than one partial specialization matches the template argument list of %n"
893 "%no"

894 "a template argument list is not allowed in a declaration of a primary template"
895 "partial specializations may not have default template arguments"
896 "%n1 is not used in template argument list of %n2"
897 "the type of partial specialization template parameter %n depends on another template parameter"
898 "the template argument list of the partial specialization includes a nontype argument whose type depends on a template parameter"
899 "this partial specialization would have been used to instantiate %n"
900 "this partial specialization would have been made the instantiation of %n ambiguous"
901 "expression must have integral or enum type"
902 "expression must have arithmetic or enum type"
903 "expression must have arithmetic, enum, or pointer type"
904 "type of cast must be integral or enum"
905 "type of cast must be arithmetic, enum, or pointer"
906 "expression must be a pointer to a complete object type"
908 "a partial specialization nontype argument must be the name of a nontype parameter or a constant"
909 "return type is not identical to return type %t of overridden virtual function %n"
910 "option \"guiding_decls\" can be used only when compiling C++"
911 "a partial specialization of a class template must be declared in the namespace of which it is a member"
912 "%n is a pure virtual function"
913 "pure virtual %n has no overrider"
914 "__declspec attributes ignored"
915 "invalid character in input line"
916 "function returns incomplete type %t"
917 "effect of this \"#pragma pack\" directive is local to %n"
918 "%s is not a template"
919 "a friend declaration may not declare a partial specialization"
920 "exception specification ignored"
921 "declaration of \"size_t\" does not match the expected type %t"
922 "space required between adjacent \">\" delimiters of nested template argument lists (\">>\" is the right shift operator)"
923 "could not set locale %sq to allow processing of multibyte characters"
924 "invalid multibyte character sequence"
925 "template instantiation resulted in unexpected function type of %t1 (the meaning of a name may have changed since the template declaration -- the type of the template is %t2)"
926 "ambiguous guiding declaration -- more than one function template %no matches type %t"
927 "non-integral operation not allowed in nontype template argument"
928 "option \"embedded_c++\" can be used only when compiling C++"
929 "Embedded C++ does not support templates"
930 "Embedded C++ does not support exception handling"
931 "Embedded C++ does not support namespaces"
932 "Embedded C++ does not support run-time type information"
933 "Embedded C++ does not support the new cast syntax"
934 "Embedded C++ does not support using-declarations"
935 "Embedded C++ does not support \"mutable\""
936 "Embedded C++ does not support multiple or virtual inheritance"
937 "invalid Microsoft version number: "
938 "pointer-to-member representation %sq has already been set for %n"
939 "%t1 cannot be used to designate constructor for %t2"
940 "invalid suffix on integral constant"
941 "operand of __uuidof must have a class or enum type for which __declspec(uuid(\"...\")) has been specified"
942 "invalid GUID string in __declspec(uuid(\"...\"))"
943 "option \"vla\" can be used only when compiling C"
944 "variable length array with unspecified bound is not allowed"
945 "an explicit template argument list is not allowed on this declaration"
946 "an entity with linkage cannot have a type involving a variable length array"
947 "a variable length array cannot have static storage duration"
948 "%n is not a template"
949 "variable length array dimension (declared %p)"

950 "expected a template argument"
952 "nonmember operator requires a parameter with class or enum type"
953 "option \"enum_overloading\" can be used only when compiling C++"
955 "qualifier of destructor name %t1 does not match type %t2"
956 "type qualifier ignored"
957 "option \"nonstd_qualifier_deduction\" can be used only when compiling C++"
959 "incorrect property specification; correct form is __declspec(property(get=name1,put=name2))"
960 "property has already been specified"
961 "__declspec(property) is not allowed on this declaration"
962 "member is declared with __declspec(property), but no \"get\" function was specified"
963 "the __declspec(property) \"get\" function %sq is missing"
964 "member is declared with __declspec(property), but no \"put\" function was specified"
965 "the __declspec(property) \"put\" function %sq is missing"
966 "ambiguous class member reference -- %nd1 used in preference to %nd2"
967 "missing or invalid segment name in __declspec(allocate(\"...\"))"
968 "__declspec(allocate) is not allowed on this declaration"
969 "a segment name has already been specified"
970 "cannot convert pointer to member of derived class %t1 to pointer to member of base class %t2 -- base class is virtual"
971 "invalid directory for instantiation files: "
972 "option \"one_instantiation_per_object\" can be used only when compiling C++"
973 "invalid output file: %sq"
974 "cannot open output file: %s1q - %s2"
975 "an instantiation information file name may not be specified when compiling several input files"
976 "option \"one_instantiation_per_object\" may not be used when compiling several input files"
977 "more than one command line option matches the abbreviation \"--%s\"."
978 "--%s"
979 "type qualifiers on function types are ignored"
980 "cannot open definition list file: %sq"
981 "late/early tiebreaker option can be used only when compiling C++"
982 "incorrect use of va_start"
983 "incorrect use of va_arg"
984 "incorrect use of va_end"
985 "pending instantiations option can be used only when compiling C++"
986 "invalid directory for #import files: "
987 "an import directory can be specified only in Microsoft mode"
988 "a member with reference type is not allowed in a union"
989 "\"typedef\" may not be specified here"
990 "redeclaration of %n alters its access"
991 "a class or namespace qualified name is required"
992 "return type \"int\" omitted in declaration of function \"main\""
993 "pointer-to-member representation %sq is too restrictive for %n"
994 "missing return statement at end of non-void %n"
995 "duplicate using-declaration of %no ignored"
996 "enum bit-fields are always unsigned, but enum %t includes negative enumerator"
997 "option \"class_name_injection\" can be used only when compiling C++"
998 "option \"arg_dep_lookup\" can be used only when compiling C++"
999 "option \"friend_injection\" can be used only when compiling C++"
1000 "name following \"template\" must be a member template"
1002 "nonstandard local-class friend declaration -- no prior declaration in the enclosing scope"
1003 "specifying a default argument on this declaration is nonstandard"
1004 "option \"nonstd_using_decl\" can be used only when compiling C++"
1005 "return type of function \"main\" must be \"int\""
1006 "a nontype template parameter may not have class type"
1007 "a default template argument cannot be specified on the declaration of a member of a class template outside of its class"
1008 "a return statement is not allowed in a handler of a function try block of a constructor"
1009 "ordinary and extended designators cannot be combined in an initializer designation"

1010 "the second subscript must not be smaller than the first"
1011 "option \"designators\" can be used only when compiling C"
1012 "option \"extended_designators\" can be used only when compiling C"
1013 "declared size for bit field is larger than the size of the bit field type; truncated to %s bits"
1014 "type used as constructor name does not match type %t"
1015 "use of a type with no linkage to declare a variable with linkage"
1016 "use of a type with no linkage to declare a function"
1017 "return type may not be specified on a constructor"
1018 "return type may not be specified on a destructor"
1019 "incorrectly formed universal character name"
1020 "universal character name specifies an invalid character"
1021 "a universal character name cannot designate a character in the basic character set"
1022 "this universal character is not allowed in an identifier"
1023 "the identifier __VA_ARGS__ can only appear in the replacement lists of variadic macros"
1024 "the qualifier on this friend declaration is ignored"
1025 "array range designators cannot be applied to dynamic initializers"
1026 "property name cannot appear here"
1027 "\"inline\" used as a function qualifier is ignored"
1028 "option \"compound_literals\" can be used only when compiling C"
1029 "a variable-length array type is not allowed"
1030 "a compound literal is not allowed in an integral constant expression"
1031 "a compound literal of type %t is not allowed"
1032 "a template friend declaration cannot be declared in a local class"
1033 "ambiguous \"?\" operation: second operand of type %t1 can be converted to third operand type %t2, and vice versa"
1034 "call of an object of a class type without appropriate operator() or conversion functions to pointer-to-function type"
1035 "surrogate function from conversion %np"
1036 "there is more than one way an object of type %t can be called for the argument list:"
1037 "typedef name has already been declared (with similar type)"
1038 "operator new and operator delete cannot be given internal linkage"
1039 "storage class \"mutable\" is not allowed for anonymous unions"
1040 "invalid precompiled header file"
1041 "abstract class type %t is not allowed as catch type:"
1042 "a qualified function type cannot be used to declare a nonmember function or a static member function"
1043 "a qualified function type cannot be used to declare a parameter"
1044 "cannot create a pointer or reference to qualified function type"
1045 "extra braces are nonstandard"
1046 "invalid macro definition: "
1047 "subtraction of pointer types %t1 and %t2 is nonstandard"
1048 "an empty template parameter list is not allowed in a template template parameter declaration"
1049 "expected \"class\""
1050 "the \"class\" keyword must be used when declaring a template template parameter"
1051 "%np2 is hidden by %no1 -- virtual function override intended?"
1052 "a qualified name is not allowed for a friend declaration that is a function definition"
1053 "%n1 is not compatible with %n2"
1054 "a storage class may not be specified here"
1055 "class member designated by a using-declaration must be visible in a direct base class"
1057 "Sun mode is incompatible with cfront mode"
1058 "strict ANSI mode is incompatible with Sun mode"
1059 "Sun mode is only allowed when compiling C++"
1060 "a template template parameter cannot have the same name as one of its template parameters"
1061 "recursive instantiation of default argument"
1063 "%n is not an entity that can be defined"
1064 "destructor name must be qualified"
1065 "friend class name may not be introduced with \"typename\""
1066 "a using-declaration may not name a constructor or destructor"
1067 "a qualified friend template declaration must refer to a specific previously declared template"
1068 "invalid specifier in class template declaration"

1069 "argument is incompatible with formal parameter"
1070 "option \"dep_name\" can be used only when compiling C++"
1071 "loop in sequence of \"operator->\" functions starting at class %t1"
1072 "%n has no member class %sq"
1073 "the global scope has no class named %sq"
1074 "recursive instantiation of template default argument"
1075 "access declarations and using-declarations cannot appear in unions"
1076 "%no is not a class member"
1077 "nonstandard member constant declaration is not allowed"
1078 "option \"ignore_std\" can be used only when compiling C++"
1079 "option \"parse_templates\" can be used only when compiling C++"
1080 "option \"dep_name\" cannot be used with \"no_parse_templates\""
1081 "language modes specified are incompatible"
1082 "invalid redeclaration of nested class"
1083 "type containing an unknown-size array is not allowed"
1084 "a variable with static storage duration cannot be defined within an inline function"
1085 "an entity with internal linkage cannot be referenced within an inline function with external linkage"
1086 "argument type %t does not match this type-generic function macro"
1087 "variable length array %nod"
1088 "friend declaration cannot add default arguments to previous declaration"
1089 "%n cannot be declared in this scope"
1090 "the reserved identifier %sq may only be used inside a function"
1091 "this universal character cannot begin an identifier"
1092 "expected a string literal"
1093 "unrecognized STDC pragma"
1094 "expected \"ON\", \"OFF\", or \"DEFAULT\""
1095 "a STDC pragma may only appear between declarations in the global scope or before any statements or declarations in a block scope"
1096 "incorrect use of va_copy"
1097 "%s can only be used with floating-point types"
1098 "complex type is not allowed"
1099 "invalid designator kind"
1100 "floating-point value cannot be represented exactly"
1101 "complex floating-point operation result is out of range"
1102 "conversion between real and imaginary yields zero"
1103 "an initializer cannot be specified for a flexible array member"
1104 "imaginary *= imaginary sets the left-hand operand to zero"
1105 "standard requires that %n be given a type by a subsequent declaration (\"int\" assumed)"
1106 "a definition is required for inline %n"
1107 "conversion from integer to smaller pointer"
1108 "a floating-point type must be included in the type specifier for a _Complex or _Imaginary type"
1109 "Invalid pragma (%s) for large memory model"
1110 "const %n has no initializer"
1111 "pragma %s can only be applied to a function definition, not %nod1"
1112 "pragma %s can only be applied to a function, not %nod1"
1113 "unrecognized state in pragma %s"
1114 "ioport qualifier not supported for this target"
1115 "syntax error or ioport out of range"
1116 "may want to suffix float constant with an f"
1117 "incorrect use of __va_parmadr"
1118 "this assembly directive not allowed inside a function"
1119 "this assembly directive potentially unsafe inside a function"
1120 "this assembly directive not allowed at this scope"
1121 "this assembly directive potentially unsafe at this scope"
1122 "error processing option overrides"
1123 "invalid align structs value"
1124 "pragma %s ignored during assembly header translation"
1125 "definition of variable %nf ignored"

1126 "definition of variable '%s' ignored"
1127 "definition of function %nf ignored"
1128 "definition of function '%s' ignored"
1129 "function-like macro '%s' ignored during assembly header translation"
1130 "complex string macro '%s' ignored during assembly header translation"
1131 "types cannot be declared in anonymous unions"
1132 "returning pointer to local variable"
1133 "returning pointer to local temporary"
1134 "option \"export\" can be used only when compiling C++"
1135 "option \"export\" cannot be used with \"no_dep_name\""
1136 "option \"export\" cannot be used with \"implicit_include\""
1137 "declaration of %n is incompatible with a declaration in another translation unit"
1138 "the other declaration is %p"
1139 "detected during compilation of secondary translation unit %sq"
1140 "compilation of secondary translation unit %sq"
1141 "a field declaration cannot have a type involving a variable length array"
1142 "declaration of %n had a different meaning during compilation of %sq"
1143 "expected \"template\""
1144 "\"export\" cannot be used on an explicit instantiation"
1145 "\"export\" cannot be used on this declaration"
1146 "a member of an unnamed namespace cannot be declared \"export\""
1147 "a template cannot be declared \"export\" after it has been defined"
1148 "a declaration cannot have a label"
1149 "support for exported templates is disabled"
1150 "cannot open exported template file: %sq"
1151 "%n already defined during compilation of %sq"
1152 "%n already defined in another translation unit"
1153 "a non-static local variable may not be used in a __based specification"
1154 "the option to list makefile dependencies may not be specified when compiling more than one translation unit"
1156 "the option to generate preprocessed output may not be specified when compiling more than one translation unit"
1157 "a field with the same name as its class cannot be declared in a class with a user-declared constructor"
1158 "\"implicit_include\" cannot be used when compiling more than one translation unit"
1159 "exported template file %sq is corrupted"
1160 "%n cannot be instantiated -- it has been explicitly specialized in the translation unit containing the exported definition"
1161 "object type is: %s"
1162 "the object has cv-qualifiers that are not compatible with the member %n"
1163 "no instance of %n matches the argument list and object (the object has cv-qualifiers that prevent a match)"
1164 "an attribute specifies a mode incompatible with %t"
1165 "there is no type with the width specified"
1166 "invalid alignment value specified by attribute"
1167 "invalid attribute for %t"
1168 "invalid attribute for %n"
1169 "invalid attribute for parameter"
1170 "attribute %sq does not take arguments"
1172 "expected an attribute name"
1173 "attribute %sq ignored"
1174 "attributes may not appear here"
1175 "invalid argument to attribute %sq"
1176 "the %sq attribute is ignored in a typedef"
1177 "in \"goto *expr\", expr must have type \"void *\""
1178 "\"goto *expr\" is nonstandard"
1179 "taking the address of a label is nonstandard"
1180 "file name specified more than once: "
1181 "#warning directive: %s"
1182 "attribute %sq is only allowed in a function definition"
1183 "the \"transparent_union\" attribute only applies to unions, and %t is not a union"
1184 "the \"transparent_union\" attribute is ignored on incomplete types"

1185 "%t cannot be transparent because %n does not have the same size as the union"
1186 "%t cannot be transparent because it has a field of type %t which is not the same size as the union"
1187 "only parameters can be transparent"
1188 "the %sq attribute does not apply to local variables"
1189 "attributes are not permitted in a function definition"
1190 "declarations of local labels should only appear at the start of statement expressions"
1191 "the second constant in a case range must be larger than the first"
1192 "an asm name is not permitted in a function definition"
1193 "an asm name is ignored in a typedef"
1194 "unknown register name \"%s\""
1195 "modifier letter '%s' ignored in asm operand"
1196 "unknown asm constraint modifier '%s\""
1197 "unknown asm constraint letter '%s\""
1198 "asm operand has no constraint letter"
1199 "an asm output operand must have one of the '=' or '+' modifiers"
1200 "an asm input operand may not have the '=' or '+' modifiers"
1201 "too many operands to asm statement (maximum is 10)"
1202 "too many colons in asm statement"
1203 "register \"%s\" used more than once"
1204 "register \"%s\" is both used and clobbered"
1205 "register \"%s\" clobbered more than once"
1206 "register \"%s\" has a fixed purpose and may not be used in an asm statement"
1207 "register \"%s\" has a fixed purpose and may not be clobbered in an asm statement"
1208 "an empty clobbers list must be omitted entirely"
1209 "expected an asm operand"
1210 "expected a register to clobber"
1211 "\"format\" attribute applied to %n which does not have variable arguments"
1212 "first substitution argument is not the first variable argument"
1213 "format argument index is greater than number of parameters"
1214 "format argument does not have string type"
1215 "the \"template\" keyword used for syntactic disambiguation may only be used within a template"
1216 "a debug option must be specified on the command-line for the db_opt pragma to be used"
1218 "attribute does not apply to non-function type %t"
1219 "arithmetic on pointer to void or function type"
1220 "storage class must be auto or register"
1221 "%t1 would have been promoted to %t2 when passed through the ellipsis parameter; use the latter type instead"
1222 "%sq is not a base class member"
1223 "__super cannot appear after \":\""
1224 "__super may only be used in a class scope"
1225 "__super must be followed by \":\""
1226 "[%s instantiation contexts not shown]"
1227 "mangled name is too long"
1228 "declaration aliased to unknown entity %sq"
1229 "declaration does not match its alias %n"
1230 "entity declared as alias cannot have definition"
1231 "variable-length array field type will be treated as zero-length array field type"
1232 "nonstandard cast on lvalue ignored"
1233 "unrecognized flag name "
1234 "void return type cannot be qualified"
1235 "the auto specifier is ignored here (invalid in standard C/C++)"
1236 "a reduction in alignment without the \"packed\" attribute is ignored"
1237 "a member template corresponding to %no is declared as a template of a different kind in another translation unit"
1238 "excess initializers are ignored"
1239 "va_start should only appear in a function with an ellipsis parameter"
1240 "the \"short_enums\" option is only valid in GNU C and GNU C++ modes"
1241 "invalid export information file %sq1 at line number %s2"
1242 "statement expressions are only allowed in block scope"
1243 "from translation unit "

1244 "an asm name is ignored on a non-register automatic variable"
1245 "inline function also declared as an alias; definition ignored"
1246 "unrecognized UPC pragma"
1247 "shared block size does not match one previously specified"
1248 "bracketed expression is assumed to be a block size specification rather than an array dimension"
1249 "the block size of a shared array must be greater than zero"
1250 "multiple block sizes not allowed"
1251 "strict or relaxed requires shared"
1252 "THREADS not allowed in this context"
1253 "block size specified exceeds the maximum value of %s"
1254 "function returning shared is not allowed"
1255 "only arrays of a shared type can be dimensioned to a multiple of THREADS"
1256 "one dimension of an array of a shared type must be a multiple of THREADS when the number of threads is
nonconstant"
1257 "shared type inside a struct or union is not allowed"
1258 "parameters may not have shared types"
1259 "a dynamic THREADS dimension requires a definite block size"
1260 "shared variables must be static or extern"
1261 "argument of upc_blocksizeof is a pointer to a shared type (not shared type itself)"
1262 "affinity expression ignored in nested upc_forall"
1263 "branching into or out of a upc_forall loop is not allowed"
1264 "affinity expression must have a shared type or point to a shared type"
1265 "affinity has shared type (not pointer to shared)"
1266 "shared void* types can only be compared for equality"
1267 "UPC mode is incompatible with C++ and K&R modes"
1268 "null (zero) character in input line ignored"
1269 "null (zero) character in string or character constant"
1270 "null (zero) character in header name"
1271 "declaration in for-initializer hides a declaration in the surrounding scope"
1272 "the hidden declaration is %p"
1273 "the prototype declaration of %nfd is ignored after this unprototyped redeclaration"
1275 "%npd must have external C linkage"
1276 "variable declaration hides declaration in for-initializer"
1277 "typedef %sq may not be used in an elaborated type specifier"
1278 "call of zero constant ignored"
1279 "parameter %sq may not be redeclared in a catch clause of function try block"
1280 "the initial explicit specialization of %n must be declared in the namespace containing the template"
1281 "\"cc\" clobber ignored"
1282 "\"template\" must be followed by an identifier"
1283 "MYTHREAD not allowed in this context"
1284 "layout qualifier cannot qualify pointer to shared"
1285 "layout qualifier cannot qualify an incomplete array"
1286 "declaration of %sq hides handler parameter"
1287 "nonstandard cast to array type ignored"
1288 "this pragma cannot be used in a _Pragma operator (a #pragma directive must be used)"
1289 "field uses tail padding of a base class"
1290 "GNU C++ compilers may use bit field padding"
1291 "use of %nd is deprecated"
1292 "an asm name is not allowed on a nonstatic member declaration"
1293 "unrecognized format function type %sq ignored"
1294 "base class %no1 uses tail padding of base class %no2"
1295 "the \"init_priority\" attribute can only be used for namespace scope variables of class types"
1296 "requested initialization priority is reserved for internal use"
1297 "this anonymous union/struct field is hidden by %nd"
1298 "invalid error number"
1299 "invalid error tag"
1300 "expected an error number or error tag"
1301 "size of class is affected by tail padding"

1302 "labels can be referenced only in function definitions"
1303 "transfer of control into a statement expression is not allowed"
1304 "transfer of control out of a statement expression is not allowed"
1305 "this statement is not allowed inside of a statement expression"
1306 "a non-POD class definition is not allowed inside of a statement expression"
1307 "destructible entities are not allowed inside of a statement expression"
1308 "a dynamically-initialized local static variable is not allowed inside of a statement expression"
1309 "a variable-length array is not allowed inside of a statement expression"
1310 "a statement expression is not allowed inside of a default argument"
1311 "nonstandard conversion between pointer to function and pointer to data"
1312 "interface types cannot have virtual base classes"
1313 "interface types cannot specify \"private\" or \"protected\""
1314 "interface types can only derive from other interface types"
1315 "%t is an interface type"
1316 "interface types cannot have typedef members"
1317 "interface types cannot have user-declared constructors or destructors"
1318 "interface types cannot have user-declared member operators"
1319 "interface types cannot be declared in functions"
1320 "cannot declare interface templates"
1321 "interface types cannot have data members"
1322 "interface types cannot contain friend declarations"
1323 "interface types cannot have nested classes"
1324 "interface types cannot be nested class types"
1325 "interface types cannot have member templates"
1326 "interface types cannot have static member functions"
1327 "this pragma cannot be used in a __pragma operator (a #pragma directive must be used)"
1328 "qualifier must be base class of %t"
1329 "declaration must correspond to a pure virtual member function in the indicated base class"
1330 "integer overflow in internal computation due to size or complexity of %t"
1331 "integer overflow in internal computation"
1332 "__w64 can only be specified on int, long, and pointer types"
1333 "potentially narrowing conversion when compiled in an environment where int, long, or pointer types are 64 bits wide"
1334 "current value of pragma pack is %s"
1335 "arguments for pragma pack(show) are ignored"
1336 "invalid alignment specifier value"
1337 "expected an integer literal"
1338 "earlier __declspec(align(...)) ignored"
1339 "expected an argument value for the %sq attribute parameter"
1340 "invalid argument value for the %sq attribute parameter"
1341 "expected a boolean value for the %sq attribute parameter"
1342 "a positional argument cannot follow a named argument in an attribute"
1343 "attribute %sq1 has no parameter named %sq2"
1344 "expected an argument list for the %sq attribute"
1345 "expected a \",\" or \"]\""
1346 "attribute argument %sq has already been given a value"
1347 "a value cannot be assigned to the %sq attribute"
1348 "a throw expression may not have pointer-to-incomplete type"
1349 "alignment-of operator applied to incomplete type"
1350 "%sq may only be used as a standalone attribute"
1351 "%sq attribute cannot be used here"
1352 "unrecognized attribute %sq"
1353 "attributes are not allowed here"
1354 "invalid argument value for the %sq attribute parameter"
1355 "too many attribute arguments"
1356 "conversion from inaccessible base class %t is not allowed"
1357 "option \"export\" requires distinct template signatures"
1358 "intrinsic (%s) only available within interrupt routines"

1359 "empty gnu statement expression"
1360 "asm statement as last statement in gnu expression statement"
1361 "wrong last statement in gnu statement expression"
1362 "__builtin_expect with second argument not equal to 0 or 1 is ignored"
1363 "__declspec modifiers not valid for this declaration"
1364 "hook function name is not a legal identifier: "
1365 "unrecognized hook parameter: "
1366 "integer constant must be a multiple of %s"
1367 "ensure SVC handler supports a non-void return type"
1368 "%sq is illegal as it is longer than _MAX_PATH"
1369 "static local variables of extern inline function are not resolved to single copy. Not ANSI C++ Compliant"
1370 "32-bit int issue: int result of operation converted to wider type"
1371 "32-bit int issue: constant int expression"
1372 "40-bit declared type not allowed for bit-fields, changed to 32-bit type"