



**CodeWarrior
Development Studio for
Microcontrollers V10.X
MISRA-C:2004
Compliance Exceptions
for the HC(S)08, RS08,
ColdFire, Kinetis and
Power Architecture
Libraries**

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Introduction

The CodeWarrior Development Studio for Microcontrollers V10.x MISRA-C:2004 Compliance Exceptions for the HC(S)08, RS08, ColdFire, Kinetis and Power Architecture Libraries manual covers the MISRA-C:2004 compliance exceptions for the HC(S)08, RS08, ColdFire, Kinetis and Power Architecture libraries.

This document contains following chapters:

[Chapter 2 - HC\(S\)08](#) contains the list of MISRA-C:2004 exceptions for HC(S)08

[Chapter 3 - RS08](#) contains the lists of MISRA-C:2004 exceptions for RS08

[Chapter 4 - ColdFire](#) contains the lists of MISRA-C:2004 exceptions for ColdFire

[Chapter 5 - Kinetis](#) contains the lists of MISRA-C:2004 exceptions for Kinetis

[Chapter 6 - Power Architecture](#) contains the lists of MISRA-C:2004 exceptions for Power Architecture

For a particular target, either HC(S)08, RS08, ColdFire, Kinetis or Power Architecture, the exceptions to MISRA rules are grouped into general exceptions, which apply across all the library projects, and per-project exceptions, which are the exceptions associated with a certain library project. The latter are listed in the order in which they would be identified if the library projects were checked against MISRA rule violation using the PC-Lint tool - one by one, in the same order as the corresponding chapter sections (for example: C Startup, C Startup Tiny, C Startup HCS08 and so on, for HC(S)08).



Introduction

HC(S)08

This chapter contains these topics for HC(S)08:

- [Inline Assembly](#)
- [General Exceptions](#)
- [Per-project Exceptions](#)

Inline Assembly

Inline assembly is altogether ignored when checking for MISRA-C:2004 compliancy.

General Exceptions

The following table lists the exceptions to MISRA-C:2004 rules that apply across all the library projects.

Table 2.1 HC(S)08 general library exceptions to MISRA-C:2004 rules

Exception	MISRA-C:2004 Rule	Reason
Accept non-ANSI reserved words 'near' and 'far'	1.1 REQ + 2.2 REQ	These are HC-08 specific language extensions
Allow the use of modifiers and types outside of typedefs that indicate size and signedness	6.3 ADV	Data type formats are configurable (default size and/or sign can be changed with the -T flexible type management option)
Allow function-like macros	19.7 ADV	Function-like macros allow more efficient code
Allow standard library functions to be #define'd	20.1 REQ	The rule cannot apply to the standard library implementation itself
Allow repeatedly included header files	19.15 REQ	All the library headers are guarded using macros

HC(S)08

Per-project Exceptions

Table 2.1 HC(S)08 general library exceptions to MISRA-C:2004 rules

Exception	MISRA-C:2004 Rule	Reason
Allow multiple exit points for functions	14.7 REQ	Use of multiple return statements can simplify code logic
Allow unions	18.4 REQ	Unions are used for effective representation of floating-point infinity
Allow 'continue' statements	14.5 REQ	Use of 'continue' statements can simplify code logic

Per-project Exceptions

This section lists the following pre-project exceptions:

- [C Startup](#)
- [C Startup Tiny](#)
- [C Startup HCS08](#)
- [C Startup Tiny HCS08](#)
- [C Startup Banked HCS08 with MMU](#)
- [C IEEE32/32](#)
- [C IEEE32/32 Tiny](#)
- [C IEEE32/64](#)
- [C IEEE32/64 Tiny](#)
- [C no float](#)
- [C no float Tiny](#)
- [IEEE32/32 HCS08](#)
- [C IEEE32/32 Tiny HCS08](#)
- [C IEEE32/64 HCS08](#)
- [C IEEE32/64 Tiny HCS08](#)
- [C no float HCS08](#)
- [C no float tiny HCS08](#)
- [C IEEE32/32 banked HCS08 with MMU](#)

- [C IEEE32/64 banked HCS08 with MMU](#)
- [C no float banked HCS08 with MMU](#)

C Startup

This section lists the C Startup pre-project exceptions.

Note #961, Start08.c, line 32: Violates MISRA-C:2004 Advisory Rule 19.1, only preprocessor statements and comments before #include [MISRA-C:2004 Rule 19.1, ADV]

The file being included is 'non_bank.sgm', which is an HC08-specific header file that contains a CODE_SEG pragma only. The declaration of 'main' cannot be moved after the include directive because it would be affected by the CODE_SEG pragma.

Warning #537, Start08.c, line 33: Repeated include file <location of 'non_bank.sgm'> [MISRA-C:2004 Rule 19.15, REQ]

File 'non_bank.sgm' is not a regular header file. Instead, it contains a CODE_SEG pragma and must be included whenever a particular function or set of functions needs to be placed in non-banked memory.

Warning #522, Start08.c, line 324: Highest operation, function 'Init', lacks side-effects [MISRA-C:2004 14.2, REQ]

Function 'Init' contains inline assembly, so it does have side effects (even though PC-Lint deems it a pure function).

Note #961, hief.h, line 114: Violates MISRA-C:2004 Advisory Rule

19.13, '#/##' operator used [MISRA-C:2004 Rule 19.13, ADV]

The message is reported for macro `HALT_AND_QUIT`, which is not a function-like macro. The '#' character in its replacement does not stand for the stringification preprocessing operator:

```
#define HALT_AND_QUIT          HALTX (#32)
```

C Startup Tiny

No new exceptions, once target 'C Startup' has been processed - refer to [C.Startup](#) section for exceptions logged for 'C Startup'.

C Startup HCS08

This section lists the C Startup pre-project exceptions for HCS08.

Note #961, hidef.h, line 147: Violates MISRA-C:2004 Advisory Rule 19.13, '#/##' operator used [MISRA-C:2004 19.13 ADV]

Thanks to `pragma NO_STRING_CONSTR`, the '#' character is not used as the stringification preprocessing operator, but as an inline assembly operator.

Refer to '[C.Startup](#)' section for other exceptions.

C Startup Tiny HCS08

No new exceptions, once target 'C Startup' has been processed - refer to [C.Startup](#) section for exceptions logged for 'C Startup'.

C Startup Banked HCS08 with MMU

No new exceptions, once target 'C Startup' has been processed - refer to [C.Startup](#) section for exceptions logged for 'C Startup'.

C IEEE32/32

This section lists the C Startup pre-project exceptions for HCS08.

Warning #586, assert.c, line 17: function 'abort' is deprecated [MISRA-C:2004 Rule 20.11, REQ]

Function 'abort' is used to implement standard library function 'assert'.

Warning #522, EMBEDDED.c, line 39: Highest operation, a 'constant', lacks side-effects [MISRA-C:2004 14.2, REQ]

The warning is reported for the invocation of 'va_end' in function 'printf' of the standard library.

Warning #586, MATH.c, line 296: variable 'errno' is deprecated [MISRA-C:2004 20.5, REQ]

The warning is reported for uses of variable 'errno' within the HC08 implementation of the standard library.

Warning #527, MATH08F.c, line 104: Unreachable code at token 'return' [MISRA-C:2004 Rule 14.1, REQ]

The 'return' statement belongs to a function that contains inline assembly. It is placed after a labeled inline assembly instruction, so it is reachable via jumps to that label.

Warning #533, MATH08F.c, line 149: function <Name> should return a value [MISRA-C:2004 Rule 16.8, REQ]

The function does return a value. The 'return' statement is placed after a labeled inline assembly instruction.

Warning #616, PRINTF.c, line 443: control flows into case/default [MISRA 2004 Rule 15.2, REQ]

Fall-through is intentional. It simplifies code logic.

Warning #506, PRINTF.c, line 436: Constant value Boolean [MISRA-C:2004 13.7 and 14.1, REQ]

The Boolean value is target-dependent.

Warning #424, ALLOC.C, line 275: Inappropriate deallocation (free) for modified data [MISRA-C:2004 Rule 1.2, REQ]

The message is reported for the deallocation of the remaining unused block , when, in a call to 'realloc', the new block is smaller than the old one:

```
free(p + nunits + 1);
```

where 'nunits' is the size of the new block in allocation units.

Deallocation is appropriate.

Note #960, stdlib.h, line 82: Violates MISRA-C:2004 Required Rule 16.3, all parameters shall have identifiers [MISRA-C:2004 Rule 16.3, REQ]

The message is not reported for a function, but for the function pointer parameter of standard library function 'bsearch'.

Note #960, CTYPE.C, line 150: Violates MISRA-C:2004 Required Rule 10.1, Implicit conversion changes signedness [MISRA-C:2004

Rule 10.1, REQ]

The conversion has no impact on bit pattern interpretation because the expression being converted is integer constant '0'.

Info #773, stdarg.h, line 118: Expression-like macro 'va_end' not parenthesized [MISRA-C:2004 Rules 19.4 and 19.10, REQ]

The macro is never used as an expression operand.

Info #829, EMBEDDED.C, line 19: A +headerwarn option was previously issued for header 'stdio.h' [MISRA-C:2004 Rule 20.9, REQ]

File stdio.h is used within the standard library implementation.

Note #960, stdio.h, line 149: Violates MISRA-C:2004 Required Rule 16.1, function has variable number of arguments [MISRA-C:2004 Rule 16.1, REQ]

The message is reported for the implementation of standard library function 'scanf'.

Note #928, EMBEDDED.C, line 36: cast from pointer to pointer [MISRA-C:2004 Rule 11.4, ADV]

The conversion is to pointer type 'char *'. It is a safe conversion.

Note #934, EMBEDDED.C, line 38: Taking address of near auto vari-

able 'format' (assignment) [MISRA-C:2004 Rule 1.2, REQ]

The library is not dynamically linked. An absolute stack address is obtained when taking the address of the near auto variable.

Info #818, EMBEDDED.C, line 100: Pointer parameter 'stream' could be declared as pointer to const [MISRA-C:2004 Rule 16.7, ADV]

Indeed, the parameter could be declared as pointer to const, but 'fflush' is a standard library, so its prototype is left unchanged.

Note #923, EMBEDDED.C, line 93: cast from int to pointer [MISRA-C:2004 Rule 11.1, REQ] [MISRA-C:2004 Rule 11.3, ADV]

The cast is performed on return from standard library function 'fopen'. It is necessary in order to indicate that there is no support for multiple file descriptors (the descriptor returned by 'fopen' is not to be subsequently used).

Info #777, MATH.C, line 185: Testing floats for equality [MISRA-C:2004 Rule 13.3, REQ]

The purpose of the test is to compare the bit patterns for an exact match.

Info #926, PRINTF.C, line 383: cast from pointer to pointer [MISRA-C:2004 11.4 ADV]

The conversion is necessary and safe.

Note #961, RTSHC08.C: Violates MISRA-C:2004 Advisory Rule

19.13, '#/##' operator used [MISRA-C:2004 19.13 ADV]

The '#' character is not used as the preprocessor stringification operator. It is used as an inline assembly operator.

Note #960, RTSHC08.C: Violates MISRA-C:2004 Required Rule 19.12, Multiple use of '#/##' in macro definition [MISRA-C:2004 19.12 REQ]

The '#' character is not used in a macro definition, as the preprocessor stringification operator. It is used in HLI, as an inline assembly operator.

Note #960, RTSHC08.C: Violates MISRA Required Rule 16.1, function has variable number of arguments [MISRA-C:2004 16.1 REQ]

Most of the functions defined in `rtshc08.c` have a variable number of arguments in order to allow for the arguments to be accessed symbolically, rather than using stack offsets.

Info #773, RTSHC08.C, line 730: Expression-like macro 'r' not parenthesized [MISRA-C:2004 19.4 REQ]

This macro is used in HLI only.

Note #957, RTSHC08.C: Function 'Name' defined without a prototype in scope [MISRA-C:2004 8.1 REQ]

File `rtshc08.c` contains the implementation of the HC08 runtime support. The functions defined here are invoked via jumps in compiler-generated code. They are not meant to be called in user code.

HC(S)08

Per-project Exceptions

Note #960, RTSHC08.C: Violates MISRA Required Rule 19.6, use of '#undef' discouraged [MISRA-C:2004 19.6 REQ]

The directive allows reusing macro names across the runtime support implementation.

Note #960, SCANF.C, line 29: Violates MISRA Required Rule 19.6, use of '#undef' discouraged [MISRA-C:2004 19.6 REQ]

The message is reported for the line below:

```
#undef isspace
```

where 'isspace' is the name of both a function and a macro. The two of them can be used alternatively, depending on the main optimization target (size/time). In order to use the function, one must undefine the macro.

Note #931, SCANF.C, line 189: Both sides have side-effects [MISRA-C:2004 1.2 REQ]

The message is reported for the expression below:

```
*s++ == *format++
```

The expression is safe because 's' and 'format' do not point to the same address.

Note #946, SCANF.C, line 503: Relational or subtract operator applied to pointers [MISRA-C:2004 17.2 REQ + 17.3 REQ]

The two pointers point into the same array object.

Note #946, STRING.C, line 82: Relational or subtract operator ap-

plied to pointers [MISRA-C:2004 17.2 REQ + 17.3 REQ]

The message is reported for a pointer comparison within the implementation of the 'memmove' standard library function. The test is necessary in order to establish whether the destination memory area overlaps with the source memory area.

If the two pointers involved in a pointer comparison do not point into the same array object, the HC(S)08 compiler performs an address comparison (comparing the addresses that are pointed to by the two operands).

Info #720, STRING.C, line 143: Boolean test of assignment [MISRA-C:2004 13.1 REQ + MISRA-C:2004 13.2 REQ]

The assignment is deliberately used in a Boolean context.

Info #820, STRING.C, line 153: Boolean test of a parenthesized assignment [MISRA-C:2004 13.1 REQ]

The assignment is deliberately used in a Boolean context.

Note #960, TERMINAL.C, line 14: Violates MISRA Required Rule 7.1, Octal escape sequence used [MISRA-C:2004 7.1 REQ]

The octal escape sequence is used in a constant expression that contains octal digits only. Its value can be represented in the basic execution character set.

Note #946, ALLOC.C: Relational or subtract operator applied to pointers [MISRA-C:2004 17.2 REQ + 17.3 REQ]

The message is reported for several pointer operations within the implementation of the memory management standard library functions. These operations are necessary.

If the two pointers involved in a pointer comparison/subtraction do not point into the same array object, the HC(S)08 compiler performs an address comparison/subtraction (comparing/subtracting the addresses that are pointed to by the two operands).

C IEEE32/32 Tiny

This section lists the C IEEE32/32 Tiny pre-project exceptions.

Note #960, PRINTF.C, line 532: Violates MISRA-C:2004 Required Rule 10.1, Implicit conversion changes signedness [MISRA-C:2004 101. REQ]

According to the C standard (ISO/IEC 9899:1999), the type of the result of sizeof() is size_t, which is an unsigned integer type. In particular, for HC08, size_t is defined to either 'unsigned char' for the TINY memory model, or 'unsigned int' otherwise.

C IEEE32/64

This section lists the C IEEE32/64 pre-project exceptions.

Info #704, MATHF.C, line 291: Shift right of signed quantity (int) [MISRA-C:2004 12.7 REQ]

The right hand operand of the shift-right expression is positive.

C IEEE32/64 Tiny

No new exceptions - refer to sections [C IEEE32/32](#), [C IEEE32/32 Tiny](#) and [C IEEE32/64](#) for the complete list of exceptions on non-startup library projects.

C no float

No new exceptions - refer to sections [C IEEE32/32](#), [C IEEE32/32 Tiny](#) and [C IEEE32/64](#) for the complete list of exceptions on non-startup library projects.

C no float Tiny

No new exceptions - refer to sections [C IEEE32/32](#), [C IEEE32/32 Tiny](#) and [C IEEE32/64](#) for the complete list of exceptions on non-startup library projects.

IEEE32/32 HCS08

No new exceptions - refer to sections [C IEEE32/32](#), [C IEEE32/32 Tiny](#) and [C IEEE32/64](#) for the complete list of exceptions on non-startup library projects.

C IEEE32/32 Tiny HCS08

No new exceptions - refer to sections [C IEEE32/32](#), [C IEEE32/32 Tiny](#) and [C IEEE32/64](#) for the complete list of exceptions on non-startup library projects.

C IEEE32/64 HCS08

No new exceptions - refer to sections [C IEEE32/32](#), [C IEEE32/32 Tiny](#) and [C IEEE32/64](#) C IEEE 32/64' for the complete list of exceptions on non-startup library projects.

C IEEE32/64 Tiny HCS08

No new exceptions - refer to sections [C IEEE32/32](#), [C IEEE32/32 Tiny](#) and [C IEEE32/64](#) for the complete list of exceptions on non-startup library projects.

C no float HCS08

No new exceptions - refer to sections [C IEEE32/32](#), [C IEEE32/32 Tiny](#) and [C IEEE32/64](#) for the complete list of exceptions on non-startup library projects.

C no float tiny HCS08

No new exceptions - refer to sections [C IEEE32/32](#), [C IEEE32/32 Tiny](#) and [C IEEE32/64](#) for the complete list of exceptions on non-startup library projects.

C IEEE32/32 banked HCS08 with MMU

No new exceptions - refer to sections [C IEEE32/32](#), [C IEEE32/32 Tiny](#) and [C IEEE32/64](#) for the complete list of exceptions on non-startup library projects.

C IEEE32/64 banked HCS08 with MMU

No new exceptions - refer to sections [C IEEE32/32](#), [C IEEE32/32 Tiny](#) and [C IEEE32/64](#) for the complete list of exceptions on non-startup library projects.

C no float banked HCS08 with MMU

No new exceptions - refer to sections [CJEE32/32](#), [CJEE32/32_Tiny](#) and [CJEE32/64](#) for the complete list of exceptions on non-startup library projects.

RS08

This chapter contains these topics for RS08:

- [Inline Assembly](#)
- [General Exceptions](#)
- [Per-project Exceptions](#)

Inline Assembly

Inline assembly is altogether ignored when checking for MISRA-C:2004 compliancy.

General Exceptions

The following table lists the exceptions to MISRA-C:2004 rules that apply across all the library projects.

Table 3.1 RS08 general library exceptions to MISRA-C:2004 rules

Exception	MISRA-C:2004 Rule	Reason
Accept non-ANSI reserved words 'near' and 'far'	1.1 REQ + 2.2 REQ	These are HC-08 specific language extensions
Accept non-ANSI reserved word '__paged'	1.1 REQ + 2.2 REQ	This is an HC-08 specific language extension
Allow the use of modifiers and types outside of typedefs that indicate size and signedness	6.3 ADV	Data type formats are configurable (default size and/or sign can be changed with the -T flexible type management option).
Allow function-like macros	19.7 ADV	Function-like macros allow more efficient code

RS08

Per-project Exceptions

Table 3.1 RS08 general library exceptions to MISRA-C:2004 rules

Exception	MISRA-C:2004 Rule	Reason
Allow standard library functions to be #define'd	20.1 REQ	The rule cannot apply to the standard library implementation itself
Allow repeatedly included header files	19.15 REQ	All the library headers are guarded using macros
Allow multiple exit points for functions	14.7 REQ	Use of multiple return statements can simplify code logic
Allow unions	18.4 REQ	Unions are used for effective representation of floating-point infinity
Allow 'continue' statements	14.5 REQ	Use of 'continue' statements can simplify code logic

Per-project Exceptions

This section lists the pre-project exceptions for the following topics:

- [C no float](#)
- [C Startup](#)
- [C no Float Banked](#)
- [C Startup Banked](#)
- [C float](#)
- [C float banked](#)

C no float

This section lists the pre-project exceptions for the *C no float* target.

Error #27, RTSRS08.C, line 56: Illegal character (0x24) [MISRA 1.2

REQ]

The message is reported for character '\$', which is used only within inline assembly code. Although the configuration options instruct PC-Lint to ignore HLI, this error is still reported, apparently because of a (pre)processing step that is not affected by these options.

**Warning #506, EMBEDDED.C, line 156: Constant value Boolean
[MISRA 13.7 REQ + 14.1 REQ]**

The Boolean expression results from a macro expansion.

**Note #927, EMBEDDED.C, line 38: cast from pointer to pointer [MIS-
RA 11.4 ADV]**

The message is reported for a pointer cast from 'char *' to 'char **' in the implementation of standard library macro 'va_start'. The cast is necessary in order to prevent the compiler from optimizing away the invocation of 'va_start'.

The cast is safe because the area pointed to by the destination pointer has the same size as the area pointed to by the source pointer (for the SMALL memory model, the size of a default data pointer is 1).

**Note #923, PRINTF.C, line 506: cast from pointer to 'unsigned long'
[MISRA 11.3 ADV]**

The cast is necessary in order to implement support for the '%p' printf format specifier on targets on which the pointer size is not the same as that of type 'int'.

**Note #961, SCANF.C, line 335: Violates MISRA Required Rule 17.5,
More than two pointer indirection levels used [MISRA 17.5 ADV]**

It is necessary to use two indirection levels in order to implement support for the '%p' printf format specifier.

C Startup

This section lists the pre-project exceptions for *C Startup* target.

Note #961, STARTRS08.C, line 29: Violates MISRA-C:2004 Advisory Rule 19.1, only preprocessor statements and comments before '#include' [MISRA 19.1 ADV]

Order matters and should not be changed because header file 'starttrs08.h' contains segment pragmas. Even though, currently, these pragmas are enclosed between '#pragma push' and '#pragma pop', so they cannot affect subsequent declarations, it does not make sense to move the declaration of external function 'main' after the '#include' statement.

Note #960, startrs08_init.c, line 59: Violates MISRA-C:2004 Required Rule 8.5, no object/function definitions in header file [MISRA 8.5 REQ]

File 'startrs08_init.c' is not a header file. It is a source file and it is included in file 'starttrs08.c' using a '#include' directive. According to the C standard (ISO/IEC 9899:1999), a '#include' directive can be used to specify either a header file or a source file.

C no Float Banked

No new exceptions once target 'C no float' has been processed - refer to section [C no float](#) for the complete list of exceptions.

C Startup Banked

No new exceptions once target 'C Startup' has been processed - refer to section [C Startup](#) for the complete list of exceptions.

C float

This section lists the pre-project exceptions for *C float* target.

Error #64, rs08math.c, line 151: Type mismatch (arg. no. 2) (ptrs to nominal) [MISRA 1.2 REQ + 8.4 REQ]

The pointed-to types ('float' and 'double') only differ nominally.

Note #957, rs08fp.c: Function 'Name' defined without a prototype in scope [MISRA 8.1 REQ]

File 'rs08fp.c' contains the floating point runtime support. The functions implemented here are not meant to be called in user code, they are only invoked via jumps, in compiler-generated code.

C float banked

No new exceptions once target 'C float' has been processed - refer to section [C float](#) for the complete list of exceptions.



RS08

Per-project Exceptions

ColdFire

This chapter contains these topics for ColdFire:

- [Inline Assembly](#)
- [General Exceptions](#)

Inline Assembly

Inline assembly is altogether ignored when checking for MISRA-C:2004 compliancy.

General Exceptions

These are the exceptions to the MISRA-C:2004 rules in this library set.

Rule 1.2: Cast from pointer to void

Used to silence "function result not used" warnings.

```
./src/alloc.c
./src/string.c
./src/wprintf.c
./src/wprintfformat.c
./src/wstring.c
```

Rule 1.2: Both sides have side effects

Use to generate more efficient copy code ("if (*p1++ != *p2++)").

```
./src/mem.c
./src/string.c
./src/sun_math/Double_precision/s_asinh.c
./src/sun_math/Double_precision/s_erf.c
./src/wstring.c
```

Rule 1.2: Cast from pointer to pointer

Required to access opaque data structure or directly manipulate memory.

```
./src/alloc.c
./src/mbstring.c
./src/mem_funcs.c
./src/printformat.c
./src/scanformat.c
./src/string.c
./src/strtoul.c
./src/wcstold.c
./src/wcstoul.c
./src/wprintf.c
./src/wprintfformat.c
./src/wscanf.c
./src/wstring.c
./src/ansi_files.c
./src/buffer_io.c
./src/char_io.c
./src/direct_io.c
./src/file_pos.c
./src/math_api.c
./src/math_double.c
./src/math_float.c
./src/math_fma.c
./src/misc_io.c
./src/math_<target>.c
./src/sun_math/ansi_fp.c
./src/sun_math/Double_precision/e_cosh.c
./src/sun_math/Double_precision/e_sinh.c
./src/wchar_io.c
./src/wmem_io.c
```


Rule 1.2: Unusual pointer cast (incompatible indirect types)

Required for PA variable argument implementation.

```
./src/printformat.c  
./src/wprint.c  
./src/wprintformat.c
```

Rule 9.1 : Possibly non initialized variable

These are typically seen in floating point processing that depend on possible bit patterns.

```
./src/sun_math/Double_precision/e_exp.c  
./src/sun_math/Double_precision/k_rem_pio2.c
```

Rule 10.1 : prohibit implicit signed/ unsigned conversions

These typically apply to initializations with bit patterns.

```
./src/alloc.c  
./src/locale.c  
./src/scanformat.c  
./src/string.c  
./src/sun_math/Double_precision/s_ceil.c  
./src/sun_math/ansi_fp.c  
./src/time.c  
./src/wctype.c  
./src/wmem.c  
./src/wtime.c
```

Rule 10.2: prohibit complex cast in return

These are typically used when returning bit patterns like HUGE_VAL

```
./src/wcstold.c
```

Rule 10.3 : Prohibit cast of complex expressions

These typically apply to recasting a bitwise operation in an assignment.

```
./src/math_float.c
./src/math_fma.c
./src/mem_funcs.c
./src/sc/fenv_StarCore.c
./src/sc/file_io_StarCore.c
./src/sc/math_StarCore.c
./src/sc/mem_funcs_cpy_StarCore.c
./src/sc/mem_funcs_set_StarCore.c
./src/sc/signal_StarCore.c
./src/sc/exp_StarCore.c
./src/scanformat.c
./src/string.c
./src/strtold.c
./src/strtoul.c
./src/sun_math/ansi_fp.c
./src/sun_math/Double_precision/e_atan2.c
./src/sun_math/Double_precision/e_atanh.c
./src/sun_math/Double_precision/e_fmod.c
./src/sun_math/Double_precision/e_log10.c
./src/sun_math/Double_precision/e_pow.c
./src/sun_math/Double_precision/e_sqrt.c
./src/sun_math/Double_precision/k_rem_pio2.c
./src/sun_math/Double_precision/k_tan.c
./src/sun_math/Double_precision/s_frexp.c
./src/sun_math/Double_precision/s_ldexp.c
./src/sun_math/Double_precision/s_loglp.c
./src/sun_math/Double_precision/s_modf.c
./src/sun_math/Double_precision/s_nextafter.c
./src/sun_math/Double_precision/s_rint.c
```

```
./src/sun_math/Double_precision/s_tan.c  
./src/time.c  
./src/wcstold.c  
./src/wcstoul.c  
./src/wprintf.c  
./src/wscanf.c
```

Rule 10.4 : Cast of floating point to int

These are used when casting a floating pointer to an integer base type.

```
./src/sc/exp_StarCore.c
```

Rule 11.3 : Prohibit casting a pointer

These are typically used when casting a pointer to an integer base type.

```
./src/alloc.c  
./src/mem.c  
./src/mem_funcs.c  
./src/printf.c  
./src/signal.c  
./src/sc/mem_funcs_cpy_StarCore.c  
./src/sc/signal_StarCore.c  
./src/string.c
```

Rule 11.4 : Prohibit cast from pointer to pointer

These are used when casting a pointer to a pointer.

```
./src/buffer_io.c  
./src/direct_io.c  
./src/printf.c  
./src/scanf.c  
./src/wchar_io.c
```

Rule 12.4 : Side effect on a righthand size of &&

These are typically used when it simplifies the code to use short-circuit evaluation.

```
./src/char_io.c  
./src/printformat.c  
./src/sc/pow_StarCore.c  
./src/scanformat.c  
./src/string.c  
./src/strtold.c  
./src/strtoul.c  
./src/ansi_fp.c  
./src/time.c  
./src/wchar_io.c  
./src/wcstold.c  
./src/wcstoul.c  
./src/wprintf.c  
./src/wprintfformat.c  
./src/wscanf.c  
./src/wstring.c
```

Rule 12.7 : Use of arithmetic shift

These are used when it arithmetic shift is used.

```
./src/arith.c  
./src/math_fma.c  
./src/mem.c  
./src/pa/fenv.ppc.c  
./src/sc/math_StarCore.c  
./src/sc/modf_StarCore.c  
./src/sc/sin_StarCore.c  
./src/strtoul.c  
./src/sun_math/ansi_fp.c  
./src/sun_math/Double_precision/e_acos.c
```

```
./src/sun_math/Double_precision/e_acosh.c  
./src/sun_math/Double_precision/e_asin.c  
./src/sun_math/Double_precision/e_atan2.c  
./src/sun_math/Double_precision/e_atanh.c  
./src/sun_math/Double_precision/e_exp.c  
./src/sun_math/Double_precision/e_fmod.c  
./src/sun_math/Double_precision/e_hypot.c  
./src/sun_math/Double_precision/e_log.c  
./src/sun_math/Double_precision/e_log10.c  
./src/sun_math/Double_precision/e_pow.c  
./src/sun_math/Double_precision/e_rem_pio2.c  
./src/sun_math/Double_precision/k_rem_pio2.c  
./src/sun_math/Double_precision/k_tan.c  
./src/sun_math/Double_precision/s_cbrt.c  
./src/sun_math/Double_precision/s_ceil.c  
./src/sun_math/Double_precision/s_copysign.c  
./src/sun_math/Double_precision/s_expml.c  
./src/sun_math/Double_precision/s_floor.c  
./src/wcstoul.c
```

Rule 12.7 : Bitwise operator applied to signed underlying type

These are used when a bitwise operator applied to signed underlying type.

```
./src/arith.c  
./src/sun_math/Double_precision/s_ilog.c
```

Rule 12.10 : use of comma operator

These are used when comma operator is used.

```
./src/alloc.c  
./src/sc/console_io_StarCore.c
```

Rule 13.1 : test assignment

These are typically used for performance in tight loops.

```
./src/string.c  
./src/time.c  
./src/wstring.c  
./src/wtime.c
```

Rule 13.3 : float comparisons

These are typically used when a floating point matches a pattern (zero, Nan, etc...).

```
./src/math_double.c  
./src/math_float.c  
./src/sc/atan2_StarCore.c  
./src/sc/exp_StarCore.c  
./src/sun_math/Double_precision/e_lgamma_r.c  
./src/sun_math/Double_precision/e_log.c  
./src/sun_math/Double_precision/e_rem_pio2.c  
./src/sun_math/Double_precision/k_rem_pio2.c  
./src/sun_math/Double_precision/k_standard.c  
./src/sun_math/Double_precision/s_log1p.c  
./src/sun_math/Double_precision/s_matherr.c  
./src/sun_math/Double_precision/s_nextafter.c
```

Rule 13.7 and 14.1 : constant expression in conditional

The typically allow the code to be configuration dependent.

```
./src/alloc.c  
./src/math_double.c  
./src/math_float.c  
./src/math_longdouble.c  
./src/printformat.c  
./src/sc/asin_StarCore.c  
./src/sc/atan2_StarCore.c
```

```

./src/sc/exp_StarCore.c
./src/sc/ldexp_StarCore.c
./src/sc/log10_StarCore.c
./src/sc/log_StarCore.c
./src/sc/math_StarCore.c
./src/sc/pow_StarCore.c
./src/sc/sinh_StarCore.c
./src/sc/sqrt_StarCore.c
./src/strtold.c
./src/sun_math/ansi_fp.c
./src/sun_math/Double_precision/e_acos.c
./src/sun_math/Double_precision/e_asin.c
./src/sun_math/Double_precision/e_atan2.c
./src/sun_math/Double_precision/e_atanh.c
./src/sun_math/Double_precision/e_cosh.c
./src/sun_math/Double_precision/e_cosh.c
./src/sun_math/Double_precision/e_exp.c
./src/sun_math/Double_precision/e_fmod.c
./src/sun_math/Double_precision/e_lgamma_r.c
./src/sun_math/Double_precision/e_log.c
./src/sun_math/Double_precision/e_log10.c
./src/sun_math/Double_precision/e_pow.c
./src/sun_math/Double_precision/e_remainder.c
./src/sun_math/Double_precision/e_sqrt.c
./src/sun_math/Double_precision/s_expml.c
./src/sun_math/Double_precision/s_ilogb.c
./src/sun_math/Double_precision/s_iloglp.c
./src/sun_math/Double_precision/s_iloglp.c
./src/sun_math/Double_precision/s_logb.c
./src/sun_math/math_sun.c
./src/sun_math/Single_precision/fmodf.c
./src/sun_math/Single_precision/log2f.c

```

```
./src/wcstold.c  
./src/wprintf.c  
./src/wprintfformat.c
```

Rule 14.4 : goto statement

These are typically used when a goto simplifies the code for performance.

```
./src/printformat.c  
./src/scanformat.c  
./src/sun_math/Double_precision/k_rem_pio2.c  
./src/wprintf.c  
./src/wscanf.c
```

Rule 14.5 : continue statement

These are typically used when a continue simplifies the code for performance.

```
./src/printformat.c  
./src/scanformat.c  
./src/sys/uart_console_io.c  
./src/wprintf.c  
./src/wprintfformat.c  
./src/wscanf.c
```

Rule 14.6 : multiple break statements in a loop

These are typically used when a break simplifies the code.

```
./src/alloc.c  
./src/char_io.c  
./src/mbstring.c  
./src/sun_math/ansi_fp.c  
./src/sys/uart_console_io.c
```

Rule 15.2 : case statement fallthrough

These are typically used when it simplifies the code.


```
./src/mbstring.c
./src/printformat.c
./src/sc/file_io_StarCore.c
./src/scanformat.c
./src/strtold.c
./src/wcstold.c
./src/wprintf.c
./src/wprintformat.c
./src/wscanf.c
```

Rule 16.1 : variable argument lists

These are used when implementing a C std routine with varargs (mostly stdio).

```
./src/printf.c
./src/scanf.c
./src/time.c
./src/wprintf.c
./src/wscanf.c
./src/wtime.c
```

Rule 16.7 : possible const argument

These are used when implementing a C std routine which could use const arguments.

```
./src/alloc.c
./src/coldfire/uart_console_io_cf.c
./src/file_pos.c
./src/pa/fend.ppc.c
./src/mbstring.c
./src/misc_io.c
./src/printf.c
./src/sc/console_io_StarCore.c
./src/sc/file_io_StarCore.c
./src/scanf.c
./src/scanformat.c
```

```
./src/secure_error.c  
./src/wprintf.c  
./src/wprintfformat.c  
./src/wscanf.c
```

Rule 17.3 : pointer arithmetic

These are typically used when pointer arithmetic is required.

```
./src/alloc.c  
./src/buffer_io.c  
./src/char_io.c  
./src/direct_io.c  
./src/file_pos.c  
./src/printfformat.c  
./src/string.c  
./src/strtold.c  
./src/sun_math/ansi_fp.c  
./src/time.c  
./src/wcstold.c  
./src/wprintf.c  
./src/wprintfformat.c  
./src/wscanf.c  
./src/wstring.c  
./src/wtime.c
```

Rule 19.6 : Deprecated use of undef

These are typically used for configuration purpose enforcing some settings.

```
./src/wctype.c
```

Rule 20.4 : Deprecated use of malloc

These are typically seen when a C std routine requires allocating dynamic memory.

```
./src/alloc.c  
./src/ansi_files.c
```

```
./src/buffer_io.c  
./src/file_io.c  
./src/sc/file_io_StarCore.c  
./src/sc/thread_local_data_StarCore.c  
./src/string.c
```

Rule 20.5 : Deprecated use of errno

These are typically seen when the C std requires setting errno.

```
./src/alloc.c  
./src/file_pos.c  
./src/math_longdouble.c  
./src/mbstring.c  
./src/sc/asin_StarCore.c  
./src/sc/atan2_StarCore.c  
./src/sc/exp_StarCore.c  
./src/sc/file_io_StarCore.c  
./src/sc/math_StarCore.c  
./src/sc/signal_StarCore.c  
./src/sc/sqrt_StarCore.c  
./src/sc/time_StarCore.c  
./src/signal.c  
./src/strtold.c  
./src/strtoul.c  
./src/sun_math/Double_precision/e_acos.c  
./src/sun_math/Double_precision/e_asin.c  
./src/sun_math/Double_precision/e_atanh.c  
./src/sun_math/Double_precision/e_log.c  
./src/sun_math/Double_precision/e_log10.c  
./src/sun_math/Double_precision/e_pow.c  
./src/sun_math/Double_precision/e_sqrt.c  
./src/sun_math/Double_precision/k_standard.c  
./src/sun_math/math_sun.c
```

```
./src/wcstold.c  
./src/wcstoul.c
```

Rule 20.8 : Deprecated use of raise

These are typically seen when the C std requires raising a signal.

```
./src/abort_exit.c
```

Rule 20.9 : Deprecated use of <stdio.>

These are typically seen when EWL defines functions from this header.

```
./src/assert.c  
./src/math_float.c  
./src/string.c  
./src/strtol.c  
./src/wchar_io.c  
./src/wcstoul.c  
./src/wctype.c  
./src/wprintf.c  
./src/wprintfformat.c  
./src/wscanf.c  
./src/wstring.c
```

Rule 20.11 : Deprecated use of abort

These are typically seen when the C std requires calling abort.

```
./src/assert.c  
./src/secure_error.c  
./src/signal.c  
./src/sc/assert_StarCore.c  
./src/sc/signal_StarCore.c
```

Rule 20.12 : Deprecated use of mktime

These are typically seen when the C std requires calling abort.

```
./src/time.c
```

`./src/wtime.c`



ColdFire
General Exceptions

Kinetis

This chapter contains these topics for Kinetis:

- [Inline Assembly](#)
- [General Exceptions](#)
- [Files](#)

Inline Assembly

Inline assembly is altogether ignored when checking for MISRA-C:2004 compliancy.

General Exceptions

These are the exceptions to the MISRA-C:2004 rules in this library set.

This file lists the MISRA-C:2004 compliance exceptions for the Freescale EWL C library. The exceptions listed cover all EWL C files and targets. However, we have only fully tested the PA and ARM targets for compliance at this point. MISRA violations were detected using the PC-Lint 9.00d tool and the lnt/au-misra2.lnt checker file. To verify these results you can use the makefiles that are used to build a target's library files:

```
make -C ewl/EWL_C -f -f EWL_C.ARM_CORTEXM.mak misra
PLATFORM=ARM_CORTEXM \
LNTDIR="/cygdrive/d/Lint" \
LNTINCL="-iD:/Lint/lnt" \
misra
```

This should list no MISRA violations or other PC-Lint warnings/errors.

EWL uses EXCEPTION_RULE_*() macros to silence violations, e.g.:

```
#define MISRA_EXCEPTION_RULE_20_5() \
/*lint -e{586} MISRA 2004 Rule 20.5: errno shall not be used
*/
```

The exception macros are defined in the header file EWL_C/include/ewl_misra_types.h.

MISRA_ALLOW_POINTER_CASTS

This topic lists the MISRA rule for pointer casts.

MISRA 2004 Rule 11.4: Cast from pointer to pointer/void

Used to globally disable pointer casting related messages in some source files.

```
EWL_C/src/alloc.c Line: 40
EWL_C/src/alloc.c Line: 490
EWL_C/src/alloc.c Line: 653
EWL_C/src/alloc.c Line: 992
EWL_C/src/alloc.c Line: 1702
EWL_C/src/mbstring.c Line: 47
EWL_C/src/mem_funcs.c Line: 56
EWL_C/src/printformat.c Line: 48
EWL_C/src/scanformat.c Line: 48
EWL_C/src/string.c Line: 60
EWL_C/src/strtoul.c Line: 87
EWL_C/src/wcstold.c Line: 122
EWL_C/src/wcstoul.c Line: 96
EWL_C/src/wprintf.c Line: 58
EWL_C/src/wprintfformat.c Line: 47
EWL_C/src/wscanf.c Line: 46
EWL_C/src/wstring.c Line: 53
```

MISRA_EXCEPTION_CMATH_MACROS

This topic lists the MISRA exception rules for *cmath* macros.

macro(506 970, signbit, fpclassify)

Used to implement signbit and fpclassify macros.

- * MISRA 2004 Rules 13.7 and 14.1: Constant value Boolean
- * MISRA 2004 Rule 6.3: Use of modifier or type outside of a typedef

```
EWL_C/include/ansi_parms.h Line: 458
```


EWL_C/include/cmath Line: 28

MISRA_EXCEPTION_FLOAT_CAST

This topic lists the MISRA exception rules for floating point casts.

Exceptions to allow bit pattern -> floating point casts

Used to generate floating point values from bit patterns.

- * MISRA 2004 Rule 1.2: unusual pointer casts
- * unusual pointer cast
- * MISRA 2004 Rule 6.3: Use of modifier or type outside of a typedef

EWL_C/include/ansi_parms.h Line: 457

EWL_C/include/cfloat Line: 99

EWL_C/include/cfloat Line: 100

EWL_C/include/cfloat Line: 101

EWL_C/include/cfloat Line: 155

EWL_C/include/cfloat Line: 156

EWL_C/include/cfloat Line: 157

EWL_C/include/cfloat Line: 211

EWL_C/include/cfloat Line: 212

EWL_C/include/cfloat Line: 213

EWL_C/include/cmath Line: 106

EWL_C/include/cmath Line: 122

EWL_C/include/cmath Line: 126

EWL_C/include/cmath Line: 151

EWL_C/include/cmath Line: 184

EWL_C/include/sun_math/fdlibm.h Line: 85

EWL_C/src/coldfire/math_cf.c Line: 48

MISRA_EXCEPTION_LONG_NAME

This topic lists the MISRA exception rules for long internal names.

MISRA 2004 Rule 1.2, 1.4 and 5.1: Allow long internal name

Used to allow long file names, e.g., "`__ewl_generic_count_leading_zero32`".

`EWL_C/src/arm/float_exceptions.c` Line: 44

`EWL_C/src/arm/float_exceptions.c` Line: 154

`EWL_C/src/math_api.c` Line: 61

MISRA_EXCEPTION_MATHAPISP_MACROS

This topic lists the MISRA exception rule to access float macros as words.

macro(929, GET_FLOAT_WORD, GET_FLOAT_UWORD, SET_FLOAT_WORD, SET_FLOAT_UWORD)

Used to implement `GET_FLOAT_WORD`, `GET_FLOAT_UWORD`, `SET_FLOAT_WORD`, `SET_FLOAT_UWORD` macros (to access floats as words).

* MISRA 2004 Rule 11.4: Cast from pointer to pointer

`EWL_C/include/ansi_parms.h` Line: 461

`EWL_C/include/pa/fdlibm_pa.h` Line: 24

MISRA_EXCEPTION_MATHAPI_MACROS

This topic lists the MISRA exception rule to access double hi/lo words.

macro(929, __HI, __UHI, __LO, __ULO)

Used to implement `__HI`, `__UHI`, `__LO`, `__ULO` macros (to access double hi/lo words).

* MISRA 2004 Rule 11.4: Cast from pointer to pointer

`EWL_C/include/ansi_parms.h` Line: 460

`EWL_C/include/math_api.h` Line: 26

`EWL_C/include/math_api.h` Line: 42

`EWL_C/include/math_api.h` Line: 48

MISRA_EXCEPTION_RULE_10_1

This topic lists the MISRA exception rule to access double hi/lo words.

MISRA 2004 Rule 10.1: converting expressions

Used to allow implicit and explicit arithmetic conversions.

```
EWL_C/src/alloc.c Line: 327
EWL_C/src/alloc.c Line: 465
EWL_C/src/alloc.c Line: 2233
EWL_C/src/alloc.c Line: 2235
EWL_C/src/alloc.c Line: 2781
EWL_C/src/alloc.c Line: 2784
EWL_C/src/alloc.c Line: 2788
EWL_C/src/alloc.c Line: 2807
EWL_C/src/alloc.c Line: 2812
EWL_C/src/alloc.c Line: 2849
EWL_C/src/alloc.c Line: 2863
EWL_C/src/alloc.c Line: 2868
EWL_C/src/alloc.c Line: 2885
EWL_C/src/alloc.c Line: 2890
EWL_C/src/alloc.c Line: 2988
EWL_C/src/locale.c Line: 185
EWL_C/src/printformat.c Line: 1441
EWL_C/src/printformat.c Line: 1444
EWL_C/src/printformat.c Line: 1465
EWL_C/src/printformat.c Line: 1756
EWL_C/src/printformat.c Line: 1815
EWL_C/src/scanformat.c Line: 613
EWL_C/src/scanformat.c Line: 1227
EWL_C/src/scanformat.c Line: 1267
EWL_C/src/scanformat.c Line: 1383
EWL_C/src/string.c Line: 153
EWL_C/src/string.c Line: 159
```

Kinetis

General Exceptions

EWL_C/src/string.c Line: 222
EWL_C/src/string.c Line: 228
EWL_C/src/string.c Line: 244
EWL_C/src/string.c Line: 250
EWL_C/src/string.c Line: 261
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 46
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 70
EWL_C/src/sun_math/Single_precision/s_ceilf.c Line: 49
EWL_C/src/sun_math/ansi_fp.c Line: 138
EWL_C/src/sun_math/ansi_fp.c Line: 143
EWL_C/src/sun_math/ansi_fp.c Line: 658
EWL_C/src/sun_math/ansi_fp.c Line: 692
EWL_C/src/sun_math/ansi_fp.c Line: 696
EWL_C/src/sun_math/ansi_fp.c Line: 706
EWL_C/src/sun_math/ansi_fp.c Line: 708
EWL_C/src/sun_math/ansi_fp.c Line: 767
EWL_C/src/sun_math/ansi_fp.c Line: 797
EWL_C/src/sun_math/ansi_fp.c Line: 938
EWL_C/src/sun_math/ansi_fp.c Line: 972
EWL_C/src/sun_math/ansi_fp.c Line: 1256
EWL_C/src/time.c Line: 782
EWL_C/src/wcstold.c Line: 347
EWL_C/src/wcstold.c Line: 352
EWL_C/src/wcstold.c Line: 377
EWL_C/src/wcstold.c Line: 387
EWL_C/src/wcstold.c Line: 402
EWL_C/src/wcstold.c Line: 412
EWL_C/src/wcstold.c Line: 443
EWL_C/src/wcstold.c Line: 453
EWL_C/src/wcstold.c Line: 463
EWL_C/src/wcstold.c Line: 480
EWL_C/src/wcstold.c Line: 490

EWL_C/src/wcstold.c Line: 524
EWL_C/src/wcstold.c Line: 536
EWL_C/src/wcstold.c Line: 616
EWL_C/src/wcstold.c Line: 635
EWL_C/src/wcstold.c Line: 645
EWL_C/src/wcstold.c Line: 856
EWL_C/src/wcstold.c Line: 861
EWL_C/src/wcstold.c Line: 866
EWL_C/src/wcstoul.c Line: 155
EWL_C/src/wcstoul.c Line: 159
EWL_C/src/wcstoul.c Line: 170
EWL_C/src/wcstoul.c Line: 181
EWL_C/src/wcstoul.c Line: 203
EWL_C/src/wcstoul.c Line: 221
EWL_C/src/wcstoul.c Line: 298
EWL_C/src/wcstoul.c Line: 302
EWL_C/src/wcstoul.c Line: 313
EWL_C/src/wcstoul.c Line: 324
EWL_C/src/wcstoul.c Line: 346
EWL_C/src/wcstoul.c Line: 353
EWL_C/src/wcstoul.c Line: 365
EWL_C/src/wctype.c Line: 189
EWL_C/src/wctype.c Line: 258
EWL_C/src/wmem.c Line: 114
EWL_C/src/wprintf.c Line: 1122
EWL_C/src/wprintf.c Line: 1125
EWL_C/src/wprintfformat.c Line: 624
EWL_C/src/wprintfformat.c Line: 633
EWL_C/src/wprintfformat.c Line: 638
EWL_C/src/wprintfformat.c Line: 1273
EWL_C/src/wprintfformat.c Line: 1278
EWL_C/src/wprintfformat.c Line: 1302

EWL_C/src/wprintfformat.c Line: 1707

EWL_C/src/wtime.c Line: 356

MISRA_EXCEPTION_RULE_10_2

This topic lists the MISRA exception rule to allow conversions in return statements.

MISRA 2004 Rule 10.2: Complex returns

Used to allow conversions in return statements, e.g., "return NAN;".

EWL_C/src/math_fma.c Line: 65

EWL_C/src/math_fma.c Line: 77

EWL_C/src/math_fma.c Line: 82

EWL_C/src/math_fma.c Line: 88

EWL_C/src/math_fma.c Line: 117

EWL_C/src/math_fma.c Line: 123

EWL_C/src/math_fma.c Line: 131

EWL_C/src/math_fma.c Line: 136

EWL_C/src/math_fma.c Line: 148

EWL_C/src/math_fma.c Line: 152

EWL_C/src/math_fma.c Line: 159

EWL_C/src/math_fma.c Line: 529

EWL_C/src/math_fma.c Line: 534

EWL_C/src/math_fma.c Line: 540

EWL_C/src/math_fma.c Line: 569

EWL_C/src/math_fma.c Line: 575

EWL_C/src/math_fma.c Line: 583

EWL_C/src/math_fma.c Line: 588

EWL_C/src/wcstold.c Line: 727

MISRA_EXCEPTION_RULE_10_3

MISRA 2004 Rule 10.3: Cast of expressions

Used to allow casting of expressions, e.g., "(int32_t)(x_i & 0x7F800000UL);".

EWL_C/src/math_float.c Line: 99

```

EWL_C/src/math_float.c Line: 129
EWL_C/src/math_fma.c Line: 40
EWL_C/src/math_fma.c Line: 42
EWL_C/src/math_fma.c Line: 44
EWL_C/src/math_fma.c Line: 312
EWL_C/src/math_fma.c Line: 327
EWL_C/src/math_fma.c Line: 413
EWL_C/src/math_fma.c Line: 424
EWL_C/src/math_fma.c Line: 495
EWL_C/src/math_fma.c Line: 497
EWL_C/src/math_fma.c Line: 499
EWL_C/src/math_fma.c Line: 742
EWL_C/src/math_fma.c Line: 751
EWL_C/src/math_fma.c Line: 795
EWL_C/src/math_fma.c Line: 805
EWL_C/src/mem.c Line: 201
EWL_C/src/mem_funcs.c Line: 179
EWL_C/src/mem_funcs.c Line: 331
EWL_C/src/mem_funcs.c Line: 504
EWL_C/src/sc/fenv_StarCore.c Line: 136
EWL_C/src/sc/fenv_StarCore.c Line: 155
EWL_C/src/sc/file_io_StarCore.c Line: 345
EWL_C/src/sc/math_StarCore.c Line: 78
EWL_C/src/sc/math_StarCore.c Line: 110
EWL_C/src/sc/mem_funcs_cpy_StarCore.c Line: 99
EWL_C/src/sc/mem_funcs_cpy_StarCore.c Line: 118
EWL_C/src/sc/mem_funcs_set_StarCore.c Line: 107
EWL_C/src/sc/signal_StarCore.c Line: 97
EWL_C/src/scanformat.c Line: 930
EWL_C/src/scanformat.c Line: 937
EWL_C/src/string.c Line: 685
EWL_C/src/string.c Line: 895

```

EWL_C/src/string.c Line: 917
EWL_C/src/string.c Line: 948
EWL_C/src/string.c Line: 970
EWL_C/src/strtold.c Line: 728
EWL_C/src/strtold.c Line: 816
EWL_C/src/strtold.c Line: 896
EWL_C/src/strtoul.c Line: 277
EWL_C/src/strtoul.c Line: 356
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 78
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 84
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 62
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 32
EWL_C/src/sun_math/Double_precision/e_log10.c Line: 129
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 263
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 327
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 384
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 413
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 416
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 169
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 206
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 294
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 356
EWL_C/src/sun_math/Double_precision/k_tan.c Line: 89
EWL_C/src/sun_math/Double_precision/s_frexp.c Line: 57
EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 38
EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 47
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 173
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 180
EWL_C/src/sun_math/Double_precision/s_modf.c Line: 48
EWL_C/src/sun_math/Double_precision/s_nextafter.c Line: 85
EWL_C/src/sun_math/Double_precision/s_rint.c Line: 58
EWL_C/src/sun_math/Double_precision/s_rint.c Line: 67


```

EWL_C/src/sun_math/Double_precision/s_rint.c Line: 69
EWL_C/src/sun_math/Double_precision/s_rint.c Line: 89
EWL_C/src/sun_math/Double_precision/s_tanf.c Line: 75
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 70
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 63
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 120
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 363
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 366
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 98
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:
109
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:
192
EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 70
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 127
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 213
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 67
EWL_C/src/sun_math/Single_precision/s_frexp.c Line: 61
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 129
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 137
EWL_C/src/sun_math/Single_precision/s_modff.c Line: 48
EWL_C/src/sun_math/Single_precision/s_nextafterf.c Line:
82
EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 54
EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 56
EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 84
EWL_C/src/sun_math/Single_precision/s_tanf.c Line: 59
EWL_C/src/sun_math/ansi_fp.c Line: 250
EWL_C/src/sun_math/ansi_fp.c Line: 300
EWL_C/src/sun_math/ansi_fp.c Line: 311
EWL_C/src/sun_math/ansi_fp.c Line: 351
EWL_C/src/sun_math/ansi_fp.c Line: 729
EWL_C/src/sun_math/ansi_fp.c Line: 966

```

EWL_C/src/sun_math/ansi_fp.c Line: 986
EWL_C/src/time.c Line: 399
EWL_C/src/wcstold.c Line: 709
EWL_C/src/wcstold.c Line: 768
EWL_C/src/wcstold.c Line: 835
EWL_C/src/wcstoul.c Line: 424
EWL_C/src/wcstoul.c Line: 456
EWL_C/src/wprintf.c Line: 253
EWL_C/src/wprintf.c Line: 280
EWL_C/src/wprintf.c Line: 567
EWL_C/src/wprintf.c Line: 685
EWL_C/src/wprintfformat.c Line: 1844
EWL_C/src/wscanf.c Line: 146
EWL_C/src/wscanf.c Line: 591
EWL_C/src/wstring.c Line: 682
EWL_C/src/wstring.c Line: 695

MISRA_EXCEPTION_RULE_10_4

This topic lists the MISRA exception rule to allow casting of floating point expressions.

MISRA 2004 Rule 10.4: cast of floating point

Used to allow casting of floating point expressions.

EWL_C/src/sc/exp_StarCore.c Line: 150
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 113
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 123

MISRA_EXCEPTION_RULE_10_5

This topic lists the MISRA exception rule to allow shifting of signed expressions.

MISRA 2004 Rule 10.5: Shift left of signed quantity

Used to allow shifting of signed expressions, e.g., "a << 1".

EWL_C/src/strtold.c Line: 863
EWL_C/src/strtold.c Line: 889
EWL_C/src/wcstold.c Line: 802
EWL_C/src/wcstold.c Line: 828

MISRA_EXCEPTION_RULE_11_3

This topic lists the MISRA exception rules for pointer alignment computations.

MISRA 2004 Rule 11.3: Cast pointer/non-pointer

Used in pointer alignment computations, e.g., "`((uint32_t)ptr & 3UL)`).

EWL_C/src/alloc.c Line: 261
EWL_C/src/alloc.c Line: 266
EWL_C/src/alloc.c Line: 311
EWL_C/src/alloc.c Line: 320
EWL_C/src/alloc.c Line: 380
EWL_C/src/alloc.c Line: 422
EWL_C/src/alloc.c Line: 455
EWL_C/src/mem.c Line: 89
EWL_C/src/mem.c Line: 101
EWL_C/src/mem_funcs.c Line: 88
EWL_C/src/mem_funcs.c Line: 120
EWL_C/src/mem_funcs.c Line: 124
EWL_C/src/mem_funcs.c Line: 180
EWL_C/src/mem_funcs.c Line: 264
EWL_C/src/mem_funcs.c Line: 332
EWL_C/src/mem_funcs.c Line: 348
EWL_C/src/mem_funcs.c Line: 430
EWL_C/src/mem_funcs.c Line: 440
EWL_C/src/mem_funcs.c Line: 505
EWL_C/src/printf.c Line: 68
EWL_C/src/printf.c Line: 87
EWL_C/src/sc/mem_funcs_cpy_StarCore.c Line: 45

```
EWL_C/src/sc/mem_funcs_cpy_StarCore.c Line: 88
EWL_C/src/sc/signal_StarCore.c Line: 116
EWL_C/src/signal.c Line: 35
EWL_C/src/signal.c Line: 64
EWL_C/src/signal.c Line: 71
EWL_C/src/string.c Line: 146
EWL_C/src/string.c Line: 424
```

MISRA_EXCEPTION_RULE_11_4

This topic lists the MISRA exception rules for accessing opaque data structure.

MISRA 2004 Rule 11.4: cast from pointer to pointer

Used for opaque data structure accessing or floating point bit pattern manipulations, e.g., "(struct_FILE *)_file".

```
EWL_C/src/ansi_files.c Line: 329
EWL_C/src/ansi_files.c Line: 360
EWL_C/src/arm/file_io_aeabi.c Line: 33
EWL_C/src/arm/file_io_aeabi.c Line: 37
EWL_C/src/arm/file_io_aeabi.c Line: 41
EWL_C/src/arm/locale1_aeabi.c Line: 25
EWL_C/src/arm/math_ARM.c Line: 47
EWL_C/src/buffer_io.c Line: 130
EWL_C/src/buffer_io.c Line: 140
EWL_C/src/buffer_io.c Line: 150
EWL_C/src/buffer_io.c Line: 204
EWL_C/src/buffer_io.c Line: 217
EWL_C/src/buffer_io.c Line: 243
EWL_C/src/buffer_io.c Line: 318
EWL_C/src/char_io.c Line: 50
EWL_C/src/char_io.c Line: 105
EWL_C/src/char_io.c Line: 129
```

EWL_C/src/char_io.c Line: 166
EWL_C/src/char_io.c Line: 219
EWL_C/src/char_io.c Line: 253
EWL_C/src/char_io.c Line: 290
EWL_C/src/char_io.c Line: 325
EWL_C/src/char_io.c Line: 357
EWL_C/src/char_io.c Line: 368
EWL_C/src/char_io.c Line: 436
EWL_C/src/char_io.c Line: 463
EWL_C/src/char_io.c Line: 492
EWL_C/src/char_io.c Line: 520
EWL_C/src/char_io.c Line: 540
EWL_C/src/char_io.c Line: 550
EWL_C/src/coldfire/uart_console_io_cf.c Line: 82
EWL_C/src/direct_io.c Line: 66
EWL_C/src/direct_io.c Line: 120
EWL_C/src/direct_io.c Line: 212
EWL_C/src/file_io.c Line: 178
EWL_C/src/file_io.c Line: 223
EWL_C/src/file_pos.c Line: 40
EWL_C/src/file_pos.c Line: 171
EWL_C/src/file_pos.c Line: 312
EWL_C/src/file_pos.c Line: 315
EWL_C/src/locale.c Line: 51
EWL_C/src/locale.c Line: 88
EWL_C/src/locale.c Line: 94
EWL_C/src/locale.c Line: 101
EWL_C/src/math_api.c Line: 113
EWL_C/src/math_api.c Line: 121
EWL_C/src/math_double.c Line: 56
EWL_C/src/math_double.c Line: 59
EWL_C/src/math_double.c Line: 93



Kinetis

General Exceptions

EWL_C/src/math_float.c Line: 64
EWL_C/src/math_float.c Line: 201
EWL_C/src/math_float.c Line: 204
EWL_C/src/math_fma.c Line: 486
EWL_C/src/math_fma.c Line: 489
EWL_C/src/math_fma.c Line: 492
EWL_C/src/math_fma.c Line: 780
EWL_C/src/math_fma.c Line: 811
EWL_C/src/math_fma.c Line: 820
EWL_C/src/math_fma.c Line: 851
EWL_C/src/misc_io.c Line: 37
EWL_C/src/misc_io.c Line: 46
EWL_C/src/misc_io.c Line: 56
EWL_C/src/pa/math_ppc.c Line: 152
EWL_C/src/printf.c Line: 69
EWL_C/src/sc/math_StarCore.c Line: 31
EWL_C/src/sc/math_StarCore.c Line: 34
EWL_C/src/sc/math_StarCore.c Line: 119
EWL_C/src/scanf.c Line: 83
EWL_C/src/scanf.c Line: 466
EWL_C/src/scanf.c Line: 488
EWL_C/src/strtold.c Line: 811
EWL_C/src/strtold.c Line: 947
EWL_C/src/strtold.c Line: 965
EWL_C/src/strtold.c Line: 969
EWL_C/src/strtold.c Line: 990
EWL_C/src/strtold.c Line: 994
EWL_C/src/strtold.c Line: 1017
EWL_C/src/strtold.c Line: 1021
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 93
EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 90
EWL_C/src/sun_math/ansi_fp.c Line: 136

```
EWL_C/src/sun_math/ansi_fp.c Line: 141
EWL_C/src/sun_math/ansi_fp.c Line: 820
EWL_C/src/sun_math/ansi_fp.c Line: 1000
EWL_C/src/sun_math/ansi_fp.c Line: 1046
EWL_C/src/sun_math/ansi_fp.c Line: 1235
EWL_C/src/wchar_io.c Line: 66
EWL_C/src/wchar_io.c Line: 88
EWL_C/src/wchar_io.c Line: 136
EWL_C/src/wchar_io.c Line: 157
EWL_C/src/wchar_io.c Line: 169
EWL_C/src/wchar_io.c Line: 264
EWL_C/src/wchar_io.c Line: 393
EWL_C/src/wchar_io.c Line: 418
EWL_C/src/wmem.c Line: 98
```

MISRA_EXCEPTION_RULE_12_4 :

This topic lists the MISRA exception rules for side effects in logical expressions.

MISRA 2004 Rule 12.4: side effect righthand of && or ||

Used to allow sideeffect in logical expressions, e.g., "if (isnan(x) || isnan(y)) ...".

```
EWL_C/src/char_io.c Line: 192
EWL_C/src/math_fma.c Line: 63
EWL_C/src/math_fma.c Line: 516
EWL_C/src/printformat.c Line: 1647
EWL_C/src/printformat.c Line: 1933
EWL_C/src/printformat.c Line: 1945
EWL_C/src/printformat.c Line: 2381
EWL_C/src/printformat.c Line: 2429
EWL_C/src/sc/pow_StarCore.c Line: 93
EWL_C/src/scanformat.c Line: 448
EWL_C/src/scanformat.c Line: 614
```

Kinetis

General Exceptions

EWL_C/src/scanformat.c Line: 690
EWL_C/src/scanformat.c Line: 1226
EWL_C/src/scanformat.c Line: 1266
EWL_C/src/scanformat.c Line: 1384
EWL_C/src/scanformat.c Line: 1440
EWL_C/src/string.c Line: 1193
EWL_C/src/string.c Line: 1225
EWL_C/src/string.c Line: 1268
EWL_C/src/strtold.c Line: 345
EWL_C/src/strtold.c Line: 370
EWL_C/src/strtold.c Line: 377
EWL_C/src/strtold.c Line: 723
EWL_C/src/strtoul.c Line: 196
EWL_C/src/strtoul.c Line: 454
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 121
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 92
EWL_C/src/sun_math/ansi_fp.c Line: 1024
EWL_C/src/time.c Line: 104
EWL_C/src/wchar_io.c Line: 390
EWL_C/src/wcstold.c Line: 314
EWL_C/src/wcstold.c Line: 339
EWL_C/src/wcstold.c Line: 346
EWL_C/src/wcstold.c Line: 704
EWL_C/src/wcstoul.c Line: 213
EWL_C/src/wcstoul.c Line: 357
EWL_C/src/wprintf.c Line: 1232
EWL_C/src/wprintf.c Line: 1513
EWL_C/src/wprintf.c Line: 1525
EWL_C/src/wprintf.c Line: 1824
EWL_C/src/wprintf.c Line: 1870
EWL_C/src/wprintfformat.c Line: 1501
EWL_C/src/wprintfformat.c Line: 1835

EWL_C/src/wprintf.c Line: 1849
EWL_C/src/wscanf.c Line: 306
EWL_C/src/wscanf.c Line: 368
EWL_C/src/wscanf.c Line: 413
EWL_C/src/wscanf.c Line: 719
EWL_C/src/wscanf.c Line: 756
EWL_C/src/wscanf.c Line: 824
EWL_C/src/wscanf.c Line: 886
EWL_C/src/wstring.c Line: 97

MISRA_EXCEPTION_RULE_12_7 :

This topic lists the MISRA exception rules for bitwise shift operator applied to signed underlying type.

MISRA 2004 Rule 12.7: Bitwise shift operator applied to signed underlying type

Used to allow >>, e.g., "ex >>= 23;".

EWL_C/src/math_fma.c Line: 236
EWL_C/src/math_fma.c Line: 685
EWL_C/src/mem.c Line: 102
EWL_C/src/pa/fenv.ppc.c Line: 73
EWL_C/src/pa/fenv.ppc.c Line: 122
EWL_C/src/pa/fenv.ppc.c Line: 166
EWL_C/src/pa/fenv.ppc.c Line: 218
EWL_C/src/pa/fenv.ppc.c Line: 273
EWL_C/src/sc/math_StarCore.c Line: 46
EWL_C/src/sc/math_StarCore.c Line: 68
EWL_C/src/sc/math_StarCore.c Line: 72
EWL_C/src/sc/math_StarCore.c Line: 83
EWL_C/src/sc/math_StarCore.c Line: 115
EWL_C/src/sc/math_StarCore.c Line: 117
EWL_C/src/sc/modf_StarCore.c Line: 16

EWL_C/src/sc/sin_StarCore.c Line: 128
EWL_C/src/sc/sin_StarCore.c Line: 134
EWL_C/src/sc/sin_StarCore.c Line: 141
EWL_C/src/strtoul.c Line: 303
EWL_C/src/strtoul.c Line: 532
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 73
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 76
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 55
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 82
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 86
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 71
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 75
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 90
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 109
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 126
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 175
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 189
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 60
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 190
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 33
EWL_C/src/sun_math/Double_precision/e_hypot.c Line: 128
EWL_C/src/sun_math/Double_precision/e_log.c Line: 144
EWL_C/src/sun_math/Double_precision/e_log.c Line: 183
EWL_C/src/sun_math/Double_precision/e_log10.c Line: 126
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 266
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 373
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 437
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 439
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 96
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 141
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 144
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 152

```

EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 184
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 186
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 190
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 224
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 249
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 268
EWL_C/src/sun_math/Double_precision/k_tan.c Line: 119
EWL_C/src/sun_math/Double_precision/s_cbrt.c Line: 54
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 63
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 66
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 91
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 97
EWL_C/src/sun_math/Double_precision/s_copysign.c Line: 31
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 245
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 251
EWL_C/src/sun_math/Double_precision/s_floor.c Line: 34
EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 65
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 57
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 70
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 58
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 61
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 73
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 156
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 61
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 142
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 47
EWL_C/src/sun_math/Single_precision/e_hypotf.c Line: 116
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 116
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 115
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 154
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 71
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 224

```



Kinetis

General Exceptions

EWL_C/src/sun_math/Single_precision/e_powf.c Line: 387
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 389
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:123
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:135
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:148
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:168
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:173
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:177
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:186
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:217
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:219
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 111
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:124
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:147
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:166
EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 100
EWL_C/src/sun_math/Single_precision/s_cbrtf.c Line: 70
EWL_C/src/sun_math/Single_precision/s_ceilf.c Line: 66
EWL_C/src/sun_math/Single_precision/s_ceilf.c Line: 69
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 169
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 171
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 177
EWL_C/src/sun_math/Single_precision/s_floorf.c Line: 47
EWL_C/src/sun_math/ansi_fp.c Line: 489
EWL_C/src/sun_math/ansi_fp.c Line: 1191
EWL_C/src/sun_math/ansi_fp.c Line: 1413
EWL_C/src/sun_math/ansi_fp.c Line: 1441
EWL_C/src/wcstoul.c Line: 482
EWL_C/src/wcstoul.c Line: 526

MISRA_EXCEPTION_RULE_12_7a

This topic lists the MISRA exception rule for the bitwise operator (*and* (&), or (|)) applied to the signed underlying type.

MISRA 2004 Rule 12.7: Bitwise operator (and(&), or(|)) applied to signed underlying type

Used to allow bitwise "&" on signed types, e.g., "intpart & 1L".

```
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 48
EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 114
EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 119
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 61
EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 42
EWL_C/src/sun_math/Single_precision/s_scalbnf.c Line: 41
EWL_C/src/sun_math/ansi_fp.c Line: 679
EWL_C/src/sun_math/math_sun.c Line: 347
EWL_C/src/sun_math/math_sun.c Line: 437
EWL_C/src/sun_math/math_sun.c Line: 526
```

MISRA_EXCEPTION_RULE_12_7b

This topic lists the MISRA exception rule for bitwise operator *xor* (^) used in the logical expressions or with the signed types.

MISRA 2004 Rule 12.7: Bitwise operator xor (^) used in logical expressions or with signed types

Used to allow '^' as xor in logical expressions, e.g., "sign = ((x < 0) ^ (y < 0)) ? -1 : 1;".

```
EWL_C/src/arith.c Line: 249
EWL_C/src/arith.c Line: 273
EWL_C/src/arith.c Line: 296
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 49
```

MISRA_EXCEPTION_RULE_13_1

This topic lists the MISRA exception rule for boolean test of a parenthesized assignment.

MISRA 2004 Rule 13.1: Boolean test of a parenthesized assignment

To be removed: Used to generate more efficient code, e.g., "while ((*q++ = *p++)) ...".

```
EWL_C/src/string.c Line: 116
EWL_C/src/string.c Line: 283
EWL_C/src/string.c Line: 299
EWL_C/src/string.c Line: 324
EWL_C/src/string.c Line: 336
EWL_C/src/string.c Line: 356
EWL_C/src/string.c Line: 375
EWL_C/src/string.c Line: 593
EWL_C/src/string.c Line: 609
EWL_C/src/string.c Line: 776
EWL_C/src/string.c Line: 797
EWL_C/src/string.c Line: 831
EWL_C/src/string.c Line: 838
EWL_C/src/string.c Line: 852
EWL_C/src/string.c Line: 859
EWL_C/src/string.c Line: 882
EWL_C/src/string.c Line: 889
EWL_C/src/string.c Line: 903
EWL_C/src/string.c Line: 910
EWL_C/src/string.c Line: 934
EWL_C/src/string.c Line: 941
EWL_C/src/string.c Line: 956
EWL_C/src/string.c Line: 963
EWL_C/src/string.c Line: 997
EWL_C/src/string.c Line: 1004
EWL_C/src/string.c Line: 1019
EWL_C/src/string.c Line: 1039
EWL_C/src/string.c Line: 1046
EWL_C/src/string.c Line: 1061
```

EWL_C/src/string.c Line: 1102
EWL_C/src/string.c Line: 1109
EWL_C/src/string.c Line: 1124
EWL_C/src/string.c Line: 1144
EWL_C/src/string.c Line: 1151
EWL_C/src/string.c Line: 1166
EWL_C/src/string.c Line: 1194
EWL_C/src/string.c Line: 1200
EWL_C/src/string.c Line: 1207
EWL_C/src/string.c Line: 1226
EWL_C/src/string.c Line: 1232
EWL_C/src/string.c Line: 1239
EWL_C/src/time.c Line: 827
EWL_C/src/wstring.c Line: 113
EWL_C/src/wstring.c Line: 121
EWL_C/src/wstring.c Line: 165
EWL_C/src/wstring.c Line: 182
EWL_C/src/wstring.c Line: 242
EWL_C/src/wstring.c Line: 253
EWL_C/src/wstring.c Line: 308
EWL_C/src/wstring.c Line: 327
EWL_C/src/wstring.c Line: 475
EWL_C/src/wstring.c Line: 490
EWL_C/src/wstring.c Line: 531
EWL_C/src/wstring.c Line: 552
EWL_C/src/wstring.c Line: 577
EWL_C/src/wstring.c Line: 590
EWL_C/src/wstring.c Line: 611
EWL_C/src/wstring.c Line: 623
EWL_C/src/wstring.c Line: 644
EWL_C/src/wstring.c Line: 656
EWL_C/src/wstring.c Line: 676

```

EWL_C/src/wstring.c Line: 689
EWL_C/src/wstring.c Line: 729
EWL_C/src/wstring.c Line: 744
EWL_C/src/wstring.c Line: 762
EWL_C/src/wstring.c Line: 777
EWL_C/src/wstring.c Line: 812
EWL_C/src/wstring.c Line: 818
EWL_C/src/wstring.c Line: 842
EWL_C/src/wstring.c Line: 848
EWL_C/src/wstring.c Line: 855
EWL_C/src/wtime.c Line: 103

```

MISRA_EXCEPTION_RULE_13_3

This topic lists the MISRA exception rule for testing the floats for equality.

MISRA 2004 Rule 13.3: Testing floats for equality

Used to allow floating point equality checks, e.g., "if (x == -INFINITY) ...".

```

EWL_C/src/math_double.c Line: 75
EWL_C/src/math_float.c Line: 208
EWL_C/src/math_float.c Line: 306
EWL_C/src/math_fma.c Line: 158
EWL_C/src/math_fma.c Line: 187
EWL_C/src/math_fma.c Line: 204
EWL_C/src/math_fma.c Line: 608
EWL_C/src/math_fma.c Line: 637
EWL_C/src/math_fma.c Line: 653
EWL_C/src/math_longdouble.c Line: 111
EWL_C/src/math_longdouble.c Line: 173
EWL_C/src/math_longdouble.c Line: 212
EWL_C/src/math_longdouble.c Line: 220
EWL_C/src/sc/atan2_StarCore.c Line: 47
EWL_C/src/sc/exp_StarCore.c Line: 113

```


EWL_C/src/sc/exp_StarCore.c Line: 132
EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 185
EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 233
EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 275
EWL_C/src/sun_math/Double_precision/e_log.c Line: 154
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 115
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 120
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 194
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 269
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 496
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 501
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 104
EWL_C/src/sun_math/Double_precision/s_matherr.c Line: 27
EWL_C/src/sun_math/Double_precision/s_nextafter.c Line: 26
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:136
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:186
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:230
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 125
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 86
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 91
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:227
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:167
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 57
EWL_C/src/sun_math/Single_precision/s_nextafterf.c Line:32
EWL_C/src/sun_math/ansi_fp.c Line: 979

MISRA_EXCEPTION_RULE_13_7

This topic lists the MISRA exception rule for constant value logical expressions.

MISRA 2004 Rules 13.7 and 14.1: Constant value logical expressions

Used to allow configuration dependent constant expressions, e.g., "if ((uint_t)math_errhandling & (uint_t)MATH_ERRNO) ...".

- * MISRA 2004 Rules 13.7 and 14.1: Constant value Boolean
- * Boolean within 'if' always evaluates to true
- * The right argument to operator '&&' is certain to be 0

```

EWL_C/src/alloc.c Line: 201
EWL_C/src/alloc.c Line: 466
EWL_C/src/alloc.c Line: 3142
EWL_C/src/math_double.c Line: 113
EWL_C/src/math_double.c Line: 117
EWL_C/src/math_double.c Line: 122
EWL_C/src/math_double.c Line: 153
EWL_C/src/math_double.c Line: 156
EWL_C/src/math_double.c Line: 162
EWL_C/src/math_double.c Line: 165
EWL_C/src/math_double.c Line: 241
EWL_C/src/math_double.c Line: 246
EWL_C/src/math_float.c Line: 69
EWL_C/src/math_float.c Line: 72
EWL_C/src/math_float.c Line: 77
EWL_C/src/math_float.c Line: 82
EWL_C/src/math_float.c Line: 87
EWL_C/src/math_float.c Line: 243
EWL_C/src/math_float.c Line: 247
EWL_C/src/math_float.c Line: 252
EWL_C/src/math_float.c Line: 308
EWL_C/src/math_float.c Line: 313
EWL_C/src/math_longdouble.c Line: 51
EWL_C/src/math_longdouble.c Line: 56
EWL_C/src/math_longdouble.c Line: 108

```

EWL_C/src/math_longdouble.c Line: 175
EWL_C/src/math_longdouble.c Line: 180
EWL_C/src/printformat.c Line: 1404
EWL_C/src/printformat.c Line: 1409
EWL_C/src/printformat.c Line: 1414
EWL_C/src/printformat.c Line: 1439
EWL_C/src/printformat.c Line: 1463
EWL_C/src/printformat.c Line: 1494
EWL_C/src/sc/asin_StarCore.c Line: 103
EWL_C/src/sc/asin_StarCore.c Line: 108
EWL_C/src/sc/asin_StarCore.c Line: 128
EWL_C/src/sc/asin_StarCore.c Line: 133
EWL_C/src/sc/atan2_StarCore.c Line: 23
EWL_C/src/sc/atan2_StarCore.c Line: 28
EWL_C/src/sc/exp_StarCore.c Line: 119
EWL_C/src/sc/exp_StarCore.c Line: 138
EWL_C/src/sc/ldexp_StarCore.c Line: 26
EWL_C/src/sc/log10_StarCore.c Line: 64
EWL_C/src/sc/log10_StarCore.c Line: 74
EWL_C/src/sc/log10_StarCore.c Line: 79
EWL_C/src/sc/log_StarCore.c Line: 86
EWL_C/src/sc/log_StarCore.c Line: 91
EWL_C/src/sc/log_StarCore.c Line: 105
EWL_C/src/sc/math_StarCore.c Line: 51
EWL_C/src/sc/math_StarCore.c Line: 56
EWL_C/src/sc/math_StarCore.c Line: 206
EWL_C/src/sc/math_StarCore.c Line: 273
EWL_C/src/sc/math_StarCore.c Line: 341
EWL_C/src/sc/pow_StarCore.c Line: 97
EWL_C/src/sc/pow_StarCore.c Line: 102
EWL_C/src/sc/pow_StarCore.c Line: 116
EWL_C/src/sc/pow_StarCore.c Line: 121

EWL_C/src/sc/pow_StarCore.c Line: 150
EWL_C/src/sc/pow_StarCore.c Line: 170
EWL_C/src/sc/pow_StarCore.c Line: 205
EWL_C/src/sc/pow_StarCore.c Line: 219
EWL_C/src/sc/sinh_StarCore.c Line: 58
EWL_C/src/sc/sqrt_StarCore.c Line: 34
EWL_C/src/sc/sqrt_StarCore.c Line: 39
EWL_C/src/sc/sqrt_StarCore.c Line: 89
EWL_C/src/sc/sqrt_StarCore.c Line: 94
EWL_C/src/signal.c Line: 77
EWL_C/src/strtold.c Line: 852
EWL_C/src/strtold.c Line: 915
EWL_C/src/strtold.c Line: 919
EWL_C/src/strtold.c Line: 923
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 88
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 93
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 58
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 63
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 93
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 98
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 95
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 100
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 66
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 71
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 86
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 105
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 133
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 144
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 59
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 64
EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 230
EWL_C/src/sun_math/Double_precision/e_log.c Line: 106

```

EWL_C/src/sun_math/Double_precision/e_log.c Line: 118
EWL_C/src/sun_math/Double_precision/e_log.c Line: 123
EWL_C/src/sun_math/Double_precision/e_log10.c Line: 83
EWL_C/src/sun_math/Double_precision/e_log10.c Line: 100
EWL_C/src/sun_math/Double_precision/e_log10.c Line: 105
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 134
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 139
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 146
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 151
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 170
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 270
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 275
EWL_C/src/sun_math/Double_precision/e_remainder.c Line: 57
EWL_C/src/sun_math/Double_precision/e_remainder.c Line: 62
EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 101
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 119
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 124
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 147
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 152
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 166
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 179
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 43
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 48
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 73
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 78
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 89
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 94
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 126
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 136
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 141
EWL_C/src/sun_math/Double_precision/s_logb.c Line: 37
EWL_C/src/sun_math/Double_precision/s_logb.c Line: 42

```



Kinetis

General Exceptions

EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 77
EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 82
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 60
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 65
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 80
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 85
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 78
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 83
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 66
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 71
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 86
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 91
EWL_C/src/sun_math/Single_precision/e_coshf.c Line: 94
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 86
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 97
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 50
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:183
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 67
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 85
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 90
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 71
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 84
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 89
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 105
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 110
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 117
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 122
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 141
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 231
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 236
EWL_C/src/sun_math/Single_precision/e_remainderf.c Line:61
EWL_C/src/sun_math/Single_precision/e_remainderf.c Line:66

```

EWL_C/src/sun_math/Single_precision/e_sinhf.c Line: 94
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 72
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 77
EWL_C/src/sun_math/Single_precision/fmodf.c Line: 36
EWL_C/src/sun_math/Single_precision/fmodf.c Line: 41
EWL_C/src/sun_math/Single_precision/log2f.c Line: 73
EWL_C/src/sun_math/Single_precision/log2f.c Line: 80
EWL_C/src/sun_math/Single_precision/log2f.c Line: 85
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 89
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 102
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 50
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 55
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 79
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 84
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 95
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 100
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 81
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 92
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 97
EWL_C/src/sun_math/Single_precision/s_logbf.c Line: 47
EWL_C/src/sun_math/Single_precision/s_logbf.c Line: 52
EWL_C/src/sun_math/ansi_fp.c Line: 1155
EWL_C/src/sun_math/math_sun.c Line: 94
EWL_C/src/sun_math/math_sun.c Line: 121
EWL_C/src/sun_math/math_sun.c Line: 180
EWL_C/src/sun_math/math_sun.c Line: 239
EWL_C/src/sun_math/math_sun.c Line: 301
EWL_C/src/sun_math/math_sun.c Line: 391
EWL_C/src/sun_math/math_sun.c Line: 480
EWL_C/src/sun_math/math_sun.c Line: 567
EWL_C/src/sun_math/math_sun.c Line: 625
EWL_C/src/sun_math/math_sun.c Line: 684

```

```

EWL_C/src/wcstold.c Line: 791
EWL_C/src/wcstold.c Line: 854
EWL_C/src/wcstold.c Line: 859
EWL_C/src/wcstold.c Line: 864
EWL_C/src/wprintf.c Line: 1085
EWL_C/src/wprintf.c Line: 1089
EWL_C/src/wprintf.c Line: 1093
EWL_C/src/wprintf.c Line: 1120
EWL_C/src/wprintf.c Line: 1143
EWL_C/src/wprintf.c Line: 1168
EWL_C/src/wprintfformat.c Line: 1227
EWL_C/src/wprintfformat.c Line: 1232
EWL_C/src/wprintfformat.c Line: 1237
EWL_C/src/wprintfformat.c Line: 1270
EWL_C/src/wprintfformat.c Line: 1299
EWL_C/src/wprintfformat.c Line: 1333

```

MISRA_EXCEPTION_RULE_14_4

This topic lists the MISRA exception rule for *goto* statements.

MISRA 2004 Rule 14.4: goto stmt

Used to allow "goto" statements , e.g., for code sharing.

```

EWL_C/src/printformat.c Line: 1736
EWL_C/src/printformat.c Line: 1749
EWL_C/src/printformat.c Line: 2033
EWL_C/src/printformat.c Line: 2042
EWL_C/src/printformat.c Line: 2118
EWL_C/src/printformat.c Line: 2126
EWL_C/src/printformat.c Line: 2170
EWL_C/src/printformat.c Line: 2188
EWL_C/src/printformat.c Line: 2213
EWL_C/src/printformat.c Line: 2340

```


EWL_C/src/printformat.c Line: 2359
EWL_C/src/scanformat.c Line: 627
EWL_C/src/scanformat.c Line: 643
EWL_C/src/scanformat.c Line: 693
EWL_C/src/scanformat.c Line: 704
EWL_C/src/scanformat.c Line: 742
EWL_C/src/scanformat.c Line: 750
EWL_C/src/scanformat.c Line: 871
EWL_C/src/scanformat.c Line: 876
EWL_C/src/scanformat.c Line: 912
EWL_C/src/scanformat.c Line: 920
EWL_C/src/scanformat.c Line: 1060
EWL_C/src/scanformat.c Line: 1065
EWL_C/src/scanformat.c Line: 1169
EWL_C/src/scanformat.c Line: 1250
EWL_C/src/scanformat.c Line: 1275
EWL_C/src/scanformat.c Line: 1308
EWL_C/src/scanformat.c Line: 1412
EWL_C/src/scanformat.c Line: 1531
EWL_C/src/string.c Line: 148
EWL_C/src/string.c Line: 213
EWL_C/src/string.c Line: 236
EWL_C/src/string.c Line: 426
EWL_C/src/string.c Line: 466
EWL_C/src/string.c Line: 479
EWL_C/src/string.c Line: 488
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 282
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:180
EWL_C/src/sun_math/ansi_fp.c Line: 322
EWL_C/src/sun_math/ansi_fp.c Line: 361
EWL_C/src/sun_math/ansi_fp.c Line: 368
EWL_C/src/sun_math/ansi_fp.c Line: 674



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General Exceptions

EWL_C/src/sun_math/ansi_fp.c Line: 1006
EWL_C/src/sun_math/ansi_fp.c Line: 1017
EWL_C/src/wprintf.c Line: 1320
EWL_C/src/wprintf.c Line: 1334
EWL_C/src/wprintf.c Line: 1578
EWL_C/src/wprintf.c Line: 1587
EWL_C/src/wprintf.c Line: 1640
EWL_C/src/wprintf.c Line: 1649
EWL_C/src/wprintf.c Line: 1680
EWL_C/src/wprintf.c Line: 1698
EWL_C/src/wprintf.c Line: 1763
EWL_C/src/wprintfformat.c Line: 1616
EWL_C/src/wprintfformat.c Line: 1632
EWL_C/src/wprintfformat.c Line: 1921
EWL_C/src/wprintfformat.c Line: 1931
EWL_C/src/wprintfformat.c Line: 1991
EWL_C/src/wprintfformat.c Line: 2001
EWL_C/src/wprintfformat.c Line: 2029
EWL_C/src/wprintfformat.c Line: 2049
EWL_C/src/wprintfformat.c Line: 2131
EWL_C/src/wscanf.c Line: 389
EWL_C/src/wscanf.c Line: 416
EWL_C/src/wscanf.c Line: 426
EWL_C/src/wscanf.c Line: 456
EWL_C/src/wscanf.c Line: 467
EWL_C/src/wscanf.c Line: 535
EWL_C/src/wscanf.c Line: 540
EWL_C/src/wscanf.c Line: 574
EWL_C/src/wscanf.c Line: 584
EWL_C/src/wscanf.c Line: 665
EWL_C/src/wscanf.c Line: 670
EWL_C/src/wscanf.c Line: 729

EWL_C/src/wscanf.c Line: 740
EWL_C/src/wscanf.c Line: 763
EWL_C/src/wscanf.c Line: 782
EWL_C/src/wscanf.c Line: 841
EWL_C/src/wscanf.c Line: 861
EWL_C/src/wscanf.c Line: 933

MISRA_EXCEPTION_RULE_14_5 :

This topic lists the MISRA exception rule for *continue* statements.

MISRA 2004 Rule 14.5: continue stmt

Used to allow "continue" statements.

EWL_C/src/printformat.c Line: 2285
EWL_C/src/scanformat.c Line: 635
EWL_C/src/scanformat.c Line: 648
EWL_C/src/scanformat.c Line: 655
EWL_C/src/scanformat.c Line: 1221
EWL_C/src/scanformat.c Line: 1257
EWL_C/src/scanformat.c Line: 1298
EWL_C/src/scanformat.c Line: 1312
EWL_C/src/scanformat.c Line: 1379
EWL_C/src/scanformat.c Line: 1419
EWL_C/src/scanformat.c Line: 1526
EWL_C/src/sys/uart_console_io.c Line: 101
EWL_C/src/wprintf.c Line: 1798
EWL_C/src/wprintf.c Line: 2167
EWL_C/src/wscanf.c Line: 381
EWL_C/src/wscanf.c Line: 394
EWL_C/src/wscanf.c Line: 401
EWL_C/src/wscanf.c Line: 714
EWL_C/src/wscanf.c Line: 747
EWL_C/src/wscanf.c Line: 772

EWL_C/src/wscanf.c Line: 786

EWL_C/src/wscanf.c Line: 819

EWL_C/src/wscanf.c Line: 848

EWL_C/src/wscanf.c Line: 868

EWL_C/src/wscanf.c Line: 927

MISRA_EXCEPTION_RULE_14_6 :

This topic lists the MISRA exception rule for more than one *break* in a loop.

MISRA 2004 Rule 14.6: More than one break terminates loop

Used to allow more than one "break;" in a loop.

EWL_C/src/alloc.c Line: 2412

EWL_C/src/char_io.c Line: 223

EWL_C/src/char_io.c Line: 275

EWL_C/src/mbstring.c Line: 539

EWL_C/src/mbstring.c Line: 580

EWL_C/src/mbstring.c Line: 588

EWL_C/src/mbstring.c Line: 717

EWL_C/src/mbstring.c Line: 761

EWL_C/src/mbstring.c Line: 799

EWL_C/src/mbstring.c Line: 850

EWL_C/src/sun_math/ansi_fp.c Line: 206

EWL_C/src/sun_math/ansi_fp.c Line: 1036

EWL_C/src/sys/uart_console_io.c Line: 107

EWL_C/src/sys/uart_console_io.c Line: 113

MISRA_EXCEPTION_RULE_14_7

This topic lists the MISRA exception rule for return statements before the function end.

MISRA 2004 Rule 14.7: Return statement before end of function

Used to allow more than one "return;" in a function

```
EWL_C/src/abort_exit.c Line: 82
EWL_C/src/alloc.c Line: 210
EWL_C/src/alloc.c Line: 245
EWL_C/src/alloc.c Line: 274
EWL_C/src/alloc.c Line: 408
EWL_C/src/alloc.c Line: 467
EWL_C/src/alloc.c Line: 2072
EWL_C/src/alloc.c Line: 2256
EWL_C/src/alloc.c Line: 2267
EWL_C/src/alloc.c Line: 2393
EWL_C/src/alloc.c Line: 2408
EWL_C/src/alloc.c Line: 2434
EWL_C/src/alloc.c Line: 2451
EWL_C/src/alloc.c Line: 2618
EWL_C/src/alloc.c Line: 2750
EWL_C/src/alloc.c Line: 2785
EWL_C/src/alloc.c Line: 2789
EWL_C/src/alloc.c Line: 2808
EWL_C/src/alloc.c Line: 2852
EWL_C/src/alloc.c Line: 2886
EWL_C/src/alloc.c Line: 2969
EWL_C/src/alloc.c Line: 2972
EWL_C/src/alloc.c Line: 2978
EWL_C/src/alloc.c Line: 2983
EWL_C/src/alloc.c Line: 3117
EWL_C/src/alloc.c Line: 3125
EWL_C/src/arith.c Line: 67
EWL_C/src/arith.c Line: 101
EWL_C/src/arith.c Line: 113
```

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General Exceptions

EWL_C/src/arith.c Line: 185
EWL_C/src/arith.c Line: 190
EWL_C/src/arith.c Line: 206
EWL_C/src/arith.c Line: 211
EWL_C/src/arith.c Line: 228
EWL_C/src/arith.c Line: 233
EWL_C/src/arith.c Line: 259
EWL_C/src/arith.c Line: 280
EWL_C/src/arith.c Line: 303
EWL_C/src/bsearch.c Line: 40
EWL_C/src/bsearch.c Line: 49
EWL_C/src/bsearch.c Line: 54
EWL_C/src/bsearch.c Line: 67
EWL_C/src/bsearch.c Line: 94
EWL_C/src/bsearch.c Line: 99
EWL_C/src/bsearch.c Line: 108
EWL_C/src/bsearch.c Line: 113
EWL_C/src/bsearch.c Line: 127
EWL_C/src/buffer_io.c Line: 166
EWL_C/src/buffer_io.c Line: 229
EWL_C/src/buffer_io.c Line: 255
EWL_C/src/buffer_io.c Line: 260
EWL_C/src/buffer_io.c Line: 269
EWL_C/src/buffer_io.c Line: 296
EWL_C/src/buffer_io.c Line: 306
EWL_C/src/buffer_io.c Line: 313
EWL_C/src/char_io.c Line: 58
EWL_C/src/char_io.c Line: 66
EWL_C/src/char_io.c Line: 77
EWL_C/src/char_io.c Line: 93
EWL_C/src/char_io.c Line: 185
EWL_C/src/char_io.c Line: 200

EWL_C/src/char_io.c Line: 232
EWL_C/src/char_io.c Line: 269
EWL_C/src/char_io.c Line: 284
EWL_C/src/char_io.c Line: 331
EWL_C/src/char_io.c Line: 337
EWL_C/src/char_io.c Line: 360
EWL_C/src/char_io.c Line: 375
EWL_C/src/char_io.c Line: 390
EWL_C/src/char_io.c Line: 403
EWL_C/src/char_io.c Line: 411
EWL_C/src/char_io.c Line: 423
EWL_C/src/coldfire/fenv_cf.c Line: 231
EWL_C/src/coldfire/uart_console_io_cf.c Line: 64
EWL_C/src/coldfire/uart_console_io_cf.c Line: 107
EWL_C/src/coldfire/uart_console_io_cf.c Line: 114
EWL_C/src/direct_io.c Line: 82
EWL_C/src/direct_io.c Line: 98
EWL_C/src/direct_io.c Line: 106
EWL_C/src/direct_io.c Line: 229
EWL_C/src/direct_io.c Line: 250
EWL_C/src/direct_io.c Line: 264
EWL_C/src/file_io.c Line: 165
EWL_C/src/file_io.c Line: 183
EWL_C/src/file_io.c Line: 187
EWL_C/src/file_io.c Line: 203
EWL_C/src/file_io.c Line: 209
EWL_C/src/file_io.c Line: 212
EWL_C/src/file_io.c Line: 228
EWL_C/src/file_io.c Line: 233
EWL_C/src/file_io.c Line: 238
EWL_C/src/file_io.c Line: 252
EWL_C/src/file_io.c Line: 271

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General Exceptions

EWL_C/src/file_io.c Line: 309
EWL_C/src/file_io.c Line: 327
EWL_C/src/file_io.c Line: 335
EWL_C/src/file_io.c Line: 347
EWL_C/src/file_io.c Line: 368
EWL_C/src/file_io.c Line: 376
EWL_C/src/file_io.c Line: 386
EWL_C/src/file_io.c Line: 394
EWL_C/src/file_io.c Line: 406
EWL_C/src/file_io.c Line: 432
EWL_C/src/file_io.c Line: 460
EWL_C/src/file_io.c Line: 468
EWL_C/src/file_io.c Line: 589
EWL_C/src/file_io.c Line: 593
EWL_C/src/file_io.c Line: 597
EWL_C/src/file_pos.c Line: 53
EWL_C/src/file_pos.c Line: 58
EWL_C/src/file_pos.c Line: 180
EWL_C/src/file_pos.c Line: 189
EWL_C/src/file_pos.c Line: 232
EWL_C/src/locale.c Line: 89
EWL_C/src/locale.c Line: 95
EWL_C/src/locale.c Line: 102
EWL_C/src/math_api.c Line: 86
EWL_C/src/math_api.c Line: 89
EWL_C/src/math_api.c Line: 92
EWL_C/src/math_api.c Line: 95
EWL_C/src/math_api.c Line: 98
EWL_C/src/math_api.c Line: 127
EWL_C/src/math_api.c Line: 130
EWL_C/src/math_api.c Line: 135
EWL_C/src/math_api.c Line: 138

EWL_C/src/math_api.c Line: 165
EWL_C/src/math_api.c Line: 168
EWL_C/src/math_api.c Line: 175
EWL_C/src/math_api.c Line: 178
EWL_C/src/math_double.c Line: 66
EWL_C/src/math_double.c Line: 70
EWL_C/src/math_double.c Line: 78
EWL_C/src/math_double.c Line: 82
EWL_C/src/math_double.c Line: 143
EWL_C/src/math_double.c Line: 170
EWL_C/src/math_double.c Line: 255
EWL_C/src/math_double.c Line: 259
EWL_C/src/math_double.c Line: 263
EWL_C/src/math_float.c Line: 59
EWL_C/src/math_float.c Line: 93
EWL_C/src/math_float.c Line: 212
EWL_C/src/math_float.c Line: 218
EWL_C/src/math_float.c Line: 223
EWL_C/src/math_float.c Line: 328
EWL_C/src/math_float.c Line: 331
EWL_C/src/math_float.c Line: 341
EWL_C/src/math_float.c Line: 348
EWL_C/src/math_float.c Line: 354
EWL_C/src/math_fma.c Line: 66
EWL_C/src/math_fma.c Line: 78
EWL_C/src/math_fma.c Line: 83
EWL_C/src/math_fma.c Line: 89
EWL_C/src/math_fma.c Line: 118
EWL_C/src/math_fma.c Line: 124
EWL_C/src/math_fma.c Line: 132
EWL_C/src/math_fma.c Line: 137
EWL_C/src/math_fma.c Line: 149



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General Exceptions

EWL_C/src/math_fma.c Line: 153
EWL_C/src/math_fma.c Line: 161
EWL_C/src/math_fma.c Line: 167
EWL_C/src/math_fma.c Line: 170
EWL_C/src/math_fma.c Line: 176
EWL_C/src/math_fma.c Line: 179
EWL_C/src/math_fma.c Line: 192
EWL_C/src/math_fma.c Line: 197
EWL_C/src/math_fma.c Line: 208
EWL_C/src/math_fma.c Line: 213
EWL_C/src/math_fma.c Line: 220
EWL_C/src/math_fma.c Line: 229
EWL_C/src/math_fma.c Line: 294
EWL_C/src/math_fma.c Line: 394
EWL_C/src/math_fma.c Line: 432
EWL_C/src/math_fma.c Line: 440
EWL_C/src/math_fma.c Line: 518
EWL_C/src/math_fma.c Line: 530
EWL_C/src/math_fma.c Line: 535
EWL_C/src/math_fma.c Line: 541
EWL_C/src/math_fma.c Line: 570
EWL_C/src/math_fma.c Line: 576
EWL_C/src/math_fma.c Line: 584
EWL_C/src/math_fma.c Line: 589
EWL_C/src/math_fma.c Line: 600
EWL_C/src/math_fma.c Line: 603
EWL_C/src/math_fma.c Line: 610
EWL_C/src/math_fma.c Line: 616
EWL_C/src/math_fma.c Line: 619
EWL_C/src/math_fma.c Line: 625
EWL_C/src/math_fma.c Line: 628
EWL_C/src/math_fma.c Line: 641

EWL_C/src/math_fma.c Line: 646
EWL_C/src/math_fma.c Line: 657
EWL_C/src/math_fma.c Line: 662
EWL_C/src/math_fma.c Line: 669
EWL_C/src/math_fma.c Line: 678
EWL_C/src/math_fma.c Line: 728
EWL_C/src/math_fma.c Line: 782
EWL_C/src/math_fma.c Line: 813
EWL_C/src/math_fma.c Line: 822
EWL_C/src/math_longdouble.c Line: 195
EWL_C/src/math_longdouble.c Line: 198
EWL_C/src/math_longdouble.c Line: 208
EWL_C/src/math_longdouble.c Line: 217
EWL_C/src/math_longdouble.c Line: 224
EWL_C/src/mbstring.c Line: 53
EWL_C/src/mbstring.c Line: 56
EWL_C/src/mbstring.c Line: 67
EWL_C/src/mbstring.c Line: 72
EWL_C/src/mbstring.c Line: 77
EWL_C/src/mbstring.c Line: 90
EWL_C/src/mbstring.c Line: 96
EWL_C/src/mbstring.c Line: 101
EWL_C/src/mbstring.c Line: 117
EWL_C/src/mbstring.c Line: 122
EWL_C/src/mbstring.c Line: 128
EWL_C/src/mbstring.c Line: 183
EWL_C/src/mbstring.c Line: 211
EWL_C/src/mbstring.c Line: 343
EWL_C/src/mbstring.c Line: 348
EWL_C/src/mbstring.c Line: 357
EWL_C/src/mbstring.c Line: 367
EWL_C/src/mbstring.c Line: 372



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General Exceptions

EWL_C/src/mbstring.c Line: 398
EWL_C/src/mbstring.c Line: 412
EWL_C/src/mbstring.c Line: 426
EWL_C/src/mbstring.c Line: 454
EWL_C/src/mbstring.c Line: 481
EWL_C/src/mbstring.c Line: 499
EWL_C/src/mbstring.c Line: 524
EWL_C/src/mbstring.c Line: 561
EWL_C/src/mbstring.c Line: 567
EWL_C/src/mbstring.c Line: 625
EWL_C/src/mbstring.c Line: 643
EWL_C/src/mbstring.c Line: 667
EWL_C/src/mbstring.c Line: 695
EWL_C/src/mbstring.c Line: 740
EWL_C/src/mbstring.c Line: 780
EWL_C/src/mbstring.c Line: 823
EWL_C/src/mbstring.c Line: 829
EWL_C/src/mbstring.c Line: 864
EWL_C/src/mbstring.c Line: 871
EWL_C/src/mbstring.c Line: 874
EWL_C/src/mem.c Line: 117
EWL_C/src/mem.c Line: 193
EWL_C/src/mem.c Line: 203
EWL_C/src/mem.c Line: 224
EWL_C/src/mem.c Line: 236
EWL_C/src/mem.c Line: 258
EWL_C/src/mem.c Line: 261
EWL_C/src/mem.c Line: 275
EWL_C/src/mem.c Line: 278
EWL_C/src/mem.c Line: 296
EWL_C/src/mem.c Line: 304
EWL_C/src/mem.c Line: 317

EWL_C/src/mem.c Line: 325
EWL_C/src/mem_funcs.c Line: 94
EWL_C/src/mem_funcs.c Line: 138
EWL_C/src/pa/fenv.ppc.c Line: 77
EWL_C/src/pa/fenv.ppc.c Line: 222
EWL_C/src/pa/fenv.ppc.c Line: 370
EWL_C/src/pa/fenv.ppc.c Line: 373
EWL_C/src/pa/fenv.ppc.c Line: 728
EWL_C/src/pa/fenv.ppc.c Line: 732
EWL_C/src/printf.c Line: 102
EWL_C/src/printf.c Line: 132
EWL_C/src/printf.c Line: 139
EWL_C/src/printf.c Line: 195
EWL_C/src/printf.c Line: 309
EWL_C/src/printf.c Line: 328
EWL_C/src/printf.c Line: 335
EWL_C/src/printf.c Line: 357
EWL_C/src/printf.c Line: 385
EWL_C/src/printf.c Line: 392
EWL_C/src/printf.c Line: 445
EWL_C/src/printf.c Line: 482
EWL_C/src/printformat.c Line: 262
EWL_C/src/printformat.c Line: 363
EWL_C/src/printformat.c Line: 510
EWL_C/src/printformat.c Line: 786
EWL_C/src/printformat.c Line: 874
EWL_C/src/printformat.c Line: 933
EWL_C/src/printformat.c Line: 1009
EWL_C/src/printformat.c Line: 1085
EWL_C/src/printformat.c Line: 1143
EWL_C/src/printformat.c Line: 1219
EWL_C/src/printformat.c Line: 1290



Kinetis

General Exceptions

EWL_C/src/printf.c Line: 1345
EWL_C/src/printf.c Line: 1364
EWL_C/src/printf.c Line: 1551
EWL_C/src/printf.c Line: 1556
EWL_C/src/printf.c Line: 1598
EWL_C/src/printf.c Line: 1605
EWL_C/src/printf.c Line: 1630
EWL_C/src/printf.c Line: 1680
EWL_C/src/printf.c Line: 1701
EWL_C/src/printf.c Line: 1779
EWL_C/src/printf.c Line: 1834
EWL_C/src/printf.c Line: 1935
EWL_C/src/printf.c Line: 1947
EWL_C/src/printf.c Line: 2205
EWL_C/src/printf.c Line: 2226
EWL_C/src/printf.c Line: 2261
EWL_C/src/printf.c Line: 2383
EWL_C/src/printf.c Line: 2387
EWL_C/src/printf.c Line: 2398
EWL_C/src/printf.c Line: 2408
EWL_C/src/printf.c Line: 2412
EWL_C/src/printf.c Line: 2421
EWL_C/src/printf.c Line: 2431
EWL_C/src/printf.c Line: 2439
EWL_C/src/printf.c Line: 2457
EWL_C/src/printf.c Line: 2461
EWL_C/src/qs.c Line: 117
EWL_C/src/qs.c Line: 135
EWL_C/src/qs.c Line: 179
EWL_C/src/qs.c Line: 184
EWL_C/src/qs.c Line: 201
EWL_C/src/scanf.c Line: 51

EWL_C/src/scanf.c Line: 56
EWL_C/src/scanf.c Line: 59
EWL_C/src/scanf.c Line: 65
EWL_C/src/scanf.c Line: 70
EWL_C/src/scanf.c Line: 84
EWL_C/src/scanf.c Line: 104
EWL_C/src/scanf.c Line: 108
EWL_C/src/scanf.c Line: 118
EWL_C/src/scanf.c Line: 122
EWL_C/src/scanf.c Line: 126
EWL_C/src/scanf.c Line: 149
EWL_C/src/scanf.c Line: 156
EWL_C/src/scanf.c Line: 167
EWL_C/src/scanf.c Line: 174
EWL_C/src/scanf.c Line: 206
EWL_C/src/scanf.c Line: 213
EWL_C/src/scanf.c Line: 225
EWL_C/src/scanf.c Line: 232
EWL_C/src/scanf.c Line: 253
EWL_C/src/scanf.c Line: 275
EWL_C/src/scanf.c Line: 289
EWL_C/src/scanf.c Line: 310
EWL_C/src/scanf.c Line: 317
EWL_C/src/scanf.c Line: 329
EWL_C/src/scanf.c Line: 335
EWL_C/src/scanf.c Line: 379
EWL_C/src/scanf.c Line: 388
EWL_C/src/scanf.c Line: 411
EWL_C/src/scanf.c Line: 418
EWL_C/src/scanf.c Line: 438
EWL_C/src/scanf.c Line: 450
EWL_C/src/scanf.c Line: 469

Kinetis

General Exceptions

EWL_C/src/scanf.c Line: 484
EWL_C/src/scanfformat.c Line: 164
EWL_C/src/scanfformat.c Line: 188
EWL_C/src/scanfformat.c Line: 1541
EWL_C/src/scanfformat.c Line: 1550
EWL_C/src/signal.c Line: 36
EWL_C/src/signal.c Line: 56
EWL_C/src/signal.c Line: 73
EWL_C/src/string.c Line: 155
EWL_C/src/string.c Line: 161
EWL_C/src/string.c Line: 246
EWL_C/src/string.c Line: 252
EWL_C/src/string.c Line: 415
EWL_C/src/string.c Line: 432
EWL_C/src/string.c Line: 440
EWL_C/src/string.c Line: 444
EWL_C/src/string.c Line: 497
EWL_C/src/string.c Line: 502
EWL_C/src/string.c Line: 510
EWL_C/src/string.c Line: 514
EWL_C/src/string.c Line: 529
EWL_C/src/string.c Line: 555
EWL_C/src/string.c Line: 572
EWL_C/src/string.c Line: 596
EWL_C/src/string.c Line: 612
EWL_C/src/string.c Line: 681
EWL_C/src/string.c Line: 703
EWL_C/src/string.c Line: 784
EWL_C/src/string.c Line: 805
EWL_C/src/string.c Line: 841
EWL_C/src/string.c Line: 862
EWL_C/src/string.c Line: 1013

EWL_C/src/string.c Line: 1055
EWL_C/src/string.c Line: 1090
EWL_C/src/string.c Line: 1118
EWL_C/src/string.c Line: 1160
EWL_C/src/string.c Line: 1196
EWL_C/src/string.c Line: 1211
EWL_C/src/string.c Line: 1228
EWL_C/src/string.c Line: 1243
EWL_C/src/string.c Line: 1261
EWL_C/src/string.c Line: 1281
EWL_C/src/string.c Line: 1288
EWL_C/src/string.c Line: 1302
EWL_C/src/string.c Line: 1310
EWL_C/src/string.c Line: 1316
EWL_C/src/string.c Line: 1331
EWL_C/src/string.c Line: 1339
EWL_C/src/string.c Line: 1346
EWL_C/src/string.c Line: 1361
EWL_C/src/string.c Line: 1369
EWL_C/src/string.c Line: 1377
EWL_C/src/string.c Line: 1383
EWL_C/src/string.c Line: 1409
EWL_C/src/string.c Line: 1429
EWL_C/src/strtold.c Line: 357
EWL_C/src/strtold.c Line: 405
EWL_C/src/strtold.c Line: 740
EWL_C/src/strtold.c Line: 750
EWL_C/src/strtold.c Line: 754
EWL_C/src/strtold.c Line: 757
EWL_C/src/strtold.c Line: 804
EWL_C/src/strtold.c Line: 837
EWL_C/src/strtold.c Line: 902



Kinetis

General Exceptions

EWL_C/src/strtold.c Line: 949
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 79
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 82
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 105
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 111
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 118
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 127
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 139
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 69
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 73
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 76
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 80
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 84
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 88
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 89
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 110
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 119
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 130
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 153
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 156
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 81
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 86
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 114
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 117
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 120
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 128
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 137
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 140
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 143
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 146
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 153
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 156

EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 159
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 162
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 170
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 186
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 191
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 194
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 197
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 80
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 96
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 100
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 111
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 114
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 62
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 71
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 74
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 81
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 87
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 99
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 123
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 127
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 139
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 150
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 170
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 184
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 193
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 197
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 71
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 76
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 80
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 155
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 168
EWL_C/src/sun_math/Double_precision/e_hypot.c Line: 73

EWL_C/src/sun_math/Double_precision/e_hypot.c Line: 82
EWL_C/src/sun_math/Double_precision/e_hypot.c Line: 93
EWL_C/src/sun_math/Double_precision/e_hypot.c Line: 130
EWL_C/src/sun_math/Double_precision/e_hypot.c Line: 133
EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 175
EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 252
EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 256
EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 262
EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 265
EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 271
EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 277
EWL_C/src/sun_math/Double_precision/e_log.c Line: 112
EWL_C/src/sun_math/Double_precision/e_log.c Line: 134
EWL_C/src/sun_math/Double_precision/e_log.c Line: 141
EWL_C/src/sun_math/Double_precision/e_log.c Line: 157
EWL_C/src/sun_math/Double_precision/e_log.c Line: 161
EWL_C/src/sun_math/Double_precision/e_log.c Line: 167
EWL_C/src/sun_math/Double_precision/e_log.c Line: 171
EWL_C/src/sun_math/Double_precision/e_log.c Line: 189
EWL_C/src/sun_math/Double_precision/e_log.c Line: 192
EWL_C/src/sun_math/Double_precision/e_log.c Line: 197
EWL_C/src/sun_math/Double_precision/e_log.c Line: 200
EWL_C/src/sun_math/Double_precision/e_log10.c Line: 94
EWL_C/src/sun_math/Double_precision/e_log10.c Line: 116
EWL_C/src/sun_math/Double_precision/e_log10.c Line: 123
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 117
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 123
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 161
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 181
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 213
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 216
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 219

EWL_C/src/sun_math/Double_precision/e_pow.c Line: 226
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 229
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 234
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 239
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 258
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 286
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 294
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 298
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 304
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 308
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 387
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 391
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 398
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 402
 EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 101
 EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 115
 EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 127
 EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 167
 EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 170
 EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 179
 EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 200
 EWL_C/src/sun_math/Double_precision/e_remainder.c Line: 68
 EWL_C/src/sun_math/Double_precision/e_remainder.c Line: 74
 EWL_C/src/sun_math/Double_precision/e_remainder.c Line: 81
 EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 59
 EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 69
 EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 75
 EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 78
 EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 84
 EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 95
 EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 135
 EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 143

EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 163
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 16
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 20
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 26
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 30
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 38
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 42
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 48
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 52
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 61
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 65
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 71
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 75
EWL_C/src/sun_math/Double_precision/k_cos.c Line: 78
EWL_C/src/sun_math/Double_precision/k_cos.c Line: 85
EWL_C/src/sun_math/Double_precision/k_cos.c Line: 96
EWL_C/src/sun_math/Double_precision/k_sin.c Line: 70
EWL_C/src/sun_math/Double_precision/k_sin.c Line: 77
EWL_C/src/sun_math/Double_precision/k_sin.c Line: 81
EWL_C/src/sun_math/Double_precision/k_tan.c Line: 91
EWL_C/src/sun_math/Double_precision/k_tan.c Line: 94
EWL_C/src/sun_math/Double_precision/k_tan.c Line: 120
EWL_C/src/sun_math/Double_precision/k_tan.c Line: 124
EWL_C/src/sun_math/Double_precision/k_tan.c Line: 136
EWL_C/src/sun_math/Double_precision/s_asinh.c Line: 52
EWL_C/src/sun_math/Double_precision/s_asinh.c Line: 57
EWL_C/src/sun_math/Double_precision/s_asinh.c Line: 72
EWL_C/src/sun_math/Double_precision/s_asinh.c Line: 75
EWL_C/src/sun_math/Double_precision/s_atan.c Line: 100
EWL_C/src/sun_math/Double_precision/s_atan.c Line: 104
EWL_C/src/sun_math/Double_precision/s_atan.c Line: 107
EWL_C/src/sun_math/Double_precision/s_atan.c Line: 113

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EWL_C/src/sun_math/Double_precision/s_atan.c Line: 141
EWL_C/src/sun_math/Double_precision/s_atan.c Line: 145
EWL_C/src/sun_math/Double_precision/s_cbrt.c Line: 57
EWL_C/src/sun_math/Double_precision/s_cbrt.c Line: 61
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 58
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 73
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 77
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 83
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 66
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 71
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 82
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 85
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 92
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 95
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 102
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 105
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 112
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 115
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 210
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 213
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 221
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 224
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 231
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 239
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 242
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 248
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 251
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 273
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 276
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 298
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 301
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 308

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Kinetis

General Exceptions

EWL_C/src/sun_math/Double_precision/s_erf.c Line: 316
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 321
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 331
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 335
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 349
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 362
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 365
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 376
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 379
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 157
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 160
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 172
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 185
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 211
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 225
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 231
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 236
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 239
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 247
EWL_C/src/sun_math/Double_precision/s_floor.c Line: 59
EWL_C/src/sun_math/Double_precision/s_floor.c Line: 69
EWL_C/src/sun_math/Double_precision/s_floor.c Line: 72
EWL_C/src/sun_math/Double_precision/s_floor.c Line: 78
EWL_C/src/sun_math/Double_precision/s_frexp.c Line: 48
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 54
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 64
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 68
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 84
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 100
EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 31
EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 42
EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 50



EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 55
EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 60
EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 65
EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 70
EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 73
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 132
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 147
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 154
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 157
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 166
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 198
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 202
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 208
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 211
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 219
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 222
EWL_C/src/sun_math/Double_precision/s_logb.c Line: 48
EWL_C/src/sun_math/Double_precision/s_logb.c Line: 52
EWL_C/src/sun_math/Double_precision/s_logb.c Line: 56
EWL_C/src/sun_math/Double_precision/s_logb.c Line: 60
EWL_C/src/sun_math/Double_precision/s_matherr.c Line: 29
EWL_C/src/sun_math/Double_precision/s_modf.c Line: 55
EWL_C/src/sun_math/Double_precision/s_modf.c Line: 63
EWL_C/src/sun_math/Double_precision/s_modf.c Line: 69
EWL_C/src/sun_math/Double_precision/s_modf.c Line: 78
EWL_C/src/sun_math/Double_precision/s_modf.c Line: 86
EWL_C/src/sun_math/Double_precision/s_modf.c Line: 92
EWL_C/src/sun_math/Double_precision/s_nextafter.c Line: 47
EWL_C/src/sun_math/Double_precision/s_nextafter.c Line: 51
EWL_C/src/sun_math/Double_precision/s_nextafter.c Line: 59
EWL_C/src/sun_math/Double_precision/s_nextafter.c Line: 62
EWL_C/src/sun_math/Double_precision/s_nextafter.c Line: 88

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EWL_C/src/sun_math/Double_precision/s_nextafter.c Line: 96
 EWL_C/src/sun_math/Double_precision/s_rint.c Line: 63
 EWL_C/src/sun_math/Double_precision/s_rint.c Line: 76
 EWL_C/src/sun_math/Double_precision/s_rint.c Line: 81
 EWL_C/src/sun_math/Double_precision/s_rint.c Line: 96
 EWL_C/src/sun_math/Double_precision/s_rint.c Line: 100
 EWL_C/src/sun_math/Double_precision/s_rint.c Line: 106
 EWL_C/src/sun_math/Double_precision/s_sin.c Line: 64
 EWL_C/src/sun_math/Double_precision/s_sin.c Line: 69
 EWL_C/src/sun_math/Double_precision/s_sin.c Line: 80
 EWL_C/src/sun_math/Double_precision/s_sin.c Line: 83
 EWL_C/src/sun_math/Double_precision/s_sin.c Line: 90
 EWL_C/src/sun_math/Double_precision/s_sin.c Line: 93
 EWL_C/src/sun_math/Double_precision/s_sin.c Line: 100
 EWL_C/src/sun_math/Double_precision/s_sin.c Line: 103
 EWL_C/src/sun_math/Double_precision/s_sin.c Line: 110
 EWL_C/src/sun_math/Double_precision/s_sin.c Line: 113
 EWL_C/src/sun_math/Double_precision/s_tan.c Line: 64
 EWL_C/src/sun_math/Double_precision/s_tan.c Line: 69
 EWL_C/src/sun_math/Double_precision/s_tan.c Line: 76
 EWL_C/src/sun_math/Double_precision/s_tanh.c Line: 64
 EWL_C/src/sun_math/Double_precision/s_tanh.c Line: 67
 EWL_C/src/sun_math/Double_precision/s_tanh.c Line: 75
 EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 69
 EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 72
 EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 94
 EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 99
 EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 106
 EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 115
 EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 129
 EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 71
 EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 75



EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 78
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 82
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 86
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 90
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 75
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 97
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 106
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 117
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 142
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 145
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 65
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 69
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 96
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 99
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 102
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 109
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 118
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 121
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 124
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 127
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 134
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 137
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 140
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 143
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 151
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 167
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 175
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 178
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 181
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 80
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 102
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 106



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EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 117
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 120
EWL_C/src/sun_math/Single_precision/e_coshf.c Line: 55
EWL_C/src/sun_math/Single_precision/e_coshf.c Line: 64
EWL_C/src/sun_math/Single_precision/e_coshf.c Line: 67
EWL_C/src/sun_math/Single_precision/e_coshf.c Line: 74
EWL_C/src/sun_math/Single_precision/e_coshf.c Line: 80
EWL_C/src/sun_math/Single_precision/e_coshf.c Line: 88
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 77
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 81
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 92
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 103
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 123
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 136
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 147
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 153
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 81
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 85
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 89
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 134
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 147
EWL_C/src/sun_math/Single_precision/e_hypotf.c Line: 57
EWL_C/src/sun_math/Single_precision/e_hypotf.c Line: 70
EWL_C/src/sun_math/Single_precision/e_hypotf.c Line: 81
EWL_C/src/sun_math/Single_precision/e_hypotf.c Line: 118
EWL_C/src/sun_math/Single_precision/e_hypotf.c Line: 121
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:126
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:205
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:210
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:216
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:219
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:226



EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:233
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 79
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 102
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 105
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 113
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 78
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 101
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 104
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 112
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 128
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 132
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 138
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 142
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 160
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 163
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 168
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 171
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 88
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 94
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 132
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 152
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 176
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 179
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 182
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 188
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 191
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 196
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 201
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 220
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 248
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 251
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 263



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EWL_C/src/sun_math/Single_precision/e_powf.c Line: 267
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 343
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 347
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 351
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 355
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:127
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:129
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:144
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:157
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:201
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:204
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:213
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:233
EWL_C/src/sun_math/Single_precision/e_remainderf.c Line:72
EWL_C/src/sun_math/Single_precision/e_remainderf.c Line:77
EWL_C/src/sun_math/Single_precision/e_remainderf.c Line:83
EWL_C/src/sun_math/Single_precision/e_sinhf.c Line: 55
EWL_C/src/sun_math/Single_precision/e_sinhf.c Line: 65
EWL_C/src/sun_math/Single_precision/e_sinhf.c Line: 71
EWL_C/src/sun_math/Single_precision/e_sinhf.c Line: 74
EWL_C/src/sun_math/Single_precision/e_sinhf.c Line: 80
EWL_C/src/sun_math/Single_precision/e_sinhf.c Line: 88
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 59
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 66
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 89
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 92
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 17
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 21
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 27
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 31
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 37
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 41



EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 46
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 50
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 60
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 64
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 70
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 74
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 80
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 84
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 89
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 93
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line:101
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line:105
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line:111
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line:115
EWL_C/src/sun_math/Single_precision/k_cosf.c Line: 58
EWL_C/src/sun_math/Single_precision/k_cosf.c Line: 65
EWL_C/src/sun_math/Single_precision/k_cosf.c Line: 75
EWL_C/src/sun_math/Single_precision/k_sinf.c Line: 58
EWL_C/src/sun_math/Single_precision/k_sinf.c Line: 66
EWL_C/src/sun_math/Single_precision/k_sinf.c Line: 70
EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 72
EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 75
EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 101
EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 105
EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 122
EWL_C/src/sun_math/Single_precision/s_asinhf.c Line: 56
EWL_C/src/sun_math/Single_precision/s_asinhf.c Line: 61
EWL_C/src/sun_math/Single_precision/s_asinhf.c Line: 76
EWL_C/src/sun_math/Single_precision/s_asinhf.c Line: 79
EWL_C/src/sun_math/Single_precision/s_atanf.c Line: 95
EWL_C/src/sun_math/Single_precision/s_atanf.c Line: 99
EWL_C/src/sun_math/Single_precision/s_atanf.c Line: 102

EWL_C/src/sun_math/Single_precision/s_atanf.c Line: 108
EWL_C/src/sun_math/Single_precision/s_atanf.c Line: 136
EWL_C/src/sun_math/Single_precision/s_atanf.c Line: 140
EWL_C/src/sun_math/Single_precision/s_cbrtf.c Line: 73
EWL_C/src/sun_math/Single_precision/s_cbrtf.c Line: 77
EWL_C/src/sun_math/Single_precision/s_ceilf.c Line: 61
EWL_C/src/sun_math/Single_precision/s_ceilf.c Line: 75
EWL_C/src/sun_math/Single_precision/s_ceilf.c Line: 79
EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 48
EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 53
EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 65
EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 68
EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 76
EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 79
EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 87
EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 90
EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 98
EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 101
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 130
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 138
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 141
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 148
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 156
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 159
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 165
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 168
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 190
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 193
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 214
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 220
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 228
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 233



EWL_C/src/sun_math/Single_precision/s_erfff.c Line: 243
EWL_C/src/sun_math/Single_precision/s_erfff.c Line: 247
EWL_C/src/sun_math/Single_precision/s_erfff.c Line: 261
EWL_C/src/sun_math/Single_precision/s_erfff.c Line: 274
EWL_C/src/sun_math/Single_precision/s_erfff.c Line: 277
EWL_C/src/sun_math/Single_precision/s_erfff.c Line: 288
EWL_C/src/sun_math/Single_precision/s_erfff.c Line: 291
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 80
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 84
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 95
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 108
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 134
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 148
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 154
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 159
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 162
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 173
EWL_C/src/sun_math/Single_precision/s_floorf.c Line: 71
EWL_C/src/sun_math/Single_precision/s_floorf.c Line: 81
EWL_C/src/sun_math/Single_precision/s_floorf.c Line: 84
EWL_C/src/sun_math/Single_precision/s_frexp.c Line: 52
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 62
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 70
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 74
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 90
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 106
EWL_C/src/sun_math/Single_precision/s_ldexp.c Line: 39
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 88
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 103
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 110
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 113
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 122



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EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 155
EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 159
EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 165
EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 168
EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 176
EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 179
EWL_C/src/sun_math/Single_precision/s_logbf.c Line: 58
EWL_C/src/sun_math/Single_precision/s_logbf.c Line: 62
EWL_C/src/sun_math/Single_precision/s_logbf.c Line: 66
EWL_C/src/sun_math/Single_precision/s_logbf.c Line: 70
EWL_C/src/sun_math/Single_precision/s_modff.c Line: 53
EWL_C/src/sun_math/Single_precision/s_modff.c Line: 62
EWL_C/src/sun_math/Single_precision/s_modff.c Line: 66
EWL_C/src/sun_math/Single_precision/s_modff.c Line: 75
EWL_C/src/sun_math/Single_precision/s_nextafterf.c Line:51
EWL_C/src/sun_math/Single_precision/s_nextafterf.c Line:55
EWL_C/src/sun_math/Single_precision/s_nextafterf.c Line:62
EWL_C/src/sun_math/Single_precision/s_nextafterf.c Line:65
EWL_C/src/sun_math/Single_precision/s_nextafterf.c Line:85
EWL_C/src/sun_math/Single_precision/s_nextafterf.c Line:92
EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 61
EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 74
EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 79
EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 90
EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 94
EWL_C/src/sun_math/Single_precision/s_scalbnf.c Line: 54
EWL_C/src/sun_math/Single_precision/s_scalbnf.c Line: 61
EWL_C/src/sun_math/Single_precision/s_scalbnf.c Line: 66
EWL_C/src/sun_math/Single_precision/s_scalbnf.c Line: 71
EWL_C/src/sun_math/Single_precision/s_scalbnf.c Line: 77
EWL_C/src/sun_math/Single_precision/s_scalbnf.c Line: 82
EWL_C/src/sun_math/Single_precision/s_scalbnf.c Line: 85



EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 49
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 53
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 65
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 68
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 76
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 79
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 87
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 90
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 98
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 101
EWL_C/src/sun_math/Single_precision/s_tanf.c Line: 48
EWL_C/src/sun_math/Single_precision/s_tanf.c Line: 53
EWL_C/src/sun_math/Single_precision/s_tanf.c Line: 60
EWL_C/src/sun_math/Single_precision/s_tanhf.c Line: 55
EWL_C/src/sun_math/Single_precision/s_tanhf.c Line: 58
EWL_C/src/sun_math/Single_precision/s_tanhf.c Line: 66
EWL_C/src/sun_math/ansi_fp.c Line: 163
EWL_C/src/sun_math/ansi_fp.c Line: 167
EWL_C/src/sun_math/ansi_fp.c Line: 175
EWL_C/src/sun_math/ansi_fp.c Line: 182
EWL_C/src/sun_math/ansi_fp.c Line: 224
EWL_C/src/sun_math/ansi_fp.c Line: 230
EWL_C/src/sun_math/ansi_fp.c Line: 328
EWL_C/src/sun_math/ansi_fp.c Line: 357
EWL_C/src/sun_math/ansi_fp.c Line: 373
EWL_C/src/sun_math/ansi_fp.c Line: 400
EWL_C/src/sun_math/ansi_fp.c Line: 404
EWL_C/src/sun_math/ansi_fp.c Line: 408
EWL_C/src/sun_math/ansi_fp.c Line: 412
EWL_C/src/sun_math/ansi_fp.c Line: 416
EWL_C/src/sun_math/ansi_fp.c Line: 420
EWL_C/src/sun_math/ansi_fp.c Line: 424



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General Exceptions

EWL_C/src/sun_math/ansi_fp.c Line: 428
EWL_C/src/sun_math/ansi_fp.c Line: 432
EWL_C/src/sun_math/ansi_fp.c Line: 436
EWL_C/src/sun_math/ansi_fp.c Line: 440
EWL_C/src/sun_math/ansi_fp.c Line: 445
EWL_C/src/sun_math/ansi_fp.c Line: 449
EWL_C/src/sun_math/ansi_fp.c Line: 453
EWL_C/src/sun_math/ansi_fp.c Line: 458
EWL_C/src/sun_math/ansi_fp.c Line: 462
EWL_C/src/sun_math/ansi_fp.c Line: 466
EWL_C/src/sun_math/ansi_fp.c Line: 470
EWL_C/src/sun_math/ansi_fp.c Line: 474
EWL_C/src/sun_math/ansi_fp.c Line: 478
EWL_C/src/sun_math/ansi_fp.c Line: 482
EWL_C/src/sun_math/ansi_fp.c Line: 513
EWL_C/src/sun_math/ansi_fp.c Line: 516
EWL_C/src/sun_math/ansi_fp.c Line: 521
EWL_C/src/sun_math/ansi_fp.c Line: 524
EWL_C/src/sun_math/ansi_fp.c Line: 536
EWL_C/src/sun_math/ansi_fp.c Line: 545
EWL_C/src/sun_math/ansi_fp.c Line: 549
EWL_C/src/sun_math/ansi_fp.c Line: 564
EWL_C/src/sun_math/ansi_fp.c Line: 567
EWL_C/src/sun_math/ansi_fp.c Line: 571
EWL_C/src/sun_math/ansi_fp.c Line: 583
EWL_C/src/sun_math/ansi_fp.c Line: 587
EWL_C/src/sun_math/ansi_fp.c Line: 594
EWL_C/src/sun_math/ansi_fp.c Line: 599
EWL_C/src/sun_math/ansi_fp.c Line: 603
EWL_C/src/sun_math/ansi_fp.c Line: 606
EWL_C/src/sun_math/ansi_fp.c Line: 623
EWL_C/src/sun_math/ansi_fp.c Line: 745

EWL_C/src/sun_math/ansi_fp.c Line: 754
EWL_C/src/sun_math/ansi_fp.c Line: 781
EWL_C/src/sun_math/ansi_fp.c Line: 806
EWL_C/src/sun_math/ansi_fp.c Line: 812
EWL_C/src/sun_math/ansi_fp.c Line: 815
EWL_C/src/sun_math/ansi_fp.c Line: 924
EWL_C/src/sun_math/ansi_fp.c Line: 953
EWL_C/src/sun_math/ansi_fp.c Line: 1059
EWL_C/src/sun_math/ansi_fp.c Line: 1125
EWL_C/src/sun_math/ansi_fp.c Line: 1132
EWL_C/src/sun_math/ansi_fp.c Line: 1308
EWL_C/src/sun_math/ansi_fp.c Line: 1313
EWL_C/src/sun_math/ansi_fp.c Line: 1319
EWL_C/src/sun_math/ansi_fp.c Line: 1322
EWL_C/src/sun_math/ansi_fp.c Line: 1402
EWL_C/src/sun_math/ansi_fp.c Line: 1405
EWL_C/src/sun_math/math_sun.c Line: 114
EWL_C/src/sun_math/math_sun.c Line: 130
EWL_C/src/sun_math/math_sun.c Line: 173
EWL_C/src/sun_math/math_sun.c Line: 189
EWL_C/src/sun_math/math_sun.c Line: 232
EWL_C/src/sun_math/math_sun.c Line: 248
EWL_C/src/sun_math/math_sun.c Line: 294
EWL_C/src/sun_math/math_sun.c Line: 310
EWL_C/src/sun_math/math_sun.c Line: 384
EWL_C/src/sun_math/math_sun.c Line: 400
EWL_C/src/sun_math/math_sun.c Line: 473
EWL_C/src/sun_math/math_sun.c Line: 489
EWL_C/src/sun_math/math_sun.c Line: 560
EWL_C/src/sun_math/math_sun.c Line: 576
EWL_C/src/sun_math/math_sun.c Line: 618
EWL_C/src/sun_math/math_sun.c Line: 634



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General Exceptions

EWL_C/src/sun_math/math_sun.c Line: 677
EWL_C/src/sun_math/math_sun.c Line: 693
EWL_C/src/sun_math/math_sun.c Line: 733
EWL_C/src/sun_math/math_sun.c Line: 787
EWL_C/src/sun_math/math_sun.c Line: 842
EWL_C/src/sun_math/math_sun.c Line: 1002
EWL_C/src/sun_math/math_sun.c Line: 1030
EWL_C/src/sun_math/math_sun.c Line: 1057
EWL_C/src/sun_math/math_sun.c Line: 1107
EWL_C/src/sun_math/math_sun.c Line: 1110
EWL_C/src/sun_math/math_sun.c Line: 1134
EWL_C/src/sun_math/math_sun.c Line: 1137
EWL_C/src/sun_math/math_sun.c Line: 1162
EWL_C/src/sun_math/math_sun.c Line: 1165
EWL_C/src/sys/uart_console_io.c Line: 75
EWL_C/src/sys/uart_console_io.c Line: 147
EWL_C/src/sys/uart_console_io.c Line: 153
EWL_C/src/time.c Line: 179
EWL_C/src/time.c Line: 256
EWL_C/src/time.c Line: 342
EWL_C/src/time.c Line: 422
EWL_C/src/time.c Line: 430
EWL_C/src/time.c Line: 468
EWL_C/src/time.c Line: 541
EWL_C/src/time.c Line: 558
EWL_C/src/time.c Line: 566
EWL_C/src/time.c Line: 583
EWL_C/src/time.c Line: 591
EWL_C/src/time.c Line: 612
EWL_C/src/time.c Line: 620
EWL_C/src/time.c Line: 636
EWL_C/src/time.c Line: 644

EWL_C/src/time.c Line: 665
EWL_C/src/time.c Line: 693
EWL_C/src/time.c Line: 809
EWL_C/src/time.c Line: 838
EWL_C/src/time.c Line: 852
EWL_C/src/time.c Line: 1124
EWL_C/src/time.c Line: 1135
EWL_C/src/wchar_io.c Line: 62
EWL_C/src/wchar_io.c Line: 68
EWL_C/src/wchar_io.c Line: 84
EWL_C/src/wchar_io.c Line: 91
EWL_C/src/wchar_io.c Line: 162
EWL_C/src/wchar_io.c Line: 166
EWL_C/src/wchar_io.c Line: 171
EWL_C/src/wchar_io.c Line: 204
EWL_C/src/wchar_io.c Line: 210
EWL_C/src/wchar_io.c Line: 269
EWL_C/src/wchar_io.c Line: 274
EWL_C/src/wchar_io.c Line: 317
EWL_C/src/wchar_io.c Line: 373
EWL_C/src/wchar_io.c Line: 378
EWL_C/src/wchar_io.c Line: 424
EWL_C/src/wcstold.c Line: 326
EWL_C/src/wcstold.c Line: 367
EWL_C/src/wcstold.c Line: 724
EWL_C/src/wcstold.c Line: 729
EWL_C/src/wcstold.c Line: 732
EWL_C/src/wcstold.c Line: 758
EWL_C/src/wcstold.c Line: 841
EWL_C/src/wcstold.c Line: 891
EWL_C/src/wctrans.c Line: 45
EWL_C/src/wctrans.c Line: 48



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General Exceptions

EWL_C/src/wctrans.c Line: 59
EWL_C/src/wctype.c Line: 290
EWL_C/src/wctype.c Line: 294
EWL_C/src/wctype.c Line: 298
EWL_C/src/wctype.c Line: 302
EWL_C/src/wctype.c Line: 306
EWL_C/src/wctype.c Line: 310
EWL_C/src/wctype.c Line: 314
EWL_C/src/wctype.c Line: 318
EWL_C/src/wctype.c Line: 322
EWL_C/src/wctype.c Line: 326
EWL_C/src/wctype.c Line: 330
EWL_C/src/wmem.c Line: 43
EWL_C/src/wmem.c Line: 50
EWL_C/src/wmem.c Line: 67
EWL_C/src/wmem.c Line: 74
EWL_C/src/wmem.c Line: 99
EWL_C/src/wprintf.c Line: 190
EWL_C/src/wprintf.c Line: 262
EWL_C/src/wprintf.c Line: 530
EWL_C/src/wprintf.c Line: 604
EWL_C/src/wprintf.c Line: 647
EWL_C/src/wprintf.c Line: 721
EWL_C/src/wprintf.c Line: 795
EWL_C/src/wprintf.c Line: 835
EWL_C/src/wprintf.c Line: 893
EWL_C/src/wprintf.c Line: 967
EWL_C/src/wprintf.c Line: 996
EWL_C/src/wprintf.c Line: 1020
EWL_C/src/wprintf.c Line: 1045
EWL_C/src/wprintf.c Line: 1216
EWL_C/src/wprintf.c Line: 1266

EWL_C/src/wprintf.c Line: 1289
EWL_C/src/wprintf.c Line: 1363
EWL_C/src/wprintf.c Line: 1417
EWL_C/src/wprintf.c Line: 1515
EWL_C/src/wprintf.c Line: 1527
EWL_C/src/wprintf.c Line: 1715
EWL_C/src/wprintf.c Line: 1740
EWL_C/src/wprintf.c Line: 1774
EWL_C/src/wprintf.c Line: 1826
EWL_C/src/wprintf.c Line: 1830
EWL_C/src/wprintf.c Line: 1841
EWL_C/src/wprintf.c Line: 1850
EWL_C/src/wprintf.c Line: 1854
EWL_C/src/wprintf.c Line: 1863
EWL_C/src/wprintf.c Line: 1872
EWL_C/src/wprintf.c Line: 1880
EWL_C/src/wprintf.c Line: 1940
EWL_C/src/wprintf.c Line: 1969
EWL_C/src/wprintf.c Line: 1974
EWL_C/src/wprintf.c Line: 2027
EWL_C/src/wprintf.c Line: 2067
EWL_C/src/wprintf.c Line: 2072
EWL_C/src/wprintf.c Line: 2127
EWL_C/src/wprintf.c Line: 2142
EWL_C/src/wprintf.c Line: 2146
EWL_C/src/wprintf.c Line: 2181
EWL_C/src/wprintf.c Line: 2207
EWL_C/src/wprintf.c Line: 2211
EWL_C/src/wprintf.c Line: 2340
EWL_C/src/wprintf.c Line: 2361
EWL_C/src/wprintfformat.c Line: 191
EWL_C/src/wprintfformat.c Line: 274



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General Exceptions

EWL_C/src/wprintfmat.c Line: 577
EWL_C/src/wprintfmat.c Line: 670
EWL_C/src/wprintfmat.c Line: 720
EWL_C/src/wprintfmat.c Line: 808
EWL_C/src/wprintfmat.c Line: 890
EWL_C/src/wprintfmat.c Line: 933
EWL_C/src/wprintfmat.c Line: 999
EWL_C/src/wprintfmat.c Line: 1082
EWL_C/src/wprintfmat.c Line: 1122
EWL_C/src/wprintfmat.c Line: 1154
EWL_C/src/wprintfmat.c Line: 1186
EWL_C/src/wprintfmat.c Line: 1386
EWL_C/src/wprintfmat.c Line: 1392
EWL_C/src/wprintfmat.c Line: 1447
EWL_C/src/wprintfmat.c Line: 1455
EWL_C/src/wprintfmat.c Line: 1484
EWL_C/src/wprintfmat.c Line: 1545
EWL_C/src/wprintfmat.c Line: 1577
EWL_C/src/wprintfmat.c Line: 1663
EWL_C/src/wprintfmat.c Line: 1729
EWL_C/src/wprintfmat.c Line: 1838
EWL_C/src/wprintfmat.c Line: 1852
EWL_C/src/wprintfmat.c Line: 2066
EWL_C/src/wprintfmat.c Line: 2101
EWL_C/src/wprintfmat.c Line: 2145
EWL_C/src/wprintfmat.c Line: 2202
EWL_C/src/wprintfmat.c Line: 2206
EWL_C/src/wprintfmat.c Line: 2220
EWL_C/src/wprintfmat.c Line: 2232
EWL_C/src/wprintfmat.c Line: 2237
EWL_C/src/wprintfmat.c Line: 2248
EWL_C/src/wprintfmat.c Line: 2259

EWL_C/src/wprintf.c Line: 2271
EWL_C/src/wscanf.c Line: 133
EWL_C/src/wscanf.c Line: 154
EWL_C/src/wscanf.c Line: 942
EWL_C/src/wscanf.c Line: 957
EWL_C/src/wscanf.c Line: 960
EWL_C/src/wscanf.c Line: 964
EWL_C/src/wscanf.c Line: 967
EWL_C/src/wscanf.c Line: 971
EWL_C/src/wscanf.c Line: 987
EWL_C/src/wscanf.c Line: 991
EWL_C/src/wscanf.c Line: 1001
EWL_C/src/wscanf.c Line: 1005
EWL_C/src/wscanf.c Line: 1009
EWL_C/src/wscanf.c Line: 1058
EWL_C/src/wscanf.c Line: 1093
EWL_C/src/wscanf.c Line: 1097
EWL_C/src/wscanf.c Line: 1142
EWL_C/src/wscanf.c Line: 1170
EWL_C/src/wscanf.c Line: 1174
EWL_C/src/wscanf.c Line: 1216
EWL_C/src/wscanf.c Line: 1231
EWL_C/src/wscanf.c Line: 1235
EWL_C/src/wscanf.c Line: 1270
EWL_C/src/wscanf.c Line: 1274
EWL_C/src/wscanf.c Line: 1296
EWL_C/src/wscanf.c Line: 1300
EWL_C/src/wscanf.c Line: 1341
EWL_C/src/wscanf.c Line: 1356
EWL_C/src/wstring.c Line: 90
EWL_C/src/wstring.c Line: 137
EWL_C/src/wstring.c Line: 145



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General Exceptions

EWL_C/src/wstring.c Line: 206
EWL_C/src/wstring.c Line: 215
EWL_C/src/wstring.c Line: 221
EWL_C/src/wstring.c Line: 270
EWL_C/src/wstring.c Line: 279
EWL_C/src/wstring.c Line: 286
EWL_C/src/wstring.c Line: 352
EWL_C/src/wstring.c Line: 361
EWL_C/src/wstring.c Line: 370
EWL_C/src/wstring.c Line: 376
EWL_C/src/wstring.c Line: 400
EWL_C/src/wstring.c Line: 414
EWL_C/src/wstring.c Line: 437
EWL_C/src/wstring.c Line: 454
EWL_C/src/wstring.c Line: 478
EWL_C/src/wstring.c Line: 493
EWL_C/src/wstring.c Line: 539
EWL_C/src/wstring.c Line: 560
EWL_C/src/wstring.c Line: 580
EWL_C/src/wstring.c Line: 593
EWL_C/src/wstring.c Line: 614
EWL_C/src/wstring.c Line: 626
EWL_C/src/wstring.c Line: 721
EWL_C/src/wstring.c Line: 738
EWL_C/src/wstring.c Line: 771
EWL_C/src/wstring.c Line: 814
EWL_C/src/wstring.c Line: 828
EWL_C/src/wstring.c Line: 844
EWL_C/src/wstring.c Line: 860
EWL_C/src/wtime.c Line: 45
EWL_C/src/wtime.c Line: 58

MISRA_EXCEPTION_RULE_15_2

This topic lists the MISRA exception rule for fall-through in switch statements.

MISRA 2004 Rule 15.2: fall-through

Used to allow fall-through in switch statements.

```
EWL_C/src/mbstring.c Line: 238
EWL_C/src/mbstring.c Line: 242
EWL_C/src/mbstring.c Line: 246
EWL_C/src/mbstring.c Line: 250
EWL_C/src/mbstring.c Line: 254
EWL_C/src/mbstring.c Line: 298
EWL_C/src/mbstring.c Line: 306
EWL_C/src/mbstring.c Line: 314
EWL_C/src/mbstring.c Line: 322
EWL_C/src/mbstring.c Line: 330
EWL_C/src/printformat.c Line: 604
EWL_C/src/printformat.c Line: 1754
EWL_C/src/printformat.c Line: 1813
EWL_C/src/sc/file_io_StarCore.c Line: 99
EWL_C/src/sc/file_io_StarCore.c Line: 101
EWL_C/src/scanformat.c Line: 1345
EWL_C/src/strtold.c Line: 315
EWL_C/src/wcstold.c Line: 284
EWL_C/src/wprintf.c Line: 434
EWL_C/src/wprintfformat.c Line: 463
EWL_C/src/wprintfformat.c Line: 1706
EWL_C/src/wscanf.c Line: 803
```

MISRA_EXCEPTION_RULE_16_1

This topic lists the MISRA exception rule for variable argument lists.

MISRA 2004 Rule 16.1: Variable arg list

Used to allow variable argument lists, e.g., "int printf(const char* format, ...)";

```

EWL_C/src/printf.c Line: 93
EWL_C/src/printf.c Line: 125
EWL_C/src/printf.c Line: 163
EWL_C/src/printf.c Line: 165
EWL_C/src/printf.c Line: 185
EWL_C/src/printf.c Line: 187
EWL_C/src/printf.c Line: 215
EWL_C/src/printf.c Line: 255
EWL_C/src/printf.c Line: 494
EWL_C/src/printf.c Line: 507
EWL_C/src/printf.c Line: 520
EWL_C/src/printf.c Line: 533
EWL_C/src/scanf.c Line: 131
EWL_C/src/scanf.c Line: 187
EWL_C/src/scanf.c Line: 265
EWL_C/src/scanf.c Line: 302
EWL_C/src/scanf.c Line: 349
EWL_C/src/scanf.c Line: 351
EWL_C/src/scanf.c Line: 368
EWL_C/src/scanf.c Line: 370
EWL_C/src/scanf.c Line: 495
EWL_C/src/scanf.c Line: 508
EWL_C/src/time.c Line: 654
EWL_C/src/wprintf.c Line: 1934
EWL_C/src/wprintf.c Line: 1961
EWL_C/src/wprintf.c Line: 2019
EWL_C/src/wprintf.c Line: 2058
EWL_C/src/wprintf.c Line: 2251
EWL_C/src/wprintf.c Line: 2263
EWL_C/src/wprintf.c Line: 2275

```

EWL_C/src/wscanf.c Line: 1040
EWL_C/src/wscanf.c Line: 1074
EWL_C/src/wscanf.c Line: 1132
EWL_C/src/wscanf.c Line: 1158
EWL_C/src/wscanf.c Line: 1388
EWL_C/src/wscanf.c Line: 1400
EWL_C/src/wtime.c Line: 36

MISRA_EXCEPTION_RULE_16_2

This topic lists the MISRA exception rule for calls through function pointers.

MISRA 2004 Rule 16.2: Functions shall not call themselves, directly or indirectly

Used to allow calls through function pointers.

EWL_C/src/abort_exit.c Line: 95
EWL_C/src/arm/arith_aeabi.c Line: 26
EWL_C/src/arm/errno_aeabi.c Line: 23
EWL_C/src/arm/fenv_arm.c Line: 188
EWL_C/src/arm/float_exceptions.c Line: 103
EWL_C/src/bsearch.c Line: 28
EWL_C/src/buffer_io.c Line: 199
EWL_C/src/file_io.c Line: 175
EWL_C/src/file_pos.c Line: 29
EWL_C/src/mbstring.c Line: 193
EWL_C/src/printformat.c Line: 1894
EWL_C/src/qsort.c Line: 105
EWL_C/src/scanformat.c Line: 537
EWL_C/src/secure_error.c Line: 27
EWL_C/src/signal.c Line: 50
EWL_C/src/strtold.c Line: 256
EWL_C/src/strtoul.c Line: 108
EWL_C/src/sun_math/ansi_fp.c Line: 385

EWL_C/src/time.c Line: 791
EWL_C/src/wcstold.c Line: 229
EWL_C/src/wcstoul.c Line: 117
EWL_C/src/wprintf.c Line: 1475
EWL_C/src/wprintfformat.c Line: 1798
EWL_C/src/wscanf.c Line: 331
EWL_C/src/wtime.c Line: 59

MISRA_EXCEPTION_RULE_16_7

This topic lists the MISRA exception rule to declare pointer parameter as pointing to the const.

MISRA 2004 Rule 16.7: Pointer parameter could be declared as pointing to const

Used when implementing a C std routine which could use const arguments.

EWL_C/src/alloc.c Line: 2458
EWL_C/src/alloc.c Line: 2801
EWL_C/src/alloc.c Line: 2880
EWL_C/src/coldfire/uart_console_io_cf.c Line: 93
EWL_C/src/coldfire/uart_console_io_cf.c Line: 120
EWL_C/src/file_pos.c Line: 118
EWL_C/src/mbstring.c Line: 634
EWL_C/src/mbstring.c Line: 649
EWL_C/src/mbstring.c Line: 683
EWL_C/src/misc_io.c Line: 50
EWL_C/src/misc_io.c Line: 60
EWL_C/src/pa/fenv.ppc.c Line: 427
EWL_C/src/pa/fenv.ppc.c Line: 482
EWL_C/src/printf.c Line: 71
EWL_C/src/printfformat.c Line: 242
EWL_C/src/sc/console_io_StarCore.c Line: 29
EWL_C/src/sc/console_io_StarCore.c Line: 55


```
EWL_C/src/sc/console_io_StarCore.c Line: 80
EWL_C/src/sc/file_io_StarCore.c Line: 167
EWL_C/src/sc/file_io_StarCore.c Line: 198
EWL_C/src/sc/file_io_StarCore.c Line: 227
EWL_C/src/sc/file_io_StarCore.c Line: 312
EWL_C/src/scanf.c Line: 88
EWL_C/src/scanfformat.c Line: 1558
EWL_C/src/secure_error.c Line: 68
EWL_C/src/secure_error.c Line: 76
EWL_C/src/secure_error.c Line: 93
EWL_C/src/sun_math/Double_precision/s_matherr.c Line: 19
EWL_C/src/sys/uart_console_io.c Line: 57
EWL_C/src/sys/uart_console_io.c Line: 127
EWL_C/src/wprintf.c Line: 171
EWL_C/src/wprintfformat.c Line: 171
EWL_C/src/wscanf.c Line: 948
```

MISRA_EXCEPTION_RULE_17_3

This topic lists the MISRA exception rule for the pointer operations.

MISRA 2004 Rule 17.2 and 17.3: Pointer operations

Used when pointer arithmetic is required, e.g. "buffer_len = file->buffer_ptr - file->buffer;"

```
EWL_C/src/alloc.c Line: 200
EWL_C/src/alloc.c Line: 236
EWL_C/src/alloc.c Line: 259
EWL_C/src/alloc.c Line: 3143
EWL_C/src/buffer_io.c Line: 207
EWL_C/src/char_io.c Line: 407
EWL_C/src/direct_io.c Line: 272
EWL_C/src/direct_io.c Line: 287
```



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EWL_C/src/file_pos.c Line: 62
EWL_C/src/printfformat.c Line: 872
EWL_C/src/printfformat.c Line: 1007
EWL_C/src/printfformat.c Line: 1565
EWL_C/src/printfformat.c Line: 1777
EWL_C/src/printfformat.c Line: 1941
EWL_C/src/printfformat.c Line: 2047
EWL_C/src/printfformat.c Line: 2131
EWL_C/src/printfformat.c Line: 2174
EWL_C/src/printfformat.c Line: 2192
EWL_C/src/printfformat.c Line: 2241
EWL_C/src/string.c Line: 708
EWL_C/src/string.c Line: 712
EWL_C/src/string.c Line: 735
EWL_C/src/string.c Line: 740
EWL_C/src/string.c Line: 746
EWL_C/src/string.c Line: 896
EWL_C/src/string.c Line: 918
EWL_C/src/string.c Line: 949
EWL_C/src/string.c Line: 971
EWL_C/src/string.c Line: 1269
EWL_C/src/strtold.c Line: 860
EWL_C/src/sun_math/ansi_fp.c Line: 172
EWL_C/src/sun_math/ansi_fp.c Line: 255
EWL_C/src/sun_math/ansi_fp.c Line: 309
EWL_C/src/sun_math/ansi_fp.c Line: 315
EWL_C/src/sun_math/ansi_fp.c Line: 319
EWL_C/src/sun_math/ansi_fp.c Line: 644
EWL_C/src/sun_math/ansi_fp.c Line: 647
EWL_C/src/sun_math/ansi_fp.c Line: 665
EWL_C/src/sun_math/ansi_fp.c Line: 704
EWL_C/src/sun_math/ansi_fp.c Line: 711

EWL_C/src/sun_math/ansi_fp.c Line: 721
EWL_C/src/sun_math/ansi_fp.c Line: 728
EWL_C/src/sun_math/ansi_fp.c Line: 936
EWL_C/src/sun_math/ansi_fp.c Line: 960
EWL_C/src/sun_math/ansi_fp.c Line: 965
EWL_C/src/time.c Line: 78
EWL_C/src/time.c Line: 828
EWL_C/src/wcstold.c Line: 799
EWL_C/src/wprintf.c Line: 602
EWL_C/src/wprintf.c Line: 719
EWL_C/src/wprintf.c Line: 1361
EWL_C/src/wprintf.c Line: 1521
EWL_C/src/wprintf.c Line: 1596
EWL_C/src/wprintf.c Line: 1659
EWL_C/src/wprintf.c Line: 1684
EWL_C/src/wprintf.c Line: 1702
EWL_C/src/wprintf.c Line: 1730
EWL_C/src/wprintf.c Line: 1755
EWL_C/src/wprintfformat.c Line: 667
EWL_C/src/wprintfformat.c Line: 805
EWL_C/src/wprintfformat.c Line: 1402
EWL_C/src/wprintfformat.c Line: 1660
EWL_C/src/wprintfformat.c Line: 1845
EWL_C/src/wprintfformat.c Line: 1936
EWL_C/src/wprintfformat.c Line: 2006
EWL_C/src/wprintfformat.c Line: 2032
EWL_C/src/wprintfformat.c Line: 2052
EWL_C/src/wprintfformat.c Line: 2086
EWL_C/src/wprintfformat.c Line: 2121
EWL_C/src/wscanf.c Line: 99
EWL_C/src/wstring.c Line: 98
EWL_C/src/wstring.c Line: 650

EWL_C/src/wstring.c Line: 662

EWL_C/src/wstring.c Line: 683

EWL_C/src/wstring.c Line: 696

EWL_C/src/wtime.c Line: 119

MISRA_EXCEPTION_RULE_19_6

This topic lists the MISRA exception rule for the use of *#undef*.

save -e960 MISRA 2004 Rule 19.6: Use of '#undef' is discouraged

Used when *#undef* has to be used to control compilation.

EWL_C/include/ansi_parms.h Line: 456

EWL_C/src/arm/ctype_aeabi.c Line: 11

EWL_C/src/arm/math_ARM.c Line: 13

EWL_C/src/bsearch.c Line: 16

EWL_C/src/mbstring.c Line: 29

EWL_C/src/mem.c Line: 21

EWL_C/src/printf.c Line: 35

EWL_C/src/qsort.c Line: 56

EWL_C/src/scanf.c Line: 23

EWL_C/src/secure_error.c Line: 9

EWL_C/src/string.c Line: 44

EWL_C/src/time.c Line: 30

EWL_C/src/wmem.c Line: 21

EWL_C/src/wprintf.c Line: 29

EWL_C/src/wscanf.c Line: 26

EWL_C/src/wstring.c Line: 38

MISRA_EXCEPTION_RULE_19_7

This topic lists the MISRA exception rule for the function-like macro.

save -e961 MISRA 2004 Rule 19.7: Function-like macro

Used when a function-like macro is defined.

```
EWL_C/src/alloc.c Line: 14
EWL_C/src/alloc.c Line: 63
EWL_C/src/alloc.c Line: 1973
EWL_C/src/alloc.c Line: 2493
EWL_C/src/alloc.c Line: 2559
EWL_C/src/bsearch.c Line: 24
EWL_C/src/buffer_io.c Line: 121
EWL_C/src/coldfire/fenv_cf.c Line: 31
EWL_C/src/mem_funcs.c Line: 72
EWL_C/src/qsort.c Line: 64
EWL_C/src/scanformat.c Line: 140
EWL_C/src/string.c Line: 816
EWL_C/src/strtold.c Line: 232
EWL_C/src/strtoul.c Line: 98
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 19
EWL_C/src/wcstold.c Line: 202
EWL_C/src/wcstoul.c Line: 107
```

MISRA_EXCEPTION_RULE_1_2a

This topic lists the MISRA exception rule to silence *function result not used* warnings.

MISRA 2004 Rule 1.2: Cast from pointer to void

Used to silence "function result not used" warnings.

```
EWL_C/src/alloc.c Line: 2077
EWL_C/src/string.c Line: 1412
EWL_C/src/wprintf.c Line: 980
EWL_C/src/wprintf.c Line: 983
EWL_C/src/wprintf.c Line: 989
EWL_C/src/wprintf.c Line: 992
```



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EWL_C/src/wprintf.c Line: 1004
EWL_C/src/wprintf.c Line: 1007
EWL_C/src/wprintf.c Line: 1013
EWL_C/src/wprintf.c Line: 1016
EWL_C/src/wprintf.c Line: 1029
EWL_C/src/wprintf.c Line: 1032
EWL_C/src/wprintf.c Line: 1038
EWL_C/src/wprintf.c Line: 1041
EWL_C/src/wprintf.c Line: 1250
EWL_C/src/wprintf.c Line: 1253
EWL_C/src/wprintf.c Line: 1259
EWL_C/src/wprintf.c Line: 1262
EWL_C/src/wprintf.c Line: 1273
EWL_C/src/wprintf.c Line: 1276
EWL_C/src/wprintf.c Line: 1282
EWL_C/src/wprintf.c Line: 1285
EWL_C/src/wprintfformat.c Line: 1099
EWL_C/src/wprintfformat.c Line: 1104
EWL_C/src/wprintfformat.c Line: 1113
EWL_C/src/wprintfformat.c Line: 1118
EWL_C/src/wprintfformat.c Line: 1131
EWL_C/src/wprintfformat.c Line: 1136
EWL_C/src/wprintfformat.c Line: 1145
EWL_C/src/wprintfformat.c Line: 1150
EWL_C/src/wprintfformat.c Line: 1163
EWL_C/src/wprintfformat.c Line: 1168
EWL_C/src/wprintfformat.c Line: 1177
EWL_C/src/wprintfformat.c Line: 1182
EWL_C/src/wprintfformat.c Line: 1522
EWL_C/src/wprintfformat.c Line: 1527
EWL_C/src/wprintfformat.c Line: 1536
EWL_C/src/wprintfformat.c Line: 1541

```

EWL_C/src/wprintfmat.c Line: 1554
EWL_C/src/wprintfmat.c Line: 1559
EWL_C/src/wprintfmat.c Line: 1568
EWL_C/src/wprintfmat.c Line: 1573
EWL_C/src/wstring.c Line: 149
EWL_C/src/wstring.c Line: 213
EWL_C/src/wstring.c Line: 225
EWL_C/src/wstring.c Line: 290
EWL_C/src/wstring.c Line: 368
EWL_C/src/wstring.c Line: 380
EWL_C/src/wstring.c Line: 512

```

MISRA_EXCEPTION_RULE_1_2b

This topic lists the MISRA exception rule to generate more efficient copy code.

MISRA 2004 Rule 1.2: Both sides have side effects

Used to generate more efficient copy code, e.g., "if (*p1++ != *p2++)".

```

EWL_C/src/coldfire/fenv_cf.c Line: 154
EWL_C/src/mem.c Line: 255
EWL_C/src/mem.c Line: 272
EWL_C/src/string.c Line: 553
EWL_C/src/string.c Line: 570
EWL_C/src/string.c Line: 1206
EWL_C/src/string.c Line: 1238
EWL_C/src/sun_math/Double_precision/s_asinh.c Line: 68
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 270
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 359
EWL_C/src/sun_math/Single_precision/s_asinhf.c Line: 72
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 187
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 271
EWL_C/src/wstring.c Line: 397

```

EWL_C/src/wstring.c Line: 411

EWL_C/src/wstring.c Line: 435

EWL_C/src/wstring.c Line: 452

EWL_C/src/wstring.c Line: 824

EWL_C/src/wstring.c Line: 856

MISRA_EXCEPTION_RULE_1_2c

This topic lists the MISRA exception rule for unusual pointer cast.

MISRA 2004 Rule 1.2: Unusual pointer cast (incompatible indirect types)

Used in vararg handling or to generate floating point values from bit patterns.

EWL_C/src/arm/file_io_aeabi.c Line: 34

EWL_C/src/arm/file_io_aeabi.c Line: 38

EWL_C/src/arm/file_io_aeabi.c Line: 42

EWL_C/src/arm/math_ARM.c Line: 48

EWL_C/src/math_api.c Line: 112

EWL_C/src/math_api.c Line: 122

EWL_C/src/math_double.c Line: 55

EWL_C/src/math_double.c Line: 58

EWL_C/src/math_double.c Line: 92

EWL_C/src/math_float.c Line: 63

EWL_C/src/math_float.c Line: 200

EWL_C/src/math_float.c Line: 203

EWL_C/src/math_fma.c Line: 485

EWL_C/src/math_fma.c Line: 488

EWL_C/src/math_fma.c Line: 491

EWL_C/src/math_fma.c Line: 779

EWL_C/src/math_fma.c Line: 810

EWL_C/src/math_fma.c Line: 819

EWL_C/src/math_fma.c Line: 850

EWL_C/src/pa/math_ppc.c Line: 151

EWL_C/src/printformat.c Line: 1954
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 92
EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 89
EWL_C/src/sun_math/ansi_fp.c Line: 135
EWL_C/src/sun_math/ansi_fp.c Line: 821
EWL_C/src/sun_math/ansi_fp.c Line: 1001
EWL_C/src/sun_math/ansi_fp.c Line: 1047
EWL_C/src/wprintf.c Line: 1534
EWL_C/src/wprintf.c Line: 1780
EWL_C/src/wprintfformat.c Line: 1858
EWL_C/src/wscanf.c Line: 497
EWL_C/src/wscanf.c Line: 615
EWL_C/src/wscanf.c Line: 679
EWL_C/src/wscanf.c Line: 910

MISRA_EXCEPTION_RULE_1_2d

This topic lists the MISRA exception rule for division by zero.

MISRA 2004 Rule 1.2: Division by zero

Used to generate FP NaN results.

EWL_C/src/coldfire/fenv_cf.c Line: 155
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 101
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:209
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:225
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:232
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 78
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 77
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 87

MISRA_EXCEPTION_RULE_20_11

This topic lists the MISRA exception rule for abort ().

MISRA 2004 Rule 20.11: abort shall not be used

Used when abort() has to be used.

```
EWL_C/src/arm/assert_aeabi.c Line: 50
EWL_C/src/assert.c Line: 53
EWL_C/src/sc/assert_StarCore.c Line: 12
EWL_C/src/sc/signal_StarCore.c Line: 292
EWL_C/src/secure_error.c Line: 65
EWL_C/src/signal.c Line: 79
```

MISRA_EXCEPTION_RULE_20_12

This topic lists the MISRA exception rule for mktime().

MISRA 2004 Rule 20.12: mktime shall not be used

Used when mktime() has to be used.

```
EWL_C/src/time.c Line: 339
EWL_C/src/time.c Line: 485
EWL_C/src/time.c Line: 739
EWL_C/src/time.c Line: 747
EWL_C/src/time.c Line: 772
EWL_C/src/time.c Line: 783
EWL_C/src/time.c Line: 818
EWL_C/src/time.c Line: 903
EWL_C/src/time.c Line: 917
EWL_C/src/time.c Line: 978
EWL_C/src/time.c Line: 989
EWL_C/src/time.c Line: 1003
EWL_C/src/time.c Line: 1037
EWL_C/src/time.c Line: 1047
EWL_C/src/time.c Line: 1072
EWL_C/src/time.c Line: 1080
EWL_C/src/time.c Line: 1082
```

EWL_C/src/time.c Line: 1084

EWL_C/src/wtime.c Line: 93

EWL_C/src/wtime.c Line: 357

MISRA_EXCEPTION_RULE_20_4

This topic lists the MISRA exception rule for `malloc()`.

MISRA 2004 Rule 20.4: malloc shall not be used

Used when `malloc()` has to be used.

EWL_C/src/alloc.c Line: 417

EWL_C/src/alloc.c Line: 437

EWL_C/src/alloc.c Line: 462

EWL_C/src/alloc.c Line: 470

EWL_C/src/ansi_files.c Line: 246

EWL_C/src/ansi_files.c Line: 303

EWL_C/src/buffer_io.c Line: 266

EWL_C/src/buffer_io.c Line: 302

EWL_C/src/file_io.c Line: 200

EWL_C/src/file_io.c Line: 344

EWL_C/src/file_io.c Line: 403

EWL_C/src/file_io.c Line: 659

EWL_C/src/sc/file_io_StarCore.c Line: 139

EWL_C/src/sc/file_io_StarCore.c Line: 301

EWL_C/src/sc/thread_local_data_StarCore.c Line: 118

EWL_C/src/string.c Line: 636

EWL_C/src/string.c Line: 638

EWL_C/src/string.c Line: 645

EWL_C/src/string.c Line: 647

EWL_C/src/string.c Line: 686

EWL_C/src/string.c Line: 692

EWL_C/src/string.c Line: 694

EWL_C/src/string.c Line: 697

EWL_C/src/string.c Line: 752

EWL_C/src/string.c Line: 754

EWL_C/src/string.c Line: 760

MISRA_EXCEPTION_RULE_20_5

This topic lists the MISRA exception rule for errno.

MISRA 2004 Rule 20.5: errno shall not be used

Used when errno has to be used.

EWL_C/src/file_pos.c Line: 50

EWL_C/src/file_pos.c Line: 104

EWL_C/src/file_pos.c Line: 178

EWL_C/src/file_pos.c Line: 187

EWL_C/src/file_pos.c Line: 230

EWL_C/src/file_pos.c Line: 245

EWL_C/src/math_double.c Line: 119

EWL_C/src/math_double.c Line: 243

EWL_C/src/math_double.c Line: 248

EWL_C/src/math_float.c Line: 74

EWL_C/src/math_float.c Line: 84

EWL_C/src/math_float.c Line: 157

EWL_C/src/math_float.c Line: 249

EWL_C/src/math_float.c Line: 310

EWL_C/src/math_float.c Line: 315

EWL_C/src/math_float.c Line: 320

EWL_C/src/math_longdouble.c Line: 53

EWL_C/src/math_longdouble.c Line: 58

EWL_C/src/math_longdouble.c Line: 87

EWL_C/src/math_longdouble.c Line: 113

EWL_C/src/math_longdouble.c Line: 117

EWL_C/src/math_longdouble.c Line: 177

EWL_C/src/math_longdouble.c Line: 182

EWL_C/src/math_longdouble.c Line: 187
EWL_C/src/math_longdouble.c Line: 215
EWL_C/src/math_longdouble.c Line: 222
EWL_C/src/mbstring.c Line: 622
EWL_C/src/misc_io.c Line: 72
EWL_C/src/sc/asin_StarCore.c Line: 105
EWL_C/src/sc/asin_StarCore.c Line: 110
EWL_C/src/sc/asin_StarCore.c Line: 114
EWL_C/src/sc/asin_StarCore.c Line: 130
EWL_C/src/sc/asin_StarCore.c Line: 135
EWL_C/src/sc/asin_StarCore.c Line: 139
EWL_C/src/sc/atan2_StarCore.c Line: 25
EWL_C/src/sc/atan2_StarCore.c Line: 30
EWL_C/src/sc/atan2_StarCore.c Line: 34
EWL_C/src/sc/exp_StarCore.c Line: 32
EWL_C/src/sc/exp_StarCore.c Line: 37
EWL_C/src/sc/exp_StarCore.c Line: 121
EWL_C/src/sc/exp_StarCore.c Line: 125
EWL_C/src/sc/exp_StarCore.c Line: 140
EWL_C/src/sc/exp_StarCore.c Line: 144
EWL_C/src/sc/file_io_StarCore.c Line: 118
EWL_C/src/sc/file_io_StarCore.c Line: 178
EWL_C/src/sc/file_io_StarCore.c Line: 209
EWL_C/src/sc/file_io_StarCore.c Line: 241
EWL_C/src/sc/file_io_StarCore.c Line: 272
EWL_C/src/sc/file_io_StarCore.c Line: 377
EWL_C/src/sc/ldexp_StarCore.c Line: 28
EWL_C/src/sc/ldexp_StarCore.c Line: 32
EWL_C/src/sc/log10_StarCore.c Line: 33
EWL_C/src/sc/log10_StarCore.c Line: 38
EWL_C/src/sc/log10_StarCore.c Line: 59
EWL_C/src/sc/log10_StarCore.c Line: 66



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EWL_C/src/sc/log10_StarCore.c Line: 76
EWL_C/src/sc/log10_StarCore.c Line: 81
EWL_C/src/sc/log_StarCore.c Line: 32
EWL_C/src/sc/log_StarCore.c Line: 37
EWL_C/src/sc/log_StarCore.c Line: 88
EWL_C/src/sc/log_StarCore.c Line: 93
EWL_C/src/sc/log_StarCore.c Line: 97
EWL_C/src/sc/log_StarCore.c Line: 107
EWL_C/src/sc/log_StarCore.c Line: 111
EWL_C/src/sc/math_StarCore.c Line: 53
EWL_C/src/sc/math_StarCore.c Line: 58
EWL_C/src/sc/math_StarCore.c Line: 62
EWL_C/src/sc/math_StarCore.c Line: 160
EWL_C/src/sc/math_StarCore.c Line: 208
EWL_C/src/sc/math_StarCore.c Line: 227
EWL_C/src/sc/math_StarCore.c Line: 275
EWL_C/src/sc/math_StarCore.c Line: 294
EWL_C/src/sc/math_StarCore.c Line: 343
EWL_C/src/sc/pow_StarCore.c Line: 99
EWL_C/src/sc/pow_StarCore.c Line: 104
EWL_C/src/sc/pow_StarCore.c Line: 108
EWL_C/src/sc/pow_StarCore.c Line: 118
EWL_C/src/sc/pow_StarCore.c Line: 123
EWL_C/src/sc/pow_StarCore.c Line: 152
EWL_C/src/sc/pow_StarCore.c Line: 156
EWL_C/src/sc/pow_StarCore.c Line: 172
EWL_C/src/sc/pow_StarCore.c Line: 176
EWL_C/src/sc/pow_StarCore.c Line: 207
EWL_C/src/sc/pow_StarCore.c Line: 211
EWL_C/src/sc/pow_StarCore.c Line: 221
EWL_C/src/sc/pow_StarCore.c Line: 225
EWL_C/src/sc/signal_StarCore.c Line: 122

EWL_C/src/sc/signal_StarCore.c Line: 139
EWL_C/src/sc/signal_StarCore.c Line: 152
EWL_C/src/sc/signal_StarCore.c Line: 214
EWL_C/src/sc/sinh_StarCore.c Line: 60
EWL_C/src/sc/sinh_StarCore.c Line: 64
EWL_C/src/sc/sqrt_StarCore.c Line: 36
EWL_C/src/sc/sqrt_StarCore.c Line: 41
EWL_C/src/sc/sqrt_StarCore.c Line: 45
EWL_C/src/sc/sqrt_StarCore.c Line: 91
EWL_C/src/sc/sqrt_StarCore.c Line: 96
EWL_C/src/sc/sqrt_StarCore.c Line: 100
EWL_C/src/sc/time_StarCore.c Line: 60
EWL_C/src/signal.c Line: 33
EWL_C/src/strtold.c Line: 767
EWL_C/src/strtold.c Line: 772
EWL_C/src/strtold.c Line: 974
EWL_C/src/strtold.c Line: 999
EWL_C/src/strtold.c Line: 1026
EWL_C/src/strtoul.c Line: 273
EWL_C/src/strtoul.c Line: 307
EWL_C/src/strtoul.c Line: 316
EWL_C/src/strtoul.c Line: 352
EWL_C/src/strtoul.c Line: 538
EWL_C/src/strtoul.c Line: 546
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 90
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 95
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 100
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 60
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 65
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 95
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 100
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 105

```

EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 97
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 102
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 68
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 73
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 77
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 88
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 107
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 135
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 146
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 61
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 66
EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 235
EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 239
EWL_C/src/sun_math/Double_precision/e_log.c Line: 108
EWL_C/src/sun_math/Double_precision/e_log.c Line: 120
EWL_C/src/sun_math/Double_precision/e_log.c Line: 125
EWL_C/src/sun_math/Double_precision/e_log.c Line: 130
EWL_C/src/sun_math/Double_precision/e_log10.c Line: 85
EWL_C/src/sun_math/Double_precision/e_log10.c Line: 90
EWL_C/src/sun_math/Double_precision/e_log10.c Line: 102
EWL_C/src/sun_math/Double_precision/e_log10.c Line: 107
EWL_C/src/sun_math/Double_precision/e_log10.c Line: 112
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 136
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 141
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 148
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 153
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 172
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 177
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 272
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 277
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 282
EWL_C/src/sun_math/Double_precision/e_remainder.c Line: 59

```


EWL_C/src/sun_math/Double_precision/e_remainder.c Line: 64
EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 103
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 121
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 131
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 149
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 154
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 159
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 111
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 117
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 128
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 134
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 147
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 153
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 168
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 171
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 186
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 189
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 204
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 207
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 218
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 221
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 236
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 242
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 257
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 263
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 278
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 284
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 299
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 305
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 320
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 326
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 341



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General Exceptions

EWL_C/src/sun_math/Double_precision/k_standard.c Line: 347
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 362
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 365
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 380
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 386
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 401
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 407
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 421
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 427
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 442
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 448
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 463
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 469
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 484
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 505
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 508
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 519
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 522
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 537
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 543
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 558
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 564
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 578
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 581
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 595
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 601
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 615
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 621
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 632
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 638
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 649
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 655



EWL_C/src/sun_math/Double_precision/k_standard.c Line: 666
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 672
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 682
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 688
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 698
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 701
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 712
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 715
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 726
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 733
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 744
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 751
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 762
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 769
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 780
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 787
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 798
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 805
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 816
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 823
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 838
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 841
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 856
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 862
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 877
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 371
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 168
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 181
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 45
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 50
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 75
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 80



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General Exceptions

EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 91
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 96
EWL_C/src/sun_math/Double_precision/s_loglp.c Line: 128
EWL_C/src/sun_math/Double_precision/s_loglp.c Line: 138
EWL_C/src/sun_math/Double_precision/s_loglp.c Line: 143
EWL_C/src/sun_math/Double_precision/s_logb.c Line: 39
EWL_C/src/sun_math/Double_precision/s_logb.c Line: 44
EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 79
EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 84
EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 89
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 62
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 67
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 82
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 87
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 92
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 80
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 85
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 68
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 73
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 77
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 88
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 93
EWL_C/src/sun_math/Single_precision/e_coshf.c Line: 96
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 88
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 99
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 51
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:
188
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:
192
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 69
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 74
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 87

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EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 92
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 97
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 73
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 86
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 91
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 96
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 107
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 112
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 119
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 124
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 143
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 148
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 233
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 238
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 243
EWL_C/src/sun_math/Single_precision/e_remainderf.c Line:
63
EWL_C/src/sun_math/Single_precision/e_remainderf.c Line:
68
EWL_C/src/sun_math/Single_precision/e_sinhf.c Line: 96
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 56
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 74
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 79
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 84
EWL_C/src/sun_math/Single_precision/fmodf.c Line: 38
EWL_C/src/sun_math/Single_precision/fmodf.c Line: 43
EWL_C/src/sun_math/Single_precision/log2f.c Line: 75
EWL_C/src/sun_math/Single_precision/log2f.c Line: 82
EWL_C/src/sun_math/Single_precision/log2f.c Line: 87
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 283
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 91
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 104
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 52

```

EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 57
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 81
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 86
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 97
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 102
EWL_C/src/sun_math/Single_precision/s_ldexpf.c Line: 43
EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 83
EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 94
EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 99
EWL_C/src/sun_math/Single_precision/s_logbf.c Line: 49
EWL_C/src/sun_math/Single_precision/s_logbf.c Line: 54
EWL_C/src/sun_math/math_sun.c Line: 96
EWL_C/src/sun_math/math_sun.c Line: 123
EWL_C/src/sun_math/math_sun.c Line: 127
EWL_C/src/sun_math/math_sun.c Line: 182
EWL_C/src/sun_math/math_sun.c Line: 186
EWL_C/src/sun_math/math_sun.c Line: 241
EWL_C/src/sun_math/math_sun.c Line: 245
EWL_C/src/sun_math/math_sun.c Line: 303
EWL_C/src/sun_math/math_sun.c Line: 307
EWL_C/src/sun_math/math_sun.c Line: 393
EWL_C/src/sun_math/math_sun.c Line: 397
EWL_C/src/sun_math/math_sun.c Line: 482
EWL_C/src/sun_math/math_sun.c Line: 486
EWL_C/src/sun_math/math_sun.c Line: 569
EWL_C/src/sun_math/math_sun.c Line: 573
EWL_C/src/sun_math/math_sun.c Line: 627
EWL_C/src/sun_math/math_sun.c Line: 631
EWL_C/src/sun_math/math_sun.c Line: 686
EWL_C/src/sun_math/math_sun.c Line: 690
EWL_C/src/wcstold.c Line: 914
EWL_C/src/wcstold.c Line: 939

EWL_C/src/wcstold.c Line: 964
EWL_C/src/wcstoul.c Line: 420
EWL_C/src/wcstoul.c Line: 452
EWL_C/src/wcstoul.c Line: 487
EWL_C/src/wcstoul.c Line: 494
EWL_C/src/wcstoul.c Line: 531
EWL_C/src/wcstoul.c Line: 538

MISRA_EXCEPTION_RULE_20_8

This topic lists the MISRA exception rule for `raise()`.

MISRA 2004 Rule 20.8: `raise` shall not be used

Used when `raise()` has to be used.

EWL_C/src/abort_exit.c Line: 34
EWL_C/src/arm/fenv_arm.c Line: 126
EWL_C/src/arm/fenv_arm.c Line: 137
EWL_C/src/arm/fenv_arm.c Line: 148
EWL_C/src/arm/fenv_arm.c Line: 159
EWL_C/src/arm/fenv_arm.c Line: 170
EWL_C/src/arm/float_exceptions.c Line: 91

MISRA_EXCEPTION_RULE_20_9

This topic lists the MISRA exception rule for `<stdio.h>`.

MISRA 2004 Rule 20.9: `<stdio.h>` shall not be used

Used when `<stdio.h>` has to be included.

EWL_C/src/arm/assert_aeabi.c Line: 20
EWL_C/src/assert.c Line: 24
EWL_C/src/math_float.c Line: 34
EWL_C/src/string.c Line: 53
EWL_C/src/strtoul.c Line: 80

EWL_C/src/time.c Line: 40
EWL_C/src/wchar_io.c Line: 43
EWL_C/src/wcstoul.c Line: 88
EWL_C/src/wctype.c Line: 41
EWL_C/src/wprintf.c Line: 42
EWL_C/src/wprintfformat.c Line: 29
EWL_C/src/wscanf.c Line: 38
EWL_C/src/wstring.c Line: 47
EWL_C/src/wtime.c Line: 28

MISRA_EXCEPTION_RULE_9_1

This topic lists the MISRA exception rule for possible uninitialized symbol.

MISRA 2004 Rule 9.1: Possible uninitialized symbol

Used when the symbol usage is consistent with its initialization

EWL_C/src/sun_math/Double_precision/e_exp.c Line: 182
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 191
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 204
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 223
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 322
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line: 96
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:108
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:123
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:220

MISRA_EXCEPTION_STDARG_MACROS

This topic lists the MISRA exception rule for `__va_start` macro.

macro((826) , __va_start) -emacro(923 926 928 970, __va_start)

Used to implement `__va_start`

- * Suspicious pointer-to-pointer conversion
- * MISRA 2004 Rule 11.3: Cast pointer/non-pointer
- * MISRA 2004 Rule 11.4: Cast from pointer to pointer
- * MISRA 2004 Rule 6.3: Use of modifier or type outside of a typedef
 - EWL_C/include/ansi_parms.h Line: 462
 - EWL_C/include/arm/stdarg.ARM.h Line: 16
 - EWL_C/include/coldfire/stdarg.cf.h Line: 20

MISRA_EXCEPTION_STDIO_MACROS

This topic lists the MISRA exception rule for `__getc` and `__putc` macros.

macro(929 960 970, `__getc`, `__putc`)

Used to implement `__getc` and `__putc` macros.

- * MISRA 2004 Rule 11.4: Cast from pointer to pointer
- * MISRA 2004 Rule 10.1: Cast/conversion of complex integer expression
- * MISRA 2004 Rule 6.3: Use of modifier or type outside of a typedef
 - EWL_C/include/ansi_parms.h Line: 459
 - EWL_C/include/stdio_api.h Line: 64

MISRA_EXCEPTION_STD_TYPE

This topic lists the MISRA exception rule for the use of modifier or type outside of a typedef.

MISRA 2004 Rule 6.3: Use of modifier or type outside of a typedef

Used when standard types/qualifiers have to used in headers.

- EWL_C/include/ansi_parms.h Line: 455
- EWL_C/src/wscanf.c Line: 77
- EWL_C/src/wscanf.c Line: 79

MISRA_RESTORE

This topic lists the MISRA exception rule for restore saved options.

restore

Used to restore saved options

EWL_C/include/ansi_parms.h Line: 463
EWL_C/src/alloc.c Line: 17
EWL_C/src/alloc.c Line: 65
EWL_C/src/alloc.c Line: 2025
EWL_C/src/alloc.c Line: 2505
EWL_C/src/alloc.c Line: 2565
EWL_C/src/bsearch.c Line: 18
EWL_C/src/bsearch.c Line: 26
EWL_C/src/buffer_io.c Line: 124
EWL_C/src/coldfire/fenv_cf.c Line: 36
EWL_C/src/mbstring.c Line: 31
EWL_C/src/mem.c Line: 23
EWL_C/src/mem_funcs.c Line: 78
EWL_C/src/printf.c Line: 37
EWL_C/src/qsort.c Line: 58
EWL_C/src/qsort.c Line: 103
EWL_C/src/scanf.c Line: 25
EWL_C/src/scanformat.c Line: 143
EWL_C/src/secure_error.c Line: 11
EWL_C/src/string.c Line: 46
EWL_C/src/string.c Line: 819
EWL_C/src/strtold.c Line: 254
EWL_C/src/strtoul.c Line: 106
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 32
EWL_C/src/time.c Line: 32
EWL_C/src/wcstold.c Line: 226
EWL_C/src/wcstoul.c Line: 115
EWL_C/src/wmem.c Line: 23
EWL_C/src/wprintf.c Line: 31
EWL_C/src/wscanf.c Line: 28

EWL_C/src/wstring.c Line: 40

Files

This file lists the MISRA-C:2004 compliance exceptions for the Freescale EWL C library. The exceptions listed cover all EWL C files and targets. However, we have only fully tested the PA and ARM targets for compliance at this point.

MISRA violations were detected using the PC-Lint 9.00d tool and the `lnt/au-misra2.lnt` checker file. To verify these results you can use the makefiles that are used to build a target's library files:

```
make -C ewl/EWL_C -f -f EWL_C.ARM_CORTEXM.mak misra
PLATFORM=ARM_CORTEXM \
LNTDIR="/cygdrive/d/Lint" \
LNTINCL="-iD:/Lint/lnt" \
misra
```

This should list no MISRA violations or other PC-Lint warnings/errors. EWL uses `EXCEPTION_RULE_*` macros to silence violations, e.g.:

```
#define MISRA_EXCEPTION_RULE_20_5() \
/*lint -e{586} MISRA 2004 Rule 20.5: errno shall not be used
*/
```

The exception macros are defined in the header file `EWL_C/include/ewl_misra_types.h`.

EWL_C/include/ansi_parms.h

```
MISRA_EXCEPTION_CMATH_MACROS Line: 458
MISRA_EXCEPTION_FLOAT_CAST Line: 457
MISRA_EXCEPTION_MATHAPISP_MACROS Line: 461
MISRA_EXCEPTION_MATHAPI_MACROS Line: 460
MISRA_EXCEPTION_RULE_19_6 Line: 456
MISRA_EXCEPTION_STDARG_MACROS Line: 462
MISRA_EXCEPTION_STDIO_MACROS Line: 459
MISRA_EXCEPTION_STD_TYPE Line: 455
MISRA_RESTORE Line: 463
```

EWL_C/include/arm/stdarg.ARM.h

MISRA_EXCEPTION_STDARG_MACROS Line: 16

EWL_C/include/cfloat

MISRA_EXCEPTION_FLOAT_CAST Line: 99
MISRA_EXCEPTION_FLOAT_CAST Line: 100
MISRA_EXCEPTION_FLOAT_CAST Line: 101
MISRA_EXCEPTION_FLOAT_CAST Line: 155
MISRA_EXCEPTION_FLOAT_CAST Line: 156
MISRA_EXCEPTION_FLOAT_CAST Line: 157
MISRA_EXCEPTION_FLOAT_CAST Line: 211
MISRA_EXCEPTION_FLOAT_CAST Line: 212
MISRA_EXCEPTION_FLOAT_CAST Line: 213

EWL_C/include/cmath

MISRA_EXCEPTION_CMATH_MACROS Line: 28
MISRA_EXCEPTION_FLOAT_CAST Line: 106
MISRA_EXCEPTION_FLOAT_CAST Line: 122
MISRA_EXCEPTION_FLOAT_CAST Line: 126
MISRA_EXCEPTION_FLOAT_CAST Line: 151
MISRA_EXCEPTION_FLOAT_CAST Line: 184

EWL_C/include/coldfire/stdarg.cf.h

MISRA_EXCEPTION_STDARG_MACROS Line: 20

EWL_C/include/math_api.h

MISRA_EXCEPTION_MATHAPI_MACROS Line: 26
MISRA_EXCEPTION_MATHAPI_MACROS Line: 42
MISRA_EXCEPTION_MATHAPI_MACROS Line: 48

EWL_C/include/pa/fdlibm_pa.h

MISRA_EXCEPTION_MATHAPISP_MACROS Line: 24

EWL_C/include/stdio_api.h

MISRA_EXCEPTION_STDIO_MACROS Line: 64

EWL_C/include/sun_math/fdlibm.h

MISRA_EXCEPTION_FLOAT_CAST Line: 85

EWL_C/src/abort_exit.c

MISRA_EXCEPTION_RULE_14_7 Line: 82

MISRA_EXCEPTION_RULE_16_2 Line: 95

MISRA_EXCEPTION_RULE_20_8 Line: 34

EWL_C/src/alloc.c

MISRA_ALLOW_POINTER_CASTS Line: 40

MISRA_ALLOW_POINTER_CASTS Line: 490

MISRA_ALLOW_POINTER_CASTS Line: 653

MISRA_ALLOW_POINTER_CASTS Line: 992

MISRA_ALLOW_POINTER_CASTS Line: 1702

MISRA_EXCEPTION_RULE_10_1 Line: 327

MISRA_EXCEPTION_RULE_10_1 Line: 465

MISRA_EXCEPTION_RULE_10_1 Line: 2233

MISRA_EXCEPTION_RULE_10_1 Line: 2235

MISRA_EXCEPTION_RULE_10_1 Line: 2781

MISRA_EXCEPTION_RULE_10_1 Line: 2784

MISRA_EXCEPTION_RULE_10_1 Line: 2788

MISRA_EXCEPTION_RULE_10_1 Line: 2807

MISRA_EXCEPTION_RULE_10_1 Line: 2812

MISRA_EXCEPTION_RULE_10_1 Line: 2849

MISRA_EXCEPTION_RULE_10_1 Line: 2863

MISRA_EXCEPTION_RULE_10_1 Line: 2868
MISRA_EXCEPTION_RULE_10_1 Line: 2885
MISRA_EXCEPTION_RULE_10_1 Line: 2890
MISRA_EXCEPTION_RULE_10_1 Line: 2988
MISRA_EXCEPTION_RULE_11_3 Line: 261
MISRA_EXCEPTION_RULE_11_3 Line: 266
MISRA_EXCEPTION_RULE_11_3 Line: 311
MISRA_EXCEPTION_RULE_11_3 Line: 320
MISRA_EXCEPTION_RULE_11_3 Line: 380
MISRA_EXCEPTION_RULE_11_3 Line: 422
MISRA_EXCEPTION_RULE_11_3 Line: 455
MISRA_EXCEPTION_RULE_13_7 Line: 201
MISRA_EXCEPTION_RULE_13_7 Line: 466
MISRA_EXCEPTION_RULE_13_7 Line: 3142
MISRA_EXCEPTION_RULE_14_6 Line: 2412
MISRA_EXCEPTION_RULE_14_7 Line: 210
MISRA_EXCEPTION_RULE_14_7 Line: 245
MISRA_EXCEPTION_RULE_14_7 Line: 274
MISRA_EXCEPTION_RULE_14_7 Line: 408
MISRA_EXCEPTION_RULE_14_7 Line: 467
MISRA_EXCEPTION_RULE_14_7 Line: 2072
MISRA_EXCEPTION_RULE_14_7 Line: 2256
MISRA_EXCEPTION_RULE_14_7 Line: 2267
MISRA_EXCEPTION_RULE_14_7 Line: 2393
MISRA_EXCEPTION_RULE_14_7 Line: 2408
MISRA_EXCEPTION_RULE_14_7 Line: 2434
MISRA_EXCEPTION_RULE_14_7 Line: 2451
MISRA_EXCEPTION_RULE_14_7 Line: 2618
MISRA_EXCEPTION_RULE_14_7 Line: 2750
MISRA_EXCEPTION_RULE_14_7 Line: 2785
MISRA_EXCEPTION_RULE_14_7 Line: 2789
MISRA_EXCEPTION_RULE_14_7 Line: 2808

MISRA_EXCEPTION_RULE_14_7 Line: 2852
MISRA_EXCEPTION_RULE_14_7 Line: 2886
MISRA_EXCEPTION_RULE_14_7 Line: 2969
MISRA_EXCEPTION_RULE_14_7 Line: 2972
MISRA_EXCEPTION_RULE_14_7 Line: 2978
MISRA_EXCEPTION_RULE_14_7 Line: 2983
MISRA_EXCEPTION_RULE_14_7 Line: 3117
MISRA_EXCEPTION_RULE_14_7 Line: 3125
MISRA_EXCEPTION_RULE_16_7 Line: 2458
MISRA_EXCEPTION_RULE_16_7 Line: 2801
MISRA_EXCEPTION_RULE_16_7 Line: 2880
MISRA_EXCEPTION_RULE_17_3 Line: 200
MISRA_EXCEPTION_RULE_17_3 Line: 236
MISRA_EXCEPTION_RULE_17_3 Line: 259
MISRA_EXCEPTION_RULE_17_3 Line: 3143
MISRA_EXCEPTION_RULE_19_7 Line: 14
MISRA_EXCEPTION_RULE_19_7 Line: 63
MISRA_EXCEPTION_RULE_19_7 Line: 1973
MISRA_EXCEPTION_RULE_19_7 Line: 2493
MISRA_EXCEPTION_RULE_19_7 Line: 2559
MISRA_EXCEPTION_RULE_1_2a Line: 2077
MISRA_EXCEPTION_RULE_20_4 Line: 417
MISRA_EXCEPTION_RULE_20_4 Line: 437
MISRA_EXCEPTION_RULE_20_4 Line: 462
MISRA_EXCEPTION_RULE_20_4 Line: 470
MISRA_RESTORE Line: 17
MISRA_RESTORE Line: 65
MISRA_RESTORE Line: 2025
MISRA_RESTORE Line: 2505
MISRA_RESTORE Line: 2565

EWL_C/src/ansi_files.c

MISRA_EXCEPTION_RULE_11_4 Line: 329
MISRA_EXCEPTION_RULE_11_4 Line: 360
MISRA_EXCEPTION_RULE_20_4 Line: 246
MISRA_EXCEPTION_RULE_20_4 Line: 303

EWL_C/src/arith.c

MISRA_EXCEPTION_RULE_12_7b Line: 249
MISRA_EXCEPTION_RULE_12_7b Line: 273
MISRA_EXCEPTION_RULE_12_7b Line: 296
MISRA_EXCEPTION_RULE_14_7 Line: 67
MISRA_EXCEPTION_RULE_14_7 Line: 101
MISRA_EXCEPTION_RULE_14_7 Line: 113
MISRA_EXCEPTION_RULE_14_7 Line: 185
MISRA_EXCEPTION_RULE_14_7 Line: 190
MISRA_EXCEPTION_RULE_14_7 Line: 206
MISRA_EXCEPTION_RULE_14_7 Line: 211
MISRA_EXCEPTION_RULE_14_7 Line: 228
MISRA_EXCEPTION_RULE_14_7 Line: 233
MISRA_EXCEPTION_RULE_14_7 Line: 259
MISRA_EXCEPTION_RULE_14_7 Line: 280
MISRA_EXCEPTION_RULE_14_7 Line: 303

EWL_C/src/arm/arith_aeabi.c

MISRA_EXCEPTION_RULE_16_2 Line: 26

EWL_C/src/arm/assert_aeabi.c

MISRA_EXCEPTION_RULE_20_11 Line: 50
MISRA_EXCEPTION_RULE_20_9 Line: 20

EWL_C/src/arm/ctype_aeabi.c

MISRA_EXCEPTION_RULE_19_6 Line: 11

EWL_C/src/arm/errno_aeabi.c

MISRA_EXCEPTION_RULE_16_2 Line: 23

EWL_C/src/arm/fenv_arm.c

MISRA_EXCEPTION_RULE_16_2 Line: 188

MISRA_EXCEPTION_RULE_20_8 Line: 126

MISRA_EXCEPTION_RULE_20_8 Line: 137

MISRA_EXCEPTION_RULE_20_8 Line: 148

MISRA_EXCEPTION_RULE_20_8 Line: 159

MISRA_EXCEPTION_RULE_20_8 Line: 170

EWL_C/src/arm/file_io_aeabi.c :

MISRA_EXCEPTION_RULE_11_4 Line: 33

MISRA_EXCEPTION_RULE_11_4 Line: 37

MISRA_EXCEPTION_RULE_11_4 Line: 41

MISRA_EXCEPTION_RULE_1_2c Line: 34

MISRA_EXCEPTION_RULE_1_2c Line: 38

MISRA_EXCEPTION_RULE_1_2c Line: 42

EWL_C/src/arm/float_exceptions.c

MISRA_EXCEPTION_LONG_NAME Line: 44

MISRA_EXCEPTION_LONG_NAME Line: 154

MISRA_EXCEPTION_RULE_16_2 Line: 103

MISRA_EXCEPTION_RULE_20_8 Line: 91

EWL_C/src/arm/localel_aeabi.c

MISRA_EXCEPTION_RULE_11_4 Line: 25

EWL_C/src/arm/math_ARM.c

MISRA_EXCEPTION_RULE_11_4 Line: 47
MISRA_EXCEPTION_RULE_19_6 Line: 13
MISRA_EXCEPTION_RULE_1_2c Line: 48

EWL_C/src/assert.c

MISRA_EXCEPTION_RULE_20_11 Line: 53
MISRA_EXCEPTION_RULE_20_9 Line: 24

EWL_C/src/bsearch.c

MISRA_EXCEPTION_RULE_14_7 Line: 40
MISRA_EXCEPTION_RULE_14_7 Line: 49
MISRA_EXCEPTION_RULE_14_7 Line: 54
MISRA_EXCEPTION_RULE_14_7 Line: 67
MISRA_EXCEPTION_RULE_14_7 Line: 94
MISRA_EXCEPTION_RULE_14_7 Line: 99
MISRA_EXCEPTION_RULE_14_7 Line: 108
MISRA_EXCEPTION_RULE_14_7 Line: 113
MISRA_EXCEPTION_RULE_14_7 Line: 127
MISRA_EXCEPTION_RULE_16_2 Line: 28
MISRA_EXCEPTION_RULE_19_6 Line: 16
MISRA_EXCEPTION_RULE_19_7 Line: 24
MISRA_RESTORE Line: 18
MISRA_RESTORE Line: 26

EWL_C/src/buffer_io.c

MISRA_EXCEPTION_RULE_11_4 Line: 130
MISRA_EXCEPTION_RULE_11_4 Line: 140
MISRA_EXCEPTION_RULE_11_4 Line: 150
MISRA_EXCEPTION_RULE_11_4 Line: 204
MISRA_EXCEPTION_RULE_11_4 Line: 217
MISRA_EXCEPTION_RULE_11_4 Line: 243

```

MISRA_EXCEPTION_RULE_11_4 Line: 318
MISRA_EXCEPTION_RULE_14_7 Line: 166
MISRA_EXCEPTION_RULE_14_7 Line: 229
MISRA_EXCEPTION_RULE_14_7 Line: 255
MISRA_EXCEPTION_RULE_14_7 Line: 260
MISRA_EXCEPTION_RULE_14_7 Line: 269
MISRA_EXCEPTION_RULE_14_7 Line: 296
MISRA_EXCEPTION_RULE_14_7 Line: 306
MISRA_EXCEPTION_RULE_14_7 Line: 313
MISRA_EXCEPTION_RULE_16_2 Line: 199
MISRA_EXCEPTION_RULE_17_3 Line: 207
MISRA_EXCEPTION_RULE_19_7 Line: 121
MISRA_EXCEPTION_RULE_20_4 Line: 266
MISRA_EXCEPTION_RULE_20_4 Line: 302
MISRA_RESTORE Line: 124

```

EWL_C/src/char_io.c :

```

MISRA_EXCEPTION_RULE_11_4 Line: 50
MISRA_EXCEPTION_RULE_11_4 Line: 105
MISRA_EXCEPTION_RULE_11_4 Line: 129
MISRA_EXCEPTION_RULE_11_4 Line: 166
MISRA_EXCEPTION_RULE_11_4 Line: 219
MISRA_EXCEPTION_RULE_11_4 Line: 253
MISRA_EXCEPTION_RULE_11_4 Line: 290
MISRA_EXCEPTION_RULE_11_4 Line: 325
MISRA_EXCEPTION_RULE_11_4 Line: 357
MISRA_EXCEPTION_RULE_11_4 Line: 368
MISRA_EXCEPTION_RULE_11_4 Line: 436
MISRA_EXCEPTION_RULE_11_4 Line: 463
MISRA_EXCEPTION_RULE_11_4 Line: 492
MISRA_EXCEPTION_RULE_11_4 Line: 520
MISRA_EXCEPTION_RULE_11_4 Line: 540

```

MISRA_EXCEPTION_RULE_11_4 Line: 550
MISRA_EXCEPTION_RULE_12_4 Line: 192
MISRA_EXCEPTION_RULE_14_6 Line: 223
MISRA_EXCEPTION_RULE_14_6 Line: 275
MISRA_EXCEPTION_RULE_14_7 Line: 58
MISRA_EXCEPTION_RULE_14_7 Line: 66
MISRA_EXCEPTION_RULE_14_7 Line: 77
MISRA_EXCEPTION_RULE_14_7 Line: 93
MISRA_EXCEPTION_RULE_14_7 Line: 185
MISRA_EXCEPTION_RULE_14_7 Line: 200
MISRA_EXCEPTION_RULE_14_7 Line: 232
MISRA_EXCEPTION_RULE_14_7 Line: 269
MISRA_EXCEPTION_RULE_14_7 Line: 284
MISRA_EXCEPTION_RULE_14_7 Line: 331
MISRA_EXCEPTION_RULE_14_7 Line: 337
MISRA_EXCEPTION_RULE_14_7 Line: 360
MISRA_EXCEPTION_RULE_14_7 Line: 375
MISRA_EXCEPTION_RULE_14_7 Line: 390
MISRA_EXCEPTION_RULE_14_7 Line: 403
MISRA_EXCEPTION_RULE_14_7 Line: 411
MISRA_EXCEPTION_RULE_14_7 Line: 423
MISRA_EXCEPTION_RULE_17_3 Line: 407

EWL_C/src/coldfire/fenv_cf.c

MISRA_EXCEPTION_RULE_14_7 Line: 231
MISRA_EXCEPTION_RULE_19_7 Line: 31
MISRA_EXCEPTION_RULE_1_2b Line: 154
MISRA_EXCEPTION_RULE_1_2d Line: 155
MISRA_RESTORE Line: 36

EWL_C/src/coldfire/math_cf.c

MISRA_EXCEPTION_FLOAT_CAST Line: 48

EWL_C/src/coldfire/uart_console_io_cf.c :

MISRA_EXCEPTION_RULE_11_4 Line: 82
MISRA_EXCEPTION_RULE_14_7 Line: 64
MISRA_EXCEPTION_RULE_14_7 Line: 107
MISRA_EXCEPTION_RULE_14_7 Line: 114
MISRA_EXCEPTION_RULE_16_7 Line: 93
MISRA_EXCEPTION_RULE_16_7 Line: 120

EWL_C/src/direct_io.c

MISRA_EXCEPTION_RULE_11_4 Line: 66
MISRA_EXCEPTION_RULE_11_4 Line: 120
MISRA_EXCEPTION_RULE_11_4 Line: 212
MISRA_EXCEPTION_RULE_14_7 Line: 82
MISRA_EXCEPTION_RULE_14_7 Line: 98
MISRA_EXCEPTION_RULE_14_7 Line: 106
MISRA_EXCEPTION_RULE_14_7 Line: 229
MISRA_EXCEPTION_RULE_14_7 Line: 250
MISRA_EXCEPTION_RULE_14_7 Line: 264
MISRA_EXCEPTION_RULE_17_3 Line: 272
MISRA_EXCEPTION_RULE_17_3 Line: 287

EWL_C/src/file_io.c

MISRA_EXCEPTION_RULE_11_4 Line: 178
MISRA_EXCEPTION_RULE_11_4 Line: 223
MISRA_EXCEPTION_RULE_14_7 Line: 165
MISRA_EXCEPTION_RULE_14_7 Line: 183
MISRA_EXCEPTION_RULE_14_7 Line: 187
MISRA_EXCEPTION_RULE_14_7 Line: 203
MISRA_EXCEPTION_RULE_14_7 Line: 209
MISRA_EXCEPTION_RULE_14_7 Line: 212
MISRA_EXCEPTION_RULE_14_7 Line: 228
MISRA_EXCEPTION_RULE_14_7 Line: 233

MISRA_EXCEPTION_RULE_14_7 Line: 238
MISRA_EXCEPTION_RULE_14_7 Line: 252
MISRA_EXCEPTION_RULE_14_7 Line: 271
MISRA_EXCEPTION_RULE_14_7 Line: 309
MISRA_EXCEPTION_RULE_14_7 Line: 327
MISRA_EXCEPTION_RULE_14_7 Line: 335
MISRA_EXCEPTION_RULE_14_7 Line: 347
MISRA_EXCEPTION_RULE_14_7 Line: 368
MISRA_EXCEPTION_RULE_14_7 Line: 376
MISRA_EXCEPTION_RULE_14_7 Line: 386
MISRA_EXCEPTION_RULE_14_7 Line: 394
MISRA_EXCEPTION_RULE_14_7 Line: 406
MISRA_EXCEPTION_RULE_14_7 Line: 432
MISRA_EXCEPTION_RULE_14_7 Line: 460
MISRA_EXCEPTION_RULE_14_7 Line: 468
MISRA_EXCEPTION_RULE_14_7 Line: 589
MISRA_EXCEPTION_RULE_14_7 Line: 593
MISRA_EXCEPTION_RULE_14_7 Line: 597
MISRA_EXCEPTION_RULE_16_2 Line: 175
MISRA_EXCEPTION_RULE_20_4 Line: 200
MISRA_EXCEPTION_RULE_20_4 Line: 344
MISRA_EXCEPTION_RULE_20_4 Line: 403
MISRA_EXCEPTION_RULE_20_4 Line: 659

EWL_C/src/file_pos.c

MISRA_EXCEPTION_RULE_11_4 Line: 40
MISRA_EXCEPTION_RULE_11_4 Line: 171
MISRA_EXCEPTION_RULE_11_4 Line: 312
MISRA_EXCEPTION_RULE_11_4 Line: 315
MISRA_EXCEPTION_RULE_14_7 Line: 53
MISRA_EXCEPTION_RULE_14_7 Line: 58
MISRA_EXCEPTION_RULE_14_7 Line: 180

MISRA_EXCEPTION_RULE_14_7 Line: 189
MISRA_EXCEPTION_RULE_14_7 Line: 232
MISRA_EXCEPTION_RULE_16_2 Line: 29
MISRA_EXCEPTION_RULE_16_7 Line: 118
MISRA_EXCEPTION_RULE_17_3 Line: 62
MISRA_EXCEPTION_RULE_20_5 Line: 50
MISRA_EXCEPTION_RULE_20_5 Line: 104
MISRA_EXCEPTION_RULE_20_5 Line: 178
MISRA_EXCEPTION_RULE_20_5 Line: 187
MISRA_EXCEPTION_RULE_20_5 Line: 230
MISRA_EXCEPTION_RULE_20_5 Line: 245

EWL_C/src/locale.c

MISRA_EXCEPTION_RULE_10_1 Line: 185
MISRA_EXCEPTION_RULE_11_4 Line: 51
MISRA_EXCEPTION_RULE_11_4 Line: 88
MISRA_EXCEPTION_RULE_11_4 Line: 94
MISRA_EXCEPTION_RULE_11_4 Line: 101
MISRA_EXCEPTION_RULE_14_7 Line: 89
MISRA_EXCEPTION_RULE_14_7 Line: 95
MISRA_EXCEPTION_RULE_14_7 Line: 102

EWL_C/src/math_api.c

MISRA_EXCEPTION_LONG_NAME Line: 61
MISRA_EXCEPTION_RULE_11_4 Line: 113
MISRA_EXCEPTION_RULE_11_4 Line: 121
MISRA_EXCEPTION_RULE_14_7 Line: 86
MISRA_EXCEPTION_RULE_14_7 Line: 89
MISRA_EXCEPTION_RULE_14_7 Line: 92
MISRA_EXCEPTION_RULE_14_7 Line: 95
MISRA_EXCEPTION_RULE_14_7 Line: 98
MISRA_EXCEPTION_RULE_14_7 Line: 127

MISRA_EXCEPTION_RULE_14_7 Line: 130
MISRA_EXCEPTION_RULE_14_7 Line: 135
MISRA_EXCEPTION_RULE_14_7 Line: 138
MISRA_EXCEPTION_RULE_14_7 Line: 165
MISRA_EXCEPTION_RULE_14_7 Line: 168
MISRA_EXCEPTION_RULE_14_7 Line: 175
MISRA_EXCEPTION_RULE_14_7 Line: 178
MISRA_EXCEPTION_RULE_1_2c Line: 112
MISRA_EXCEPTION_RULE_1_2c Line: 122

EWL_C/src/math_double.c

MISRA_EXCEPTION_RULE_11_4 Line: 56
MISRA_EXCEPTION_RULE_11_4 Line: 59
MISRA_EXCEPTION_RULE_11_4 Line: 93
MISRA_EXCEPTION_RULE_13_3 Line: 75
MISRA_EXCEPTION_RULE_13_7 Line: 113
MISRA_EXCEPTION_RULE_13_7 Line: 117
MISRA_EXCEPTION_RULE_13_7 Line: 122
MISRA_EXCEPTION_RULE_13_7 Line: 153
MISRA_EXCEPTION_RULE_13_7 Line: 156
MISRA_EXCEPTION_RULE_13_7 Line: 162
MISRA_EXCEPTION_RULE_13_7 Line: 165
MISRA_EXCEPTION_RULE_13_7 Line: 241
MISRA_EXCEPTION_RULE_13_7 Line: 246
MISRA_EXCEPTION_RULE_14_7 Line: 66
MISRA_EXCEPTION_RULE_14_7 Line: 70
MISRA_EXCEPTION_RULE_14_7 Line: 78
MISRA_EXCEPTION_RULE_14_7 Line: 82
MISRA_EXCEPTION_RULE_14_7 Line: 143
MISRA_EXCEPTION_RULE_14_7 Line: 170
MISRA_EXCEPTION_RULE_14_7 Line: 255
MISRA_EXCEPTION_RULE_14_7 Line: 259

MISRA_EXCEPTION_RULE_14_7 Line: 263
 MISRA_EXCEPTION_RULE_1_2c Line: 55
 MISRA_EXCEPTION_RULE_1_2c Line: 58
 MISRA_EXCEPTION_RULE_1_2c Line: 92
 MISRA_EXCEPTION_RULE_20_5 Line: 119
 MISRA_EXCEPTION_RULE_20_5 Line: 243
 MISRA_EXCEPTION_RULE_20_5 Line: 248

EWL_C/src/math_float.c

MISRA_EXCEPTION_RULE_10_3 Line: 99
 MISRA_EXCEPTION_RULE_10_3 Line: 129
 MISRA_EXCEPTION_RULE_11_4 Line: 64
 MISRA_EXCEPTION_RULE_11_4 Line: 201
 MISRA_EXCEPTION_RULE_11_4 Line: 204
 MISRA_EXCEPTION_RULE_13_3 Line: 208
 MISRA_EXCEPTION_RULE_13_3 Line: 306
 MISRA_EXCEPTION_RULE_13_7 Line: 69
 MISRA_EXCEPTION_RULE_13_7 Line: 72
 MISRA_EXCEPTION_RULE_13_7 Line: 77
 MISRA_EXCEPTION_RULE_13_7 Line: 82
 MISRA_EXCEPTION_RULE_13_7 Line: 87
 MISRA_EXCEPTION_RULE_13_7 Line: 243
 MISRA_EXCEPTION_RULE_13_7 Line: 247
 MISRA_EXCEPTION_RULE_13_7 Line: 252
 MISRA_EXCEPTION_RULE_13_7 Line: 308
 MISRA_EXCEPTION_RULE_13_7 Line: 313
 MISRA_EXCEPTION_RULE_14_7 Line: 59
 MISRA_EXCEPTION_RULE_14_7 Line: 93
 MISRA_EXCEPTION_RULE_14_7 Line: 212
 MISRA_EXCEPTION_RULE_14_7 Line: 218
 MISRA_EXCEPTION_RULE_14_7 Line: 223
 MISRA_EXCEPTION_RULE_14_7 Line: 328

MISRA_EXCEPTION_RULE_14_7 Line: 331
MISRA_EXCEPTION_RULE_14_7 Line: 341
MISRA_EXCEPTION_RULE_14_7 Line: 348
MISRA_EXCEPTION_RULE_14_7 Line: 354
MISRA_EXCEPTION_RULE_1_2c Line: 63
MISRA_EXCEPTION_RULE_1_2c Line: 200
MISRA_EXCEPTION_RULE_1_2c Line: 203
MISRA_EXCEPTION_RULE_20_5 Line: 74
MISRA_EXCEPTION_RULE_20_5 Line: 84
MISRA_EXCEPTION_RULE_20_5 Line: 157
MISRA_EXCEPTION_RULE_20_5 Line: 249
MISRA_EXCEPTION_RULE_20_5 Line: 310
MISRA_EXCEPTION_RULE_20_5 Line: 315
MISRA_EXCEPTION_RULE_20_5 Line: 320
MISRA_EXCEPTION_RULE_20_9 Line: 34

EWL_C/src/math_fma.c :

MISRA_EXCEPTION_RULE_10_2 Line: 65
MISRA_EXCEPTION_RULE_10_2 Line: 77
MISRA_EXCEPTION_RULE_10_2 Line: 82
MISRA_EXCEPTION_RULE_10_2 Line: 88
MISRA_EXCEPTION_RULE_10_2 Line: 117
MISRA_EXCEPTION_RULE_10_2 Line: 123
MISRA_EXCEPTION_RULE_10_2 Line: 131
MISRA_EXCEPTION_RULE_10_2 Line: 136
MISRA_EXCEPTION_RULE_10_2 Line: 148
MISRA_EXCEPTION_RULE_10_2 Line: 152
MISRA_EXCEPTION_RULE_10_2 Line: 159
MISRA_EXCEPTION_RULE_10_2 Line: 529
MISRA_EXCEPTION_RULE_10_2 Line: 534
MISRA_EXCEPTION_RULE_10_2 Line: 540
MISRA_EXCEPTION_RULE_10_2 Line: 569

MISRA_EXCEPTION_RULE_10_2 Line: 575
MISRA_EXCEPTION_RULE_10_2 Line: 583
MISRA_EXCEPTION_RULE_10_2 Line: 588
MISRA_EXCEPTION_RULE_10_3 Line: 40
MISRA_EXCEPTION_RULE_10_3 Line: 42
MISRA_EXCEPTION_RULE_10_3 Line: 44
MISRA_EXCEPTION_RULE_10_3 Line: 312
MISRA_EXCEPTION_RULE_10_3 Line: 327
MISRA_EXCEPTION_RULE_10_3 Line: 413
MISRA_EXCEPTION_RULE_10_3 Line: 424
MISRA_EXCEPTION_RULE_10_3 Line: 495
MISRA_EXCEPTION_RULE_10_3 Line: 497
MISRA_EXCEPTION_RULE_10_3 Line: 499
MISRA_EXCEPTION_RULE_10_3 Line: 742
MISRA_EXCEPTION_RULE_10_3 Line: 751
MISRA_EXCEPTION_RULE_10_3 Line: 795
MISRA_EXCEPTION_RULE_10_3 Line: 805
MISRA_EXCEPTION_RULE_11_4 Line: 486
MISRA_EXCEPTION_RULE_11_4 Line: 489
MISRA_EXCEPTION_RULE_11_4 Line: 492
MISRA_EXCEPTION_RULE_11_4 Line: 780
MISRA_EXCEPTION_RULE_11_4 Line: 811
MISRA_EXCEPTION_RULE_11_4 Line: 820
MISRA_EXCEPTION_RULE_11_4 Line: 851
MISRA_EXCEPTION_RULE_12_4 Line: 63
MISRA_EXCEPTION_RULE_12_4 Line: 516
MISRA_EXCEPTION_RULE_12_7 Line: 236
MISRA_EXCEPTION_RULE_12_7 Line: 685
MISRA_EXCEPTION_RULE_13_3 Line: 158
MISRA_EXCEPTION_RULE_13_3 Line: 187
MISRA_EXCEPTION_RULE_13_3 Line: 204
MISRA_EXCEPTION_RULE_13_3 Line: 608

MISRA_EXCEPTION_RULE_13_3 Line: 637
MISRA_EXCEPTION_RULE_13_3 Line: 653
MISRA_EXCEPTION_RULE_14_7 Line: 66
MISRA_EXCEPTION_RULE_14_7 Line: 78
MISRA_EXCEPTION_RULE_14_7 Line: 83
MISRA_EXCEPTION_RULE_14_7 Line: 89
MISRA_EXCEPTION_RULE_14_7 Line: 118
MISRA_EXCEPTION_RULE_14_7 Line: 124
MISRA_EXCEPTION_RULE_14_7 Line: 132
MISRA_EXCEPTION_RULE_14_7 Line: 137
MISRA_EXCEPTION_RULE_14_7 Line: 149
MISRA_EXCEPTION_RULE_14_7 Line: 153
MISRA_EXCEPTION_RULE_14_7 Line: 161
MISRA_EXCEPTION_RULE_14_7 Line: 167
MISRA_EXCEPTION_RULE_14_7 Line: 170
MISRA_EXCEPTION_RULE_14_7 Line: 176
MISRA_EXCEPTION_RULE_14_7 Line: 179
MISRA_EXCEPTION_RULE_14_7 Line: 192
MISRA_EXCEPTION_RULE_14_7 Line: 197
MISRA_EXCEPTION_RULE_14_7 Line: 208
MISRA_EXCEPTION_RULE_14_7 Line: 213
MISRA_EXCEPTION_RULE_14_7 Line: 220
MISRA_EXCEPTION_RULE_14_7 Line: 229
MISRA_EXCEPTION_RULE_14_7 Line: 294
MISRA_EXCEPTION_RULE_14_7 Line: 394
MISRA_EXCEPTION_RULE_14_7 Line: 432
MISRA_EXCEPTION_RULE_14_7 Line: 440
MISRA_EXCEPTION_RULE_14_7 Line: 518
MISRA_EXCEPTION_RULE_14_7 Line: 530
MISRA_EXCEPTION_RULE_14_7 Line: 535
MISRA_EXCEPTION_RULE_14_7 Line: 541
MISRA_EXCEPTION_RULE_14_7 Line: 570

MISRA_EXCEPTION_RULE_14_7 Line: 576
MISRA_EXCEPTION_RULE_14_7 Line: 584
MISRA_EXCEPTION_RULE_14_7 Line: 589
MISRA_EXCEPTION_RULE_14_7 Line: 600
MISRA_EXCEPTION_RULE_14_7 Line: 603
MISRA_EXCEPTION_RULE_14_7 Line: 610
MISRA_EXCEPTION_RULE_14_7 Line: 616
MISRA_EXCEPTION_RULE_14_7 Line: 619
MISRA_EXCEPTION_RULE_14_7 Line: 625
MISRA_EXCEPTION_RULE_14_7 Line: 628
MISRA_EXCEPTION_RULE_14_7 Line: 641
MISRA_EXCEPTION_RULE_14_7 Line: 646
MISRA_EXCEPTION_RULE_14_7 Line: 657
MISRA_EXCEPTION_RULE_14_7 Line: 662
MISRA_EXCEPTION_RULE_14_7 Line: 669
MISRA_EXCEPTION_RULE_14_7 Line: 678
MISRA_EXCEPTION_RULE_14_7 Line: 728
MISRA_EXCEPTION_RULE_14_7 Line: 782
MISRA_EXCEPTION_RULE_14_7 Line: 813
MISRA_EXCEPTION_RULE_14_7 Line: 822
MISRA_EXCEPTION_RULE_1_2c Line: 485
MISRA_EXCEPTION_RULE_1_2c Line: 488
MISRA_EXCEPTION_RULE_1_2c Line: 491
MISRA_EXCEPTION_RULE_1_2c Line: 779
MISRA_EXCEPTION_RULE_1_2c Line: 810
MISRA_EXCEPTION_RULE_1_2c Line: 819
MISRA_EXCEPTION_RULE_1_2c Line: 850

EWL_C/src/math_longdouble.c

MISRA_EXCEPTION_RULE_13_3 Line: 111
MISRA_EXCEPTION_RULE_13_3 Line: 173
MISRA_EXCEPTION_RULE_13_3 Line: 212

MISRA_EXCEPTION_RULE_13_3 Line: 220
MISRA_EXCEPTION_RULE_13_7 Line: 51
MISRA_EXCEPTION_RULE_13_7 Line: 56
MISRA_EXCEPTION_RULE_13_7 Line: 108
MISRA_EXCEPTION_RULE_13_7 Line: 175
MISRA_EXCEPTION_RULE_13_7 Line: 180
MISRA_EXCEPTION_RULE_14_7 Line: 195
MISRA_EXCEPTION_RULE_14_7 Line: 198
MISRA_EXCEPTION_RULE_14_7 Line: 208
MISRA_EXCEPTION_RULE_14_7 Line: 217
MISRA_EXCEPTION_RULE_14_7 Line: 224
MISRA_EXCEPTION_RULE_20_5 Line: 53
MISRA_EXCEPTION_RULE_20_5 Line: 58
MISRA_EXCEPTION_RULE_20_5 Line: 87
MISRA_EXCEPTION_RULE_20_5 Line: 113
MISRA_EXCEPTION_RULE_20_5 Line: 117
MISRA_EXCEPTION_RULE_20_5 Line: 177
MISRA_EXCEPTION_RULE_20_5 Line: 182
MISRA_EXCEPTION_RULE_20_5 Line: 187
MISRA_EXCEPTION_RULE_20_5 Line: 215
MISRA_EXCEPTION_RULE_20_5 Line: 222

EWL_C/src/mbstring.c

MISRA_ALLOW_POINTER_CASTS Line: 47
MISRA_EXCEPTION_RULE_14_6 Line: 539
MISRA_EXCEPTION_RULE_14_6 Line: 580
MISRA_EXCEPTION_RULE_14_6 Line: 588
MISRA_EXCEPTION_RULE_14_6 Line: 717
MISRA_EXCEPTION_RULE_14_6 Line: 761
MISRA_EXCEPTION_RULE_14_6 Line: 799
MISRA_EXCEPTION_RULE_14_6 Line: 850
MISRA_EXCEPTION_RULE_14_7 Line: 53

MISRA_EXCEPTION_RULE_14_7 Line: 56
MISRA_EXCEPTION_RULE_14_7 Line: 67
MISRA_EXCEPTION_RULE_14_7 Line: 72
MISRA_EXCEPTION_RULE_14_7 Line: 77
MISRA_EXCEPTION_RULE_14_7 Line: 90
MISRA_EXCEPTION_RULE_14_7 Line: 96
MISRA_EXCEPTION_RULE_14_7 Line: 101
MISRA_EXCEPTION_RULE_14_7 Line: 117
MISRA_EXCEPTION_RULE_14_7 Line: 122
MISRA_EXCEPTION_RULE_14_7 Line: 128
MISRA_EXCEPTION_RULE_14_7 Line: 183
MISRA_EXCEPTION_RULE_14_7 Line: 211
MISRA_EXCEPTION_RULE_14_7 Line: 343
MISRA_EXCEPTION_RULE_14_7 Line: 348
MISRA_EXCEPTION_RULE_14_7 Line: 357
MISRA_EXCEPTION_RULE_14_7 Line: 367
MISRA_EXCEPTION_RULE_14_7 Line: 372
MISRA_EXCEPTION_RULE_14_7 Line: 398
MISRA_EXCEPTION_RULE_14_7 Line: 412
MISRA_EXCEPTION_RULE_14_7 Line: 426
MISRA_EXCEPTION_RULE_14_7 Line: 454
MISRA_EXCEPTION_RULE_14_7 Line: 481
MISRA_EXCEPTION_RULE_14_7 Line: 499
MISRA_EXCEPTION_RULE_14_7 Line: 524
MISRA_EXCEPTION_RULE_14_7 Line: 561
MISRA_EXCEPTION_RULE_14_7 Line: 567
MISRA_EXCEPTION_RULE_14_7 Line: 625
MISRA_EXCEPTION_RULE_14_7 Line: 643
MISRA_EXCEPTION_RULE_14_7 Line: 667
MISRA_EXCEPTION_RULE_14_7 Line: 695
MISRA_EXCEPTION_RULE_14_7 Line: 740
MISRA_EXCEPTION_RULE_14_7 Line: 780

MISRA_EXCEPTION_RULE_14_7 Line: 823
MISRA_EXCEPTION_RULE_14_7 Line: 829
MISRA_EXCEPTION_RULE_14_7 Line: 864
MISRA_EXCEPTION_RULE_14_7 Line: 871
MISRA_EXCEPTION_RULE_14_7 Line: 874
MISRA_EXCEPTION_RULE_15_2 Line: 238
MISRA_EXCEPTION_RULE_15_2 Line: 242
MISRA_EXCEPTION_RULE_15_2 Line: 246
MISRA_EXCEPTION_RULE_15_2 Line: 250
MISRA_EXCEPTION_RULE_15_2 Line: 254
MISRA_EXCEPTION_RULE_15_2 Line: 298
MISRA_EXCEPTION_RULE_15_2 Line: 306
MISRA_EXCEPTION_RULE_15_2 Line: 314
MISRA_EXCEPTION_RULE_15_2 Line: 322
MISRA_EXCEPTION_RULE_15_2 Line: 330
MISRA_EXCEPTION_RULE_16_2 Line: 193
MISRA_EXCEPTION_RULE_16_7 Line: 634
MISRA_EXCEPTION_RULE_16_7 Line: 649
MISRA_EXCEPTION_RULE_16_7 Line: 683
MISRA_EXCEPTION_RULE_19_6 Line: 29
MISRA_EXCEPTION_RULE_20_5 Line: 622
MISRA_RESTORE Line: 31

EWL_C/src/mem.c

MISRA_EXCEPTION_RULE_10_3 Line: 201
MISRA_EXCEPTION_RULE_11_3 Line: 89
MISRA_EXCEPTION_RULE_11_3 Line: 101
MISRA_EXCEPTION_RULE_12_7 Line: 102
MISRA_EXCEPTION_RULE_14_7 Line: 117
MISRA_EXCEPTION_RULE_14_7 Line: 193
MISRA_EXCEPTION_RULE_14_7 Line: 203
MISRA_EXCEPTION_RULE_14_7 Line: 224

MISRA_EXCEPTION_RULE_14_7 Line: 236
MISRA_EXCEPTION_RULE_14_7 Line: 258
MISRA_EXCEPTION_RULE_14_7 Line: 261
MISRA_EXCEPTION_RULE_14_7 Line: 275
MISRA_EXCEPTION_RULE_14_7 Line: 278
MISRA_EXCEPTION_RULE_14_7 Line: 296
MISRA_EXCEPTION_RULE_14_7 Line: 304
MISRA_EXCEPTION_RULE_14_7 Line: 317
MISRA_EXCEPTION_RULE_14_7 Line: 325
MISRA_EXCEPTION_RULE_19_6 Line: 21
MISRA_EXCEPTION_RULE_1_2b Line: 255
MISRA_EXCEPTION_RULE_1_2b Line: 272
MISRA_RESTORE Line: 23

EWL_C/src/mem_funcs.c :

MISRA_ALLOW_POINTER_CASTS Line: 56
MISRA_EXCEPTION_RULE_10_3 Line: 179
MISRA_EXCEPTION_RULE_10_3 Line: 331
MISRA_EXCEPTION_RULE_10_3 Line: 504
MISRA_EXCEPTION_RULE_11_3 Line: 88
MISRA_EXCEPTION_RULE_11_3 Line: 120
MISRA_EXCEPTION_RULE_11_3 Line: 124
MISRA_EXCEPTION_RULE_11_3 Line: 180
MISRA_EXCEPTION_RULE_11_3 Line: 264
MISRA_EXCEPTION_RULE_11_3 Line: 332
MISRA_EXCEPTION_RULE_11_3 Line: 348
MISRA_EXCEPTION_RULE_11_3 Line: 430
MISRA_EXCEPTION_RULE_11_3 Line: 440
MISRA_EXCEPTION_RULE_11_3 Line: 505
MISRA_EXCEPTION_RULE_14_7 Line: 94
MISRA_EXCEPTION_RULE_14_7 Line: 138
MISRA_EXCEPTION_RULE_19_7 Line: 72

MISRA_RESTORE Line: 78

EWL_C/src/misc_io.c

MISRA_EXCEPTION_RULE_11_4 Line: 37
MISRA_EXCEPTION_RULE_11_4 Line: 46
MISRA_EXCEPTION_RULE_11_4 Line: 56
MISRA_EXCEPTION_RULE_16_7 Line: 50
MISRA_EXCEPTION_RULE_16_7 Line: 60
MISRA_EXCEPTION_RULE_20_5 Line: 72

EWL_C/src/pa/fenv.ppc.c

MISRA_EXCEPTION_RULE_12_7 Line: 73
MISRA_EXCEPTION_RULE_12_7 Line: 122
MISRA_EXCEPTION_RULE_12_7 Line: 166
MISRA_EXCEPTION_RULE_12_7 Line: 218
MISRA_EXCEPTION_RULE_12_7 Line: 273
MISRA_EXCEPTION_RULE_14_7 Line: 77
MISRA_EXCEPTION_RULE_14_7 Line: 222
MISRA_EXCEPTION_RULE_14_7 Line: 370
MISRA_EXCEPTION_RULE_14_7 Line: 373
MISRA_EXCEPTION_RULE_14_7 Line: 728
MISRA_EXCEPTION_RULE_14_7 Line: 732
MISRA_EXCEPTION_RULE_16_7 Line: 427
MISRA_EXCEPTION_RULE_16_7 Line: 482

EWL_C/src/pa/math_ppc.c

MISRA_EXCEPTION_RULE_11_4 Line: 152
MISRA_EXCEPTION_RULE_1_2c Line: 151

EWL_C/src/printf.c

MISRA_EXCEPTION_RULE_11_3 Line: 68
MISRA_EXCEPTION_RULE_11_3 Line: 87

MISRA_EXCEPTION_RULE_11_4 Line: 69
MISRA_EXCEPTION_RULE_14_7 Line: 102
MISRA_EXCEPTION_RULE_14_7 Line: 132
MISRA_EXCEPTION_RULE_14_7 Line: 139
MISRA_EXCEPTION_RULE_14_7 Line: 195
MISRA_EXCEPTION_RULE_14_7 Line: 309
MISRA_EXCEPTION_RULE_14_7 Line: 328
MISRA_EXCEPTION_RULE_14_7 Line: 335
MISRA_EXCEPTION_RULE_14_7 Line: 357
MISRA_EXCEPTION_RULE_14_7 Line: 385
MISRA_EXCEPTION_RULE_14_7 Line: 392
MISRA_EXCEPTION_RULE_14_7 Line: 445
MISRA_EXCEPTION_RULE_14_7 Line: 482
MISRA_EXCEPTION_RULE_16_1 Line: 93
MISRA_EXCEPTION_RULE_16_1 Line: 125
MISRA_EXCEPTION_RULE_16_1 Line: 163
MISRA_EXCEPTION_RULE_16_1 Line: 165
MISRA_EXCEPTION_RULE_16_1 Line: 185
MISRA_EXCEPTION_RULE_16_1 Line: 187
MISRA_EXCEPTION_RULE_16_1 Line: 215
MISRA_EXCEPTION_RULE_16_1 Line: 255
MISRA_EXCEPTION_RULE_16_1 Line: 494
MISRA_EXCEPTION_RULE_16_1 Line: 507
MISRA_EXCEPTION_RULE_16_1 Line: 520
MISRA_EXCEPTION_RULE_16_1 Line: 533
MISRA_EXCEPTION_RULE_16_7 Line: 71
MISRA_EXCEPTION_RULE_19_6 Line: 35
MISRA_RESTORE Line: 37

EWL_C/src/printformat.c

MISRA_ALLOW_POINTER_CASTS Line: 48
MISRA_EXCEPTION_RULE_10_1 Line: 1441

MISRA_EXCEPTION_RULE_10_1 Line: 1444
MISRA_EXCEPTION_RULE_10_1 Line: 1465
MISRA_EXCEPTION_RULE_10_1 Line: 1756
MISRA_EXCEPTION_RULE_10_1 Line: 1815
MISRA_EXCEPTION_RULE_12_4 Line: 1647
MISRA_EXCEPTION_RULE_12_4 Line: 1933
MISRA_EXCEPTION_RULE_12_4 Line: 1945
MISRA_EXCEPTION_RULE_12_4 Line: 2381
MISRA_EXCEPTION_RULE_12_4 Line: 2429
MISRA_EXCEPTION_RULE_13_7 Line: 1404
MISRA_EXCEPTION_RULE_13_7 Line: 1409
MISRA_EXCEPTION_RULE_13_7 Line: 1414
MISRA_EXCEPTION_RULE_13_7 Line: 1439
MISRA_EXCEPTION_RULE_13_7 Line: 1463
MISRA_EXCEPTION_RULE_13_7 Line: 1494
MISRA_EXCEPTION_RULE_14_4 Line: 1736
MISRA_EXCEPTION_RULE_14_4 Line: 1749
MISRA_EXCEPTION_RULE_14_4 Line: 2033
MISRA_EXCEPTION_RULE_14_4 Line: 2042
MISRA_EXCEPTION_RULE_14_4 Line: 2118
MISRA_EXCEPTION_RULE_14_4 Line: 2126
MISRA_EXCEPTION_RULE_14_4 Line: 2170
MISRA_EXCEPTION_RULE_14_4 Line: 2188
MISRA_EXCEPTION_RULE_14_4 Line: 2213
MISRA_EXCEPTION_RULE_14_4 Line: 2340
MISRA_EXCEPTION_RULE_14_4 Line: 2359
MISRA_EXCEPTION_RULE_14_5 Line: 2285
MISRA_EXCEPTION_RULE_14_7 Line: 262
MISRA_EXCEPTION_RULE_14_7 Line: 363
MISRA_EXCEPTION_RULE_14_7 Line: 510
MISRA_EXCEPTION_RULE_14_7 Line: 786
MISRA_EXCEPTION_RULE_14_7 Line: 874

MISRA_EXCEPTION_RULE_14_7 Line: 933
MISRA_EXCEPTION_RULE_14_7 Line: 1009
MISRA_EXCEPTION_RULE_14_7 Line: 1085
MISRA_EXCEPTION_RULE_14_7 Line: 1143
MISRA_EXCEPTION_RULE_14_7 Line: 1219
MISRA_EXCEPTION_RULE_14_7 Line: 1290
MISRA_EXCEPTION_RULE_14_7 Line: 1345
MISRA_EXCEPTION_RULE_14_7 Line: 1364
MISRA_EXCEPTION_RULE_14_7 Line: 1551
MISRA_EXCEPTION_RULE_14_7 Line: 1556
MISRA_EXCEPTION_RULE_14_7 Line: 1598
MISRA_EXCEPTION_RULE_14_7 Line: 1605
MISRA_EXCEPTION_RULE_14_7 Line: 1630
MISRA_EXCEPTION_RULE_14_7 Line: 1680
MISRA_EXCEPTION_RULE_14_7 Line: 1701
MISRA_EXCEPTION_RULE_14_7 Line: 1779
MISRA_EXCEPTION_RULE_14_7 Line: 1834
MISRA_EXCEPTION_RULE_14_7 Line: 1935
MISRA_EXCEPTION_RULE_14_7 Line: 1947
MISRA_EXCEPTION_RULE_14_7 Line: 2205
MISRA_EXCEPTION_RULE_14_7 Line: 2226
MISRA_EXCEPTION_RULE_14_7 Line: 2261
MISRA_EXCEPTION_RULE_14_7 Line: 2383
MISRA_EXCEPTION_RULE_14_7 Line: 2387
MISRA_EXCEPTION_RULE_14_7 Line: 2398
MISRA_EXCEPTION_RULE_14_7 Line: 2408
MISRA_EXCEPTION_RULE_14_7 Line: 2412
MISRA_EXCEPTION_RULE_14_7 Line: 2421
MISRA_EXCEPTION_RULE_14_7 Line: 2431
MISRA_EXCEPTION_RULE_14_7 Line: 2439
MISRA_EXCEPTION_RULE_14_7 Line: 2457
MISRA_EXCEPTION_RULE_14_7 Line: 2461

MISRA_EXCEPTION_RULE_15_2 Line: 604
MISRA_EXCEPTION_RULE_15_2 Line: 1754
MISRA_EXCEPTION_RULE_15_2 Line: 1813
MISRA_EXCEPTION_RULE_16_2 Line: 1894
MISRA_EXCEPTION_RULE_16_7 Line: 242
MISRA_EXCEPTION_RULE_17_3 Line: 872
MISRA_EXCEPTION_RULE_17_3 Line: 1007
MISRA_EXCEPTION_RULE_17_3 Line: 1565
MISRA_EXCEPTION_RULE_17_3 Line: 1777
MISRA_EXCEPTION_RULE_17_3 Line: 1941
MISRA_EXCEPTION_RULE_17_3 Line: 2047
MISRA_EXCEPTION_RULE_17_3 Line: 2131
MISRA_EXCEPTION_RULE_17_3 Line: 2174
MISRA_EXCEPTION_RULE_17_3 Line: 2192
MISRA_EXCEPTION_RULE_17_3 Line: 2241
MISRA_EXCEPTION_RULE_1_2c Line: 1954

EWL_C/src/qsort.c

MISRA_EXCEPTION_RULE_14_7 Line: 117
MISRA_EXCEPTION_RULE_14_7 Line: 135
MISRA_EXCEPTION_RULE_14_7 Line: 179
MISRA_EXCEPTION_RULE_14_7 Line: 184
MISRA_EXCEPTION_RULE_14_7 Line: 201
MISRA_EXCEPTION_RULE_16_2 Line: 105
MISRA_EXCEPTION_RULE_19_6 Line: 56
MISRA_EXCEPTION_RULE_19_7 Line: 64
MISRA_RESTORE Line: 58
MISRA_RESTORE Line: 103

EWL_C/src/sc/asin_StarCore.c

MISRA_EXCEPTION_RULE_13_7 Line: 103
MISRA_EXCEPTION_RULE_13_7 Line: 108

MISRA_EXCEPTION_RULE_13_7 Line: 128
MISRA_EXCEPTION_RULE_13_7 Line: 133
MISRA_EXCEPTION_RULE_20_5 Line: 105
MISRA_EXCEPTION_RULE_20_5 Line: 110
MISRA_EXCEPTION_RULE_20_5 Line: 114
MISRA_EXCEPTION_RULE_20_5 Line: 130
MISRA_EXCEPTION_RULE_20_5 Line: 135
MISRA_EXCEPTION_RULE_20_5 Line: 139

EWL_C/src/sc/assert_StarCore.c :

MISRA_EXCEPTION_RULE_20_11 Line: 12

EWL_C/src/sc/atan2_StarCore.c :

MISRA_EXCEPTION_RULE_13_3 Line: 47
MISRA_EXCEPTION_RULE_13_7 Line: 23
MISRA_EXCEPTION_RULE_13_7 Line: 28
MISRA_EXCEPTION_RULE_20_5 Line: 25
MISRA_EXCEPTION_RULE_20_5 Line: 30
MISRA_EXCEPTION_RULE_20_5 Line: 34

EWL_C/src/sc/console_io_StarCore.c

MISRA_EXCEPTION_RULE_16_7 Line: 29
MISRA_EXCEPTION_RULE_16_7 Line: 55
MISRA_EXCEPTION_RULE_16_7 Line: 80

EWL_C/src/sc/exp_StarCore.c

MISRA_EXCEPTION_RULE_10_4 Line: 150
MISRA_EXCEPTION_RULE_13_3 Line: 113
MISRA_EXCEPTION_RULE_13_3 Line: 132
MISRA_EXCEPTION_RULE_13_7 Line: 119
MISRA_EXCEPTION_RULE_13_7 Line: 138
MISRA_EXCEPTION_RULE_20_5 Line: 32

MISRA_EXCEPTION_RULE_20_5 Line: 37
MISRA_EXCEPTION_RULE_20_5 Line: 121
MISRA_EXCEPTION_RULE_20_5 Line: 125
MISRA_EXCEPTION_RULE_20_5 Line: 140
MISRA_EXCEPTION_RULE_20_5 Line: 144

EWL_C/src/sc/fenv_StarCore.c

MISRA_EXCEPTION_RULE_10_3 Line: 136
MISRA_EXCEPTION_RULE_10_3 Line: 155

EWL_C/src/sc/file_io_StarCore.c :

MISRA_EXCEPTION_RULE_10_3 Line: 345
MISRA_EXCEPTION_RULE_15_2 Line: 99
MISRA_EXCEPTION_RULE_15_2 Line: 101
MISRA_EXCEPTION_RULE_16_7 Line: 167
MISRA_EXCEPTION_RULE_16_7 Line: 198
MISRA_EXCEPTION_RULE_16_7 Line: 227
MISRA_EXCEPTION_RULE_16_7 Line: 312
MISRA_EXCEPTION_RULE_20_4 Line: 139
MISRA_EXCEPTION_RULE_20_4 Line: 301
MISRA_EXCEPTION_RULE_20_5 Line: 118
MISRA_EXCEPTION_RULE_20_5 Line: 178
MISRA_EXCEPTION_RULE_20_5 Line: 209
MISRA_EXCEPTION_RULE_20_5 Line: 241
MISRA_EXCEPTION_RULE_20_5 Line: 272
MISRA_EXCEPTION_RULE_20_5 Line: 377

EWL_C/src/sc/ldexp_StarCore.c

MISRA_EXCEPTION_RULE_13_7 Line: 26
MISRA_EXCEPTION_RULE_20_5 Line: 28
MISRA_EXCEPTION_RULE_20_5 Line: 32

EWL_C/src/sc/log10_StarCore.c

MISRA_EXCEPTION_RULE_13_7 Line: 64
MISRA_EXCEPTION_RULE_13_7 Line: 74
MISRA_EXCEPTION_RULE_13_7 Line: 79
MISRA_EXCEPTION_RULE_20_5 Line: 33
MISRA_EXCEPTION_RULE_20_5 Line: 38
MISRA_EXCEPTION_RULE_20_5 Line: 59
MISRA_EXCEPTION_RULE_20_5 Line: 66
MISRA_EXCEPTION_RULE_20_5 Line: 76
MISRA_EXCEPTION_RULE_20_5 Line: 81

EWL_C/src/sc/log_StarCore.c

MISRA_EXCEPTION_RULE_13_7 Line: 86
MISRA_EXCEPTION_RULE_13_7 Line: 91
MISRA_EXCEPTION_RULE_13_7 Line: 105
MISRA_EXCEPTION_RULE_20_5 Line: 32
MISRA_EXCEPTION_RULE_20_5 Line: 37
MISRA_EXCEPTION_RULE_20_5 Line: 88
MISRA_EXCEPTION_RULE_20_5 Line: 93
MISRA_EXCEPTION_RULE_20_5 Line: 97
MISRA_EXCEPTION_RULE_20_5 Line: 107
MISRA_EXCEPTION_RULE_20_5 Line: 111

EWL_C/src/sc/math_StarCore.c

MISRA_EXCEPTION_RULE_10_3 Line: 78
MISRA_EXCEPTION_RULE_10_3 Line: 110
MISRA_EXCEPTION_RULE_11_4 Line: 31
MISRA_EXCEPTION_RULE_11_4 Line: 34
MISRA_EXCEPTION_RULE_11_4 Line: 119
MISRA_EXCEPTION_RULE_12_7 Line: 46
MISRA_EXCEPTION_RULE_12_7 Line: 68
MISRA_EXCEPTION_RULE_12_7 Line: 72

MISRA_EXCEPTION_RULE_12_7 Line: 83
MISRA_EXCEPTION_RULE_12_7 Line: 115
MISRA_EXCEPTION_RULE_12_7 Line: 117
MISRA_EXCEPTION_RULE_13_7 Line: 51
MISRA_EXCEPTION_RULE_13_7 Line: 56
MISRA_EXCEPTION_RULE_13_7 Line: 206
MISRA_EXCEPTION_RULE_13_7 Line: 273
MISRA_EXCEPTION_RULE_13_7 Line: 341
MISRA_EXCEPTION_RULE_20_5 Line: 53
MISRA_EXCEPTION_RULE_20_5 Line: 58
MISRA_EXCEPTION_RULE_20_5 Line: 62
MISRA_EXCEPTION_RULE_20_5 Line: 160
MISRA_EXCEPTION_RULE_20_5 Line: 208
MISRA_EXCEPTION_RULE_20_5 Line: 227
MISRA_EXCEPTION_RULE_20_5 Line: 275
MISRA_EXCEPTION_RULE_20_5 Line: 294
MISRA_EXCEPTION_RULE_20_5 Line: 343

EWL_C/src/sc/ mem_funcs_cpy_StarCore.c

MISRA_EXCEPTION_RULE_10_3 Line: 99
MISRA_EXCEPTION_RULE_10_3 Line: 118
MISRA_EXCEPTION_RULE_11_3 Line: 45
MISRA_EXCEPTION_RULE_11_3 Line: 88

EWL_C/src/sc/mem_funcs_set_StarCore.c

MISRA_EXCEPTION_RULE_10_3 Line: 107

EWL_C/src/sc/modf_StarCore.c

MISRA_EXCEPTION_RULE_12_7 Line: 16

EWL_C/src/sc/pow_StarCore.c :

MISRA_EXCEPTION_RULE_12_4 Line: 93
MISRA_EXCEPTION_RULE_13_7 Line: 97
MISRA_EXCEPTION_RULE_13_7 Line: 102
MISRA_EXCEPTION_RULE_13_7 Line: 116
MISRA_EXCEPTION_RULE_13_7 Line: 121
MISRA_EXCEPTION_RULE_13_7 Line: 150
MISRA_EXCEPTION_RULE_13_7 Line: 170
MISRA_EXCEPTION_RULE_13_7 Line: 205
MISRA_EXCEPTION_RULE_13_7 Line: 219
MISRA_EXCEPTION_RULE_20_5 Line: 99
MISRA_EXCEPTION_RULE_20_5 Line: 104
MISRA_EXCEPTION_RULE_20_5 Line: 108
MISRA_EXCEPTION_RULE_20_5 Line: 118
MISRA_EXCEPTION_RULE_20_5 Line: 123
MISRA_EXCEPTION_RULE_20_5 Line: 152
MISRA_EXCEPTION_RULE_20_5 Line: 156
MISRA_EXCEPTION_RULE_20_5 Line: 172
MISRA_EXCEPTION_RULE_20_5 Line: 176
MISRA_EXCEPTION_RULE_20_5 Line: 207
MISRA_EXCEPTION_RULE_20_5 Line: 211
MISRA_EXCEPTION_RULE_20_5 Line: 221
MISRA_EXCEPTION_RULE_20_5 Line: 225

EWL_C/src/sc/signal_StarCore.c

MISRA_EXCEPTION_RULE_10_3 Line: 97
MISRA_EXCEPTION_RULE_11_3 Line: 116
MISRA_EXCEPTION_RULE_20_11 Line: 292
MISRA_EXCEPTION_RULE_20_5 Line: 122
MISRA_EXCEPTION_RULE_20_5 Line: 139
MISRA_EXCEPTION_RULE_20_5 Line: 152
MISRA_EXCEPTION_RULE_20_5 Line: 214

EWL_C/src/sc/sin_StarCore.c

MISRA_EXCEPTION_RULE_12_7 Line: 128
MISRA_EXCEPTION_RULE_12_7 Line: 134
MISRA_EXCEPTION_RULE_12_7 Line: 141

EWL_C/src/sc/sinh_StarCore.c

MISRA_EXCEPTION_RULE_13_7 Line: 58
MISRA_EXCEPTION_RULE_20_5 Line: 60
MISRA_EXCEPTION_RULE_20_5 Line: 64

EWL_C/src/sc/sqrt_StarCore.c

MISRA_EXCEPTION_RULE_13_7 Line: 34
MISRA_EXCEPTION_RULE_13_7 Line: 39
MISRA_EXCEPTION_RULE_13_7 Line: 89
MISRA_EXCEPTION_RULE_13_7 Line: 94
MISRA_EXCEPTION_RULE_20_5 Line: 36
MISRA_EXCEPTION_RULE_20_5 Line: 41
MISRA_EXCEPTION_RULE_20_5 Line: 45
MISRA_EXCEPTION_RULE_20_5 Line: 91
MISRA_EXCEPTION_RULE_20_5 Line: 96
MISRA_EXCEPTION_RULE_20_5 Line: 100

EWL_C/src/sc/ thread_local_data_StarCore.c :

MISRA_EXCEPTION_RULE_20_4 Line: 118

EWL_C/src/sc/time_StarCore.c

MISRA_EXCEPTION_RULE_20_5 Line: 60

EWL_C/src/scanf.c

MISRA_EXCEPTION_RULE_11_4 Line: 83

MISRA_EXCEPTION_RULE_11_4 Line: 466
MISRA_EXCEPTION_RULE_11_4 Line: 488
MISRA_EXCEPTION_RULE_14_7 Line: 51
MISRA_EXCEPTION_RULE_14_7 Line: 56
MISRA_EXCEPTION_RULE_14_7 Line: 59
MISRA_EXCEPTION_RULE_14_7 Line: 65
MISRA_EXCEPTION_RULE_14_7 Line: 70
MISRA_EXCEPTION_RULE_14_7 Line: 84
MISRA_EXCEPTION_RULE_14_7 Line: 104
MISRA_EXCEPTION_RULE_14_7 Line: 108
MISRA_EXCEPTION_RULE_14_7 Line: 118
MISRA_EXCEPTION_RULE_14_7 Line: 122
MISRA_EXCEPTION_RULE_14_7 Line: 126
MISRA_EXCEPTION_RULE_14_7 Line: 149
MISRA_EXCEPTION_RULE_14_7 Line: 156
MISRA_EXCEPTION_RULE_14_7 Line: 167
MISRA_EXCEPTION_RULE_14_7 Line: 174
MISRA_EXCEPTION_RULE_14_7 Line: 206
MISRA_EXCEPTION_RULE_14_7 Line: 213
MISRA_EXCEPTION_RULE_14_7 Line: 225
MISRA_EXCEPTION_RULE_14_7 Line: 232
MISRA_EXCEPTION_RULE_14_7 Line: 253
MISRA_EXCEPTION_RULE_14_7 Line: 275
MISRA_EXCEPTION_RULE_14_7 Line: 289
MISRA_EXCEPTION_RULE_14_7 Line: 310
MISRA_EXCEPTION_RULE_14_7 Line: 317
MISRA_EXCEPTION_RULE_14_7 Line: 329
MISRA_EXCEPTION_RULE_14_7 Line: 335
MISRA_EXCEPTION_RULE_14_7 Line: 379
MISRA_EXCEPTION_RULE_14_7 Line: 388
MISRA_EXCEPTION_RULE_14_7 Line: 411
MISRA_EXCEPTION_RULE_14_7 Line: 418

MISRA_EXCEPTION_RULE_14_7 Line: 438
MISRA_EXCEPTION_RULE_14_7 Line: 450
MISRA_EXCEPTION_RULE_14_7 Line: 469
MISRA_EXCEPTION_RULE_14_7 Line: 484
MISRA_EXCEPTION_RULE_16_1 Line: 131
MISRA_EXCEPTION_RULE_16_1 Line: 187
MISRA_EXCEPTION_RULE_16_1 Line: 265
MISRA_EXCEPTION_RULE_16_1 Line: 302
MISRA_EXCEPTION_RULE_16_1 Line: 349
MISRA_EXCEPTION_RULE_16_1 Line: 351
MISRA_EXCEPTION_RULE_16_1 Line: 368
MISRA_EXCEPTION_RULE_16_1 Line: 370
MISRA_EXCEPTION_RULE_16_1 Line: 495
MISRA_EXCEPTION_RULE_16_1 Line: 508
MISRA_EXCEPTION_RULE_16_7 Line: 88
MISRA_EXCEPTION_RULE_19_6 Line: 23
MISRA_RESTORE Line: 25

EWL_C/src/scanformat.c

MISRA_ALLOW_POINTER_CASTS Line: 48
MISRA_EXCEPTION_RULE_10_1 Line: 613
MISRA_EXCEPTION_RULE_10_1 Line: 1227
MISRA_EXCEPTION_RULE_10_1 Line: 1267
MISRA_EXCEPTION_RULE_10_1 Line: 1383
MISRA_EXCEPTION_RULE_10_3 Line: 930
MISRA_EXCEPTION_RULE_10_3 Line: 937
MISRA_EXCEPTION_RULE_12_4 Line: 448
MISRA_EXCEPTION_RULE_12_4 Line: 614
MISRA_EXCEPTION_RULE_12_4 Line: 690
MISRA_EXCEPTION_RULE_12_4 Line: 1226
MISRA_EXCEPTION_RULE_12_4 Line: 1266
MISRA_EXCEPTION_RULE_12_4 Line: 1384

MISRA_EXCEPTION_RULE_12_4 Line: 1440
MISRA_EXCEPTION_RULE_14_4 Line: 627
MISRA_EXCEPTION_RULE_14_4 Line: 643
MISRA_EXCEPTION_RULE_14_4 Line: 693
MISRA_EXCEPTION_RULE_14_4 Line: 704
MISRA_EXCEPTION_RULE_14_4 Line: 742
MISRA_EXCEPTION_RULE_14_4 Line: 750
MISRA_EXCEPTION_RULE_14_4 Line: 871
MISRA_EXCEPTION_RULE_14_4 Line: 876
MISRA_EXCEPTION_RULE_14_4 Line: 912
MISRA_EXCEPTION_RULE_14_4 Line: 920
MISRA_EXCEPTION_RULE_14_4 Line: 1060
MISRA_EXCEPTION_RULE_14_4 Line: 1065
MISRA_EXCEPTION_RULE_14_4 Line: 1169
MISRA_EXCEPTION_RULE_14_4 Line: 1250
MISRA_EXCEPTION_RULE_14_4 Line: 1275
MISRA_EXCEPTION_RULE_14_4 Line: 1308
MISRA_EXCEPTION_RULE_14_4 Line: 1412
MISRA_EXCEPTION_RULE_14_4 Line: 1531
MISRA_EXCEPTION_RULE_14_5 Line: 635
MISRA_EXCEPTION_RULE_14_5 Line: 648
MISRA_EXCEPTION_RULE_14_5 Line: 655
MISRA_EXCEPTION_RULE_14_5 Line: 1221
MISRA_EXCEPTION_RULE_14_5 Line: 1257
MISRA_EXCEPTION_RULE_14_5 Line: 1298
MISRA_EXCEPTION_RULE_14_5 Line: 1312
MISRA_EXCEPTION_RULE_14_5 Line: 1379
MISRA_EXCEPTION_RULE_14_5 Line: 1419
MISRA_EXCEPTION_RULE_14_5 Line: 1526
MISRA_EXCEPTION_RULE_14_7 Line: 164
MISRA_EXCEPTION_RULE_14_7 Line: 188
MISRA_EXCEPTION_RULE_14_7 Line: 1541

MISRA_EXCEPTION_RULE_14_7 Line: 1550
MISRA_EXCEPTION_RULE_15_2 Line: 1345
MISRA_EXCEPTION_RULE_16_2 Line: 537
MISRA_EXCEPTION_RULE_16_7 Line: 1558
MISRA_EXCEPTION_RULE_19_7 Line: 140
MISRA_RESTORE Line: 143

EWL_C/src/secure_error.c

MISRA_EXCEPTION_RULE_16_2 Line: 27
MISRA_EXCEPTION_RULE_16_7 Line: 68
MISRA_EXCEPTION_RULE_16_7 Line: 76
MISRA_EXCEPTION_RULE_16_7 Line: 93
MISRA_EXCEPTION_RULE_19_6 Line: 9
MISRA_EXCEPTION_RULE_20_11 Line: 65
MISRA_RESTORE Line: 11

EWL_C/src/signal.c :

MISRA_EXCEPTION_RULE_11_3 Line: 35
MISRA_EXCEPTION_RULE_11_3 Line: 64
MISRA_EXCEPTION_RULE_11_3 Line: 71
MISRA_EXCEPTION_RULE_13_7 Line: 77
MISRA_EXCEPTION_RULE_14_7 Line: 36
MISRA_EXCEPTION_RULE_14_7 Line: 56
MISRA_EXCEPTION_RULE_14_7 Line: 73
MISRA_EXCEPTION_RULE_16_2 Line: 50
MISRA_EXCEPTION_RULE_20_11 Line: 79
MISRA_EXCEPTION_RULE_20_5 Line: 33

EWL_C/src/string.c

MISRA_ALLOW_POINTER_CASTS Line: 60
MISRA_EXCEPTION_RULE_10_1 Line: 153
MISRA_EXCEPTION_RULE_10_1 Line: 159

MISRA_EXCEPTION_RULE_10_1 Line: 222
MISRA_EXCEPTION_RULE_10_1 Line: 228
MISRA_EXCEPTION_RULE_10_1 Line: 244
MISRA_EXCEPTION_RULE_10_1 Line: 250
MISRA_EXCEPTION_RULE_10_1 Line: 261
MISRA_EXCEPTION_RULE_10_3 Line: 685
MISRA_EXCEPTION_RULE_10_3 Line: 895
MISRA_EXCEPTION_RULE_10_3 Line: 917
MISRA_EXCEPTION_RULE_10_3 Line: 948
MISRA_EXCEPTION_RULE_10_3 Line: 970
MISRA_EXCEPTION_RULE_11_3 Line: 146
MISRA_EXCEPTION_RULE_11_3 Line: 424
MISRA_EXCEPTION_RULE_12_4 Line: 1193
MISRA_EXCEPTION_RULE_12_4 Line: 1225
MISRA_EXCEPTION_RULE_12_4 Line: 1268
MISRA_EXCEPTION_RULE_13_1 Line: 116
MISRA_EXCEPTION_RULE_13_1 Line: 283
MISRA_EXCEPTION_RULE_13_1 Line: 299
MISRA_EXCEPTION_RULE_13_1 Line: 324
MISRA_EXCEPTION_RULE_13_1 Line: 336
MISRA_EXCEPTION_RULE_13_1 Line: 356
MISRA_EXCEPTION_RULE_13_1 Line: 375
MISRA_EXCEPTION_RULE_13_1 Line: 593
MISRA_EXCEPTION_RULE_13_1 Line: 609
MISRA_EXCEPTION_RULE_13_1 Line: 776
MISRA_EXCEPTION_RULE_13_1 Line: 797
MISRA_EXCEPTION_RULE_13_1 Line: 831
MISRA_EXCEPTION_RULE_13_1 Line: 838
MISRA_EXCEPTION_RULE_13_1 Line: 852
MISRA_EXCEPTION_RULE_13_1 Line: 859
MISRA_EXCEPTION_RULE_13_1 Line: 882
MISRA_EXCEPTION_RULE_13_1 Line: 889

MISRA_EXCEPTION_RULE_13_1 Line: 903
MISRA_EXCEPTION_RULE_13_1 Line: 910
MISRA_EXCEPTION_RULE_13_1 Line: 934
MISRA_EXCEPTION_RULE_13_1 Line: 941
MISRA_EXCEPTION_RULE_13_1 Line: 956
MISRA_EXCEPTION_RULE_13_1 Line: 963
MISRA_EXCEPTION_RULE_13_1 Line: 997
MISRA_EXCEPTION_RULE_13_1 Line: 1004
MISRA_EXCEPTION_RULE_13_1 Line: 1019
MISRA_EXCEPTION_RULE_13_1 Line: 1039
MISRA_EXCEPTION_RULE_13_1 Line: 1046
MISRA_EXCEPTION_RULE_13_1 Line: 1061
MISRA_EXCEPTION_RULE_13_1 Line: 1102
MISRA_EXCEPTION_RULE_13_1 Line: 1109
MISRA_EXCEPTION_RULE_13_1 Line: 1124
MISRA_EXCEPTION_RULE_13_1 Line: 1144
MISRA_EXCEPTION_RULE_13_1 Line: 1151
MISRA_EXCEPTION_RULE_13_1 Line: 1166
MISRA_EXCEPTION_RULE_13_1 Line: 1194
MISRA_EXCEPTION_RULE_13_1 Line: 1200
MISRA_EXCEPTION_RULE_13_1 Line: 1207
MISRA_EXCEPTION_RULE_13_1 Line: 1226
MISRA_EXCEPTION_RULE_13_1 Line: 1232
MISRA_EXCEPTION_RULE_13_1 Line: 1239
MISRA_EXCEPTION_RULE_14_4 Line: 148
MISRA_EXCEPTION_RULE_14_4 Line: 213
MISRA_EXCEPTION_RULE_14_4 Line: 236
MISRA_EXCEPTION_RULE_14_4 Line: 426
MISRA_EXCEPTION_RULE_14_4 Line: 466
MISRA_EXCEPTION_RULE_14_4 Line: 479
MISRA_EXCEPTION_RULE_14_4 Line: 488
MISRA_EXCEPTION_RULE_14_7 Line: 155

MISRA_EXCEPTION_RULE_14_7 Line: 161
MISRA_EXCEPTION_RULE_14_7 Line: 246
MISRA_EXCEPTION_RULE_14_7 Line: 252
MISRA_EXCEPTION_RULE_14_7 Line: 415
MISRA_EXCEPTION_RULE_14_7 Line: 432
MISRA_EXCEPTION_RULE_14_7 Line: 440
MISRA_EXCEPTION_RULE_14_7 Line: 444
MISRA_EXCEPTION_RULE_14_7 Line: 497
MISRA_EXCEPTION_RULE_14_7 Line: 502
MISRA_EXCEPTION_RULE_14_7 Line: 510
MISRA_EXCEPTION_RULE_14_7 Line: 514
MISRA_EXCEPTION_RULE_14_7 Line: 529
MISRA_EXCEPTION_RULE_14_7 Line: 555
MISRA_EXCEPTION_RULE_14_7 Line: 572
MISRA_EXCEPTION_RULE_14_7 Line: 596
MISRA_EXCEPTION_RULE_14_7 Line: 612
MISRA_EXCEPTION_RULE_14_7 Line: 681
MISRA_EXCEPTION_RULE_14_7 Line: 703
MISRA_EXCEPTION_RULE_14_7 Line: 784
MISRA_EXCEPTION_RULE_14_7 Line: 805
MISRA_EXCEPTION_RULE_14_7 Line: 841
MISRA_EXCEPTION_RULE_14_7 Line: 862
MISRA_EXCEPTION_RULE_14_7 Line: 1013
MISRA_EXCEPTION_RULE_14_7 Line: 1055
MISRA_EXCEPTION_RULE_14_7 Line: 1090
MISRA_EXCEPTION_RULE_14_7 Line: 1118
MISRA_EXCEPTION_RULE_14_7 Line: 1160
MISRA_EXCEPTION_RULE_14_7 Line: 1196
MISRA_EXCEPTION_RULE_14_7 Line: 1211
MISRA_EXCEPTION_RULE_14_7 Line: 1228
MISRA_EXCEPTION_RULE_14_7 Line: 1243
MISRA_EXCEPTION_RULE_14_7 Line: 1261

MISRA_EXCEPTION_RULE_14_7 Line: 1281
MISRA_EXCEPTION_RULE_14_7 Line: 1288
MISRA_EXCEPTION_RULE_14_7 Line: 1302
MISRA_EXCEPTION_RULE_14_7 Line: 1310
MISRA_EXCEPTION_RULE_14_7 Line: 1316
MISRA_EXCEPTION_RULE_14_7 Line: 1331
MISRA_EXCEPTION_RULE_14_7 Line: 1339
MISRA_EXCEPTION_RULE_14_7 Line: 1346
MISRA_EXCEPTION_RULE_14_7 Line: 1361
MISRA_EXCEPTION_RULE_14_7 Line: 1369
MISRA_EXCEPTION_RULE_14_7 Line: 1377
MISRA_EXCEPTION_RULE_14_7 Line: 1383
MISRA_EXCEPTION_RULE_14_7 Line: 1409
MISRA_EXCEPTION_RULE_14_7 Line: 1429
MISRA_EXCEPTION_RULE_17_3 Line: 708
MISRA_EXCEPTION_RULE_17_3 Line: 712
MISRA_EXCEPTION_RULE_17_3 Line: 735
MISRA_EXCEPTION_RULE_17_3 Line: 740
MISRA_EXCEPTION_RULE_17_3 Line: 746
MISRA_EXCEPTION_RULE_17_3 Line: 896
MISRA_EXCEPTION_RULE_17_3 Line: 918
MISRA_EXCEPTION_RULE_17_3 Line: 949
MISRA_EXCEPTION_RULE_17_3 Line: 971
MISRA_EXCEPTION_RULE_17_3 Line: 1269
MISRA_EXCEPTION_RULE_19_6 Line: 44
MISRA_EXCEPTION_RULE_19_7 Line: 816
MISRA_EXCEPTION_RULE_1_2a Line: 1412
MISRA_EXCEPTION_RULE_1_2b Line: 553
MISRA_EXCEPTION_RULE_1_2b Line: 570
MISRA_EXCEPTION_RULE_1_2b Line: 1206
MISRA_EXCEPTION_RULE_1_2b Line: 1238
MISRA_EXCEPTION_RULE_20_4 Line: 636

MISRA_EXCEPTION_RULE_20_4 Line: 638
MISRA_EXCEPTION_RULE_20_4 Line: 645
MISRA_EXCEPTION_RULE_20_4 Line: 647
MISRA_EXCEPTION_RULE_20_4 Line: 686
MISRA_EXCEPTION_RULE_20_4 Line: 692
MISRA_EXCEPTION_RULE_20_4 Line: 694
MISRA_EXCEPTION_RULE_20_4 Line: 697
MISRA_EXCEPTION_RULE_20_4 Line: 752
MISRA_EXCEPTION_RULE_20_4 Line: 754
MISRA_EXCEPTION_RULE_20_4 Line: 760
MISRA_EXCEPTION_RULE_20_9 Line: 53
MISRA_RESTORE Line: 46
MISRA_RESTORE Line: 819

EWL_C/src/strtol.c

MISRA_EXCEPTION_RULE_10_3 Line: 728
MISRA_EXCEPTION_RULE_10_3 Line: 816
MISRA_EXCEPTION_RULE_10_3 Line: 896
MISRA_EXCEPTION_RULE_10_5 Line: 863
MISRA_EXCEPTION_RULE_10_5 Line: 889
MISRA_EXCEPTION_RULE_11_4 Line: 811
MISRA_EXCEPTION_RULE_11_4 Line: 947
MISRA_EXCEPTION_RULE_11_4 Line: 965
MISRA_EXCEPTION_RULE_11_4 Line: 969
MISRA_EXCEPTION_RULE_11_4 Line: 990
MISRA_EXCEPTION_RULE_11_4 Line: 994
MISRA_EXCEPTION_RULE_11_4 Line: 1017
MISRA_EXCEPTION_RULE_11_4 Line: 1021
MISRA_EXCEPTION_RULE_12_4 Line: 345
MISRA_EXCEPTION_RULE_12_4 Line: 370
MISRA_EXCEPTION_RULE_12_4 Line: 377
MISRA_EXCEPTION_RULE_12_4 Line: 723

MISRA_EXCEPTION_RULE_13_7 Line: 852
MISRA_EXCEPTION_RULE_13_7 Line: 915
MISRA_EXCEPTION_RULE_13_7 Line: 919
MISRA_EXCEPTION_RULE_13_7 Line: 923
MISRA_EXCEPTION_RULE_14_7 Line: 357
MISRA_EXCEPTION_RULE_14_7 Line: 405
MISRA_EXCEPTION_RULE_14_7 Line: 740
MISRA_EXCEPTION_RULE_14_7 Line: 750
MISRA_EXCEPTION_RULE_14_7 Line: 754
MISRA_EXCEPTION_RULE_14_7 Line: 757
MISRA_EXCEPTION_RULE_14_7 Line: 804
MISRA_EXCEPTION_RULE_14_7 Line: 837
MISRA_EXCEPTION_RULE_14_7 Line: 902
MISRA_EXCEPTION_RULE_14_7 Line: 949
MISRA_EXCEPTION_RULE_15_2 Line: 315
MISRA_EXCEPTION_RULE_16_2 Line: 256
MISRA_EXCEPTION_RULE_17_3 Line: 860
MISRA_EXCEPTION_RULE_19_7 Line: 232
MISRA_EXCEPTION_RULE_20_5 Line: 767
MISRA_EXCEPTION_RULE_20_5 Line: 772
MISRA_EXCEPTION_RULE_20_5 Line: 974
MISRA_EXCEPTION_RULE_20_5 Line: 999
MISRA_EXCEPTION_RULE_20_5 Line: 1026
MISRA_RESTORE Line: 254

EWL_C/src/strtoul.c

MISRA_ALLOW_POINTER_CASTS Line: 87
MISRA_EXCEPTION_RULE_10_3 Line: 277
MISRA_EXCEPTION_RULE_10_3 Line: 356
MISRA_EXCEPTION_RULE_12_4 Line: 196
MISRA_EXCEPTION_RULE_12_4 Line: 454
MISRA_EXCEPTION_RULE_12_7 Line: 303

MISRA_EXCEPTION_RULE_12_7 Line: 532
MISRA_EXCEPTION_RULE_16_2 Line: 108
MISRA_EXCEPTION_RULE_19_7 Line: 98
MISRA_EXCEPTION_RULE_20_5 Line: 273
MISRA_EXCEPTION_RULE_20_5 Line: 307
MISRA_EXCEPTION_RULE_20_5 Line: 316
MISRA_EXCEPTION_RULE_20_5 Line: 352
MISRA_EXCEPTION_RULE_20_5 Line: 538
MISRA_EXCEPTION_RULE_20_5 Line: 546
MISRA_EXCEPTION_RULE_20_9 Line: 80
MISRA_RESTORE Line: 106

EWL_C/src/sun_math/Double_precision/ e_acos.c

MISRA_EXCEPTION_RULE_12_7 Line: 73
MISRA_EXCEPTION_RULE_12_7 Line: 76
MISRA_EXCEPTION_RULE_13_7 Line: 88
MISRA_EXCEPTION_RULE_13_7 Line: 93
MISRA_EXCEPTION_RULE_14_7 Line: 79
MISRA_EXCEPTION_RULE_14_7 Line: 82
MISRA_EXCEPTION_RULE_14_7 Line: 105
MISRA_EXCEPTION_RULE_14_7 Line: 111
MISRA_EXCEPTION_RULE_14_7 Line: 118
MISRA_EXCEPTION_RULE_14_7 Line: 127
MISRA_EXCEPTION_RULE_14_7 Line: 139
MISRA_EXCEPTION_RULE_20_5 Line: 90
MISRA_EXCEPTION_RULE_20_5 Line: 95
MISRA_EXCEPTION_RULE_20_5 Line: 100

EWL_C/src/sun_math/Double_precision/ e_acosh.c

MISRA_EXCEPTION_RULE_12_7 Line: 55

MISRA_EXCEPTION_RULE_13_7 Line: 58
MISRA_EXCEPTION_RULE_13_7 Line: 63
MISRA_EXCEPTION_RULE_14_7 Line: 69
MISRA_EXCEPTION_RULE_14_7 Line: 73
MISRA_EXCEPTION_RULE_14_7 Line: 76
MISRA_EXCEPTION_RULE_14_7 Line: 80
MISRA_EXCEPTION_RULE_14_7 Line: 84
MISRA_EXCEPTION_RULE_14_7 Line: 88
MISRA_EXCEPTION_RULE_20_5 Line: 60
MISRA_EXCEPTION_RULE_20_5 Line: 65

EWL_C/src/sun_math/Double_precision/ e_asin.c

MISRA_EXCEPTION_RULE_12_7 Line: 82
MISRA_EXCEPTION_RULE_12_7 Line: 86
MISRA_EXCEPTION_RULE_13_7 Line: 93
MISRA_EXCEPTION_RULE_13_7 Line: 98
MISRA_EXCEPTION_RULE_14_7 Line: 89
MISRA_EXCEPTION_RULE_14_7 Line: 110
MISRA_EXCEPTION_RULE_14_7 Line: 119
MISRA_EXCEPTION_RULE_14_7 Line: 130
MISRA_EXCEPTION_RULE_14_7 Line: 153
MISRA_EXCEPTION_RULE_14_7 Line: 156
MISRA_EXCEPTION_RULE_20_5 Line: 95
MISRA_EXCEPTION_RULE_20_5 Line: 100
MISRA_EXCEPTION_RULE_20_5 Line: 105

EWL_C/src/sun_math/Double_precision/ e_atan2.c

MISRA_EXCEPTION_RULE_10_3 Line: 78
MISRA_EXCEPTION_RULE_10_3 Line: 84
MISRA_EXCEPTION_RULE_12_7 Line: 71

MISRA_EXCEPTION_RULE_12_7 Line: 75
MISRA_EXCEPTION_RULE_12_7 Line: 90
MISRA_EXCEPTION_RULE_12_7 Line: 109
MISRA_EXCEPTION_RULE_12_7 Line: 126
MISRA_EXCEPTION_RULE_12_7 Line: 175
MISRA_EXCEPTION_RULE_12_7 Line: 189
MISRA_EXCEPTION_RULE_13_7 Line: 95
MISRA_EXCEPTION_RULE_13_7 Line: 100
MISRA_EXCEPTION_RULE_14_7 Line: 81
MISRA_EXCEPTION_RULE_14_7 Line: 86
MISRA_EXCEPTION_RULE_14_7 Line: 114
MISRA_EXCEPTION_RULE_14_7 Line: 117
MISRA_EXCEPTION_RULE_14_7 Line: 120
MISRA_EXCEPTION_RULE_14_7 Line: 128
MISRA_EXCEPTION_RULE_14_7 Line: 137
MISRA_EXCEPTION_RULE_14_7 Line: 140
MISRA_EXCEPTION_RULE_14_7 Line: 143
MISRA_EXCEPTION_RULE_14_7 Line: 146
MISRA_EXCEPTION_RULE_14_7 Line: 153
MISRA_EXCEPTION_RULE_14_7 Line: 156
MISRA_EXCEPTION_RULE_14_7 Line: 159
MISRA_EXCEPTION_RULE_14_7 Line: 162
MISRA_EXCEPTION_RULE_14_7 Line: 170
MISRA_EXCEPTION_RULE_14_7 Line: 186
MISRA_EXCEPTION_RULE_14_7 Line: 191
MISRA_EXCEPTION_RULE_14_7 Line: 194
MISRA_EXCEPTION_RULE_14_7 Line: 197
MISRA_EXCEPTION_RULE_20_5 Line: 97
MISRA_EXCEPTION_RULE_20_5 Line: 102

EWL_C/src/sun_math/Double_precision/ e_atanh.c

MISRA_EXCEPTION_RULE_10_3 Line: 62
MISRA_EXCEPTION_RULE_12_7 Line: 60
MISRA_EXCEPTION_RULE_13_7 Line: 66
MISRA_EXCEPTION_RULE_13_7 Line: 71
MISRA_EXCEPTION_RULE_13_7 Line: 86
MISRA_EXCEPTION_RULE_14_7 Line: 80
MISRA_EXCEPTION_RULE_14_7 Line: 96
MISRA_EXCEPTION_RULE_14_7 Line: 100
MISRA_EXCEPTION_RULE_14_7 Line: 111
MISRA_EXCEPTION_RULE_14_7 Line: 114
MISRA_EXCEPTION_RULE_20_5 Line: 68
MISRA_EXCEPTION_RULE_20_5 Line: 73
MISRA_EXCEPTION_RULE_20_5 Line: 77
MISRA_EXCEPTION_RULE_20_5 Line: 88

EWL_C/src/sun_math/Double_precision/ e_cosh.c

MISRA_EXCEPTION_RULE_11_4 Line: 93
MISRA_EXCEPTION_RULE_13_7 Line: 105
MISRA_EXCEPTION_RULE_14_7 Line: 62
MISRA_EXCEPTION_RULE_14_7 Line: 71
MISRA_EXCEPTION_RULE_14_7 Line: 74
MISRA_EXCEPTION_RULE_14_7 Line: 81
MISRA_EXCEPTION_RULE_14_7 Line: 87
MISRA_EXCEPTION_RULE_14_7 Line: 99
MISRA_EXCEPTION_RULE_1_2c Line: 92
MISRA_EXCEPTION_RULE_20_5 Line: 107

EWL_C/src/sun_math/Double_precision/ e_exp.c

MISRA_EXCEPTION_RULE_12_7 Line: 190
MISRA_EXCEPTION_RULE_13_7 Line: 133
MISRA_EXCEPTION_RULE_13_7 Line: 144
MISRA_EXCEPTION_RULE_14_7 Line: 123
MISRA_EXCEPTION_RULE_14_7 Line: 127
MISRA_EXCEPTION_RULE_14_7 Line: 139
MISRA_EXCEPTION_RULE_14_7 Line: 150
MISRA_EXCEPTION_RULE_14_7 Line: 170
MISRA_EXCEPTION_RULE_14_7 Line: 184
MISRA_EXCEPTION_RULE_14_7 Line: 193
MISRA_EXCEPTION_RULE_14_7 Line: 197
MISRA_EXCEPTION_RULE_20_5 Line: 135
MISRA_EXCEPTION_RULE_20_5 Line: 146
MISRA_EXCEPTION_RULE_9_1 Line: 182

EWL_C/src/sun_math/Double_precision/ e_fmod.c

MISRA_EXCEPTION_RULE_10_3 Line: 32
MISRA_EXCEPTION_RULE_12_7 Line: 33
MISRA_EXCEPTION_RULE_13_7 Line: 59
MISRA_EXCEPTION_RULE_13_7 Line: 64
MISRA_EXCEPTION_RULE_14_7 Line: 71
MISRA_EXCEPTION_RULE_14_7 Line: 76
MISRA_EXCEPTION_RULE_14_7 Line: 80
MISRA_EXCEPTION_RULE_14_7 Line: 155
MISRA_EXCEPTION_RULE_14_7 Line: 168
MISRA_EXCEPTION_RULE_20_5 Line: 61
MISRA_EXCEPTION_RULE_20_5 Line: 66

EWL_C/src/sun_math/Double_precision/ e_hypot.c

MISRA_EXCEPTION_RULE_12_7 Line: 128
MISRA_EXCEPTION_RULE_14_7 Line: 73
MISRA_EXCEPTION_RULE_14_7 Line: 82
MISRA_EXCEPTION_RULE_14_7 Line: 93
MISRA_EXCEPTION_RULE_14_7 Line: 130
MISRA_EXCEPTION_RULE_14_7 Line: 133

EWL_C/src/sun_math/Double_precision/ e_lgamma_r.c

MISRA_EXCEPTION_RULE_13_3 Line: 185
MISRA_EXCEPTION_RULE_13_3 Line: 233
MISRA_EXCEPTION_RULE_13_3 Line: 275
MISRA_EXCEPTION_RULE_13_7 Line: 230
MISRA_EXCEPTION_RULE_14_7 Line: 175
MISRA_EXCEPTION_RULE_14_7 Line: 252
MISRA_EXCEPTION_RULE_14_7 Line: 256
MISRA_EXCEPTION_RULE_14_7 Line: 262
MISRA_EXCEPTION_RULE_14_7 Line: 265
MISRA_EXCEPTION_RULE_14_7 Line: 271
MISRA_EXCEPTION_RULE_14_7 Line: 277
MISRA_EXCEPTION_RULE_20_5 Line: 235
MISRA_EXCEPTION_RULE_20_5 Line: 239

EWL_C/src/sun_math/Double_precision/ e_log.c

MISRA_EXCEPTION_RULE_12_7 Line: 144
MISRA_EXCEPTION_RULE_12_7 Line: 183
MISRA_EXCEPTION_RULE_13_3 Line: 154
MISRA_EXCEPTION_RULE_13_7 Line: 106
MISRA_EXCEPTION_RULE_13_7 Line: 118

MISRA_EXCEPTION_RULE_13_7 Line: 123
MISRA_EXCEPTION_RULE_14_7 Line: 112
MISRA_EXCEPTION_RULE_14_7 Line: 134
MISRA_EXCEPTION_RULE_14_7 Line: 141
MISRA_EXCEPTION_RULE_14_7 Line: 157
MISRA_EXCEPTION_RULE_14_7 Line: 161
MISRA_EXCEPTION_RULE_14_7 Line: 167
MISRA_EXCEPTION_RULE_14_7 Line: 171
MISRA_EXCEPTION_RULE_14_7 Line: 189
MISRA_EXCEPTION_RULE_14_7 Line: 192
MISRA_EXCEPTION_RULE_14_7 Line: 197
MISRA_EXCEPTION_RULE_14_7 Line: 200
MISRA_EXCEPTION_RULE_20_5 Line: 108
MISRA_EXCEPTION_RULE_20_5 Line: 120
MISRA_EXCEPTION_RULE_20_5 Line: 125
MISRA_EXCEPTION_RULE_20_5 Line: 130

EWL_C/src/sun_math/Double_precision/ e_log10.c

MISRA_EXCEPTION_RULE_10_3 Line: 129
MISRA_EXCEPTION_RULE_12_7 Line: 126
MISRA_EXCEPTION_RULE_13_7 Line: 83
MISRA_EXCEPTION_RULE_13_7 Line: 100
MISRA_EXCEPTION_RULE_13_7 Line: 105
MISRA_EXCEPTION_RULE_14_7 Line: 94
MISRA_EXCEPTION_RULE_14_7 Line: 116
MISRA_EXCEPTION_RULE_14_7 Line: 123
MISRA_EXCEPTION_RULE_20_5 Line: 85
MISRA_EXCEPTION_RULE_20_5 Line: 90
MISRA_EXCEPTION_RULE_20_5 Line: 102
MISRA_EXCEPTION_RULE_20_5 Line: 107
MISRA_EXCEPTION_RULE_20_5 Line: 112

EWL_C/src/sun_math/Double_precision/ e_pow.c

MISRA_EXCEPTION_RULE_10_3 Line: 263
MISRA_EXCEPTION_RULE_10_3 Line: 327
MISRA_EXCEPTION_RULE_10_3 Line: 384
MISRA_EXCEPTION_RULE_10_3 Line: 413
MISRA_EXCEPTION_RULE_10_3 Line: 416
MISRA_EXCEPTION_RULE_12_4 Line: 121
MISRA_EXCEPTION_RULE_12_7 Line: 266
MISRA_EXCEPTION_RULE_12_7 Line: 373
MISRA_EXCEPTION_RULE_12_7 Line: 437
MISRA_EXCEPTION_RULE_12_7 Line: 439
MISRA_EXCEPTION_RULE_13_3 Line: 115
MISRA_EXCEPTION_RULE_13_3 Line: 120
MISRA_EXCEPTION_RULE_13_7 Line: 134
MISRA_EXCEPTION_RULE_13_7 Line: 139
MISRA_EXCEPTION_RULE_13_7 Line: 146
MISRA_EXCEPTION_RULE_13_7 Line: 151
MISRA_EXCEPTION_RULE_13_7 Line: 170
MISRA_EXCEPTION_RULE_13_7 Line: 270
MISRA_EXCEPTION_RULE_13_7 Line: 275
MISRA_EXCEPTION_RULE_14_7 Line: 117
MISRA_EXCEPTION_RULE_14_7 Line: 123
MISRA_EXCEPTION_RULE_14_7 Line: 161
MISRA_EXCEPTION_RULE_14_7 Line: 181
MISRA_EXCEPTION_RULE_14_7 Line: 213
MISRA_EXCEPTION_RULE_14_7 Line: 216
MISRA_EXCEPTION_RULE_14_7 Line: 219
MISRA_EXCEPTION_RULE_14_7 Line: 226
MISRA_EXCEPTION_RULE_14_7 Line: 229
MISRA_EXCEPTION_RULE_14_7 Line: 234
MISRA_EXCEPTION_RULE_14_7 Line: 239

MISRA_EXCEPTION_RULE_14_7 Line: 258
MISRA_EXCEPTION_RULE_14_7 Line: 286
MISRA_EXCEPTION_RULE_14_7 Line: 294
MISRA_EXCEPTION_RULE_14_7 Line: 298
MISRA_EXCEPTION_RULE_14_7 Line: 304
MISRA_EXCEPTION_RULE_14_7 Line: 308
MISRA_EXCEPTION_RULE_14_7 Line: 387
MISRA_EXCEPTION_RULE_14_7 Line: 391
MISRA_EXCEPTION_RULE_14_7 Line: 398
MISRA_EXCEPTION_RULE_14_7 Line: 402
MISRA_EXCEPTION_RULE_20_5 Line: 136
MISRA_EXCEPTION_RULE_20_5 Line: 141
MISRA_EXCEPTION_RULE_20_5 Line: 148
MISRA_EXCEPTION_RULE_20_5 Line: 153
MISRA_EXCEPTION_RULE_20_5 Line: 172
MISRA_EXCEPTION_RULE_20_5 Line: 177
MISRA_EXCEPTION_RULE_20_5 Line: 272
MISRA_EXCEPTION_RULE_20_5 Line: 277
MISRA_EXCEPTION_RULE_20_5 Line: 282

EWL_C/src/sun_math/Double_precision/ e_rem_pio2.c

MISRA_EXCEPTION_RULE_12_7 Line: 96
MISRA_EXCEPTION_RULE_12_7 Line: 141
MISRA_EXCEPTION_RULE_12_7 Line: 144
MISRA_EXCEPTION_RULE_12_7 Line: 152
MISRA_EXCEPTION_RULE_12_7 Line: 184
MISRA_EXCEPTION_RULE_12_7 Line: 186
MISRA_EXCEPTION_RULE_13_3 Line: 194
MISRA_EXCEPTION_RULE_14_7 Line: 101
MISRA_EXCEPTION_RULE_14_7 Line: 115
MISRA_EXCEPTION_RULE_14_7 Line: 127

MISRA_EXCEPTION_RULE_14_7 Line: 167
MISRA_EXCEPTION_RULE_14_7 Line: 170
MISRA_EXCEPTION_RULE_14_7 Line: 179
MISRA_EXCEPTION_RULE_14_7 Line: 200

EWL_C/src/sun_math/Double_precision/ e_remainder.c

MISRA_EXCEPTION_RULE_13_7 Line: 57
MISRA_EXCEPTION_RULE_13_7 Line: 62
MISRA_EXCEPTION_RULE_14_7 Line: 68
MISRA_EXCEPTION_RULE_14_7 Line: 74
MISRA_EXCEPTION_RULE_14_7 Line: 81
MISRA_EXCEPTION_RULE_20_5 Line: 59
MISRA_EXCEPTION_RULE_20_5 Line: 64

EWL_C/src/sun_math/Double_precision/ e_sinh.c

MISRA_EXCEPTION_RULE_11_4 Line: 90
MISRA_EXCEPTION_RULE_13_7 Line: 101
MISRA_EXCEPTION_RULE_14_7 Line: 59
MISRA_EXCEPTION_RULE_14_7 Line: 69
MISRA_EXCEPTION_RULE_14_7 Line: 75
MISRA_EXCEPTION_RULE_14_7 Line: 78
MISRA_EXCEPTION_RULE_14_7 Line: 84
MISRA_EXCEPTION_RULE_14_7 Line: 95
MISRA_EXCEPTION_RULE_1_2c Line: 89
MISRA_EXCEPTION_RULE_20_5 Line: 103

EWL_C/src/sun_math/Double_precision/ e_sqrt.c

MISRA_EXCEPTION_RULE_10_3 Line: 169
MISRA_EXCEPTION_RULE_12_7 Line: 190

MISRA_EXCEPTION_RULE_13_7 Line: 119
MISRA_EXCEPTION_RULE_13_7 Line: 124
MISRA_EXCEPTION_RULE_13_7 Line: 147
MISRA_EXCEPTION_RULE_13_7 Line: 152
MISRA_EXCEPTION_RULE_14_7 Line: 135
MISRA_EXCEPTION_RULE_14_7 Line: 143
MISRA_EXCEPTION_RULE_14_7 Line: 163
MISRA_EXCEPTION_RULE_20_5 Line: 121
MISRA_EXCEPTION_RULE_20_5 Line: 131
MISRA_EXCEPTION_RULE_20_5 Line: 149
MISRA_EXCEPTION_RULE_20_5 Line: 154
MISRA_EXCEPTION_RULE_20_5 Line: 159

EWL_C/src/sun_math/Double_precision/ fminmaxdim.c

MISRA_EXCEPTION_RULE_14_7 Line: 16
MISRA_EXCEPTION_RULE_14_7 Line: 20
MISRA_EXCEPTION_RULE_14_7 Line: 26
MISRA_EXCEPTION_RULE_14_7 Line: 30
MISRA_EXCEPTION_RULE_14_7 Line: 38
MISRA_EXCEPTION_RULE_14_7 Line: 42
MISRA_EXCEPTION_RULE_14_7 Line: 48
MISRA_EXCEPTION_RULE_14_7 Line: 52
MISRA_EXCEPTION_RULE_14_7 Line: 61
MISRA_EXCEPTION_RULE_14_7 Line: 65
MISRA_EXCEPTION_RULE_14_7 Line: 71
MISRA_EXCEPTION_RULE_14_7 Line: 75

EWL_C/src/sun_math/Double_precision/ k_cos.c

MISRA_EXCEPTION_RULE_14_7 Line: 78
MISRA_EXCEPTION_RULE_14_7 Line: 85

MISRA_EXCEPTION_RULE_14_7 Line: 96

EWL_C/src/sun_math/Double_precision/ k_rem_pio2.c

MISRA_EXCEPTION_RULE_10_3 Line: 206
MISRA_EXCEPTION_RULE_10_3 Line: 294
MISRA_EXCEPTION_RULE_10_3 Line: 356
MISRA_EXCEPTION_RULE_12_7 Line: 224
MISRA_EXCEPTION_RULE_12_7 Line: 249
MISRA_EXCEPTION_RULE_12_7 Line: 268
MISRA_EXCEPTION_RULE_13_3 Line: 269
MISRA_EXCEPTION_RULE_14_4 Line: 282
MISRA_EXCEPTION_RULE_9_1 Line: 191
MISRA_EXCEPTION_RULE_9_1 Line: 204
MISRA_EXCEPTION_RULE_9_1 Line: 223
MISRA_EXCEPTION_RULE_9_1 Line: 322

EWL_C/src/sun_math/Double_precision/ k_sin.c

MISRA_EXCEPTION_RULE_14_7 Line: 70
MISRA_EXCEPTION_RULE_14_7 Line: 77
MISRA_EXCEPTION_RULE_14_7 Line: 81

EWL_C/src/sun_math/Double_precision/ k_standard.c

MISRA_EXCEPTION_RULE_13_3 Line: 496
MISRA_EXCEPTION_RULE_13_3 Line: 501
MISRA_EXCEPTION_RULE_19_7 Line: 19
MISRA_EXCEPTION_RULE_20_5 Line: 111
MISRA_EXCEPTION_RULE_20_5 Line: 117
MISRA_EXCEPTION_RULE_20_5 Line: 128
MISRA_EXCEPTION_RULE_20_5 Line: 134

MISRA_EXCEPTION_RULE_20_5 Line: 147
MISRA_EXCEPTION_RULE_20_5 Line: 153
MISRA_EXCEPTION_RULE_20_5 Line: 168
MISRA_EXCEPTION_RULE_20_5 Line: 171
MISRA_EXCEPTION_RULE_20_5 Line: 186
MISRA_EXCEPTION_RULE_20_5 Line: 189
MISRA_EXCEPTION_RULE_20_5 Line: 204
MISRA_EXCEPTION_RULE_20_5 Line: 207
MISRA_EXCEPTION_RULE_20_5 Line: 218
MISRA_EXCEPTION_RULE_20_5 Line: 221
MISRA_EXCEPTION_RULE_20_5 Line: 236
MISRA_EXCEPTION_RULE_20_5 Line: 242
MISRA_EXCEPTION_RULE_20_5 Line: 257
MISRA_EXCEPTION_RULE_20_5 Line: 263
MISRA_EXCEPTION_RULE_20_5 Line: 278
MISRA_EXCEPTION_RULE_20_5 Line: 284
MISRA_EXCEPTION_RULE_20_5 Line: 299
MISRA_EXCEPTION_RULE_20_5 Line: 305
MISRA_EXCEPTION_RULE_20_5 Line: 320
MISRA_EXCEPTION_RULE_20_5 Line: 326
MISRA_EXCEPTION_RULE_20_5 Line: 341
MISRA_EXCEPTION_RULE_20_5 Line: 347
MISRA_EXCEPTION_RULE_20_5 Line: 362
MISRA_EXCEPTION_RULE_20_5 Line: 365
MISRA_EXCEPTION_RULE_20_5 Line: 380
MISRA_EXCEPTION_RULE_20_5 Line: 386
MISRA_EXCEPTION_RULE_20_5 Line: 401
MISRA_EXCEPTION_RULE_20_5 Line: 407
MISRA_EXCEPTION_RULE_20_5 Line: 421
MISRA_EXCEPTION_RULE_20_5 Line: 427
MISRA_EXCEPTION_RULE_20_5 Line: 442
MISRA_EXCEPTION_RULE_20_5 Line: 448

MISRA_EXCEPTION_RULE_20_5 Line: 463
MISRA_EXCEPTION_RULE_20_5 Line: 469
MISRA_EXCEPTION_RULE_20_5 Line: 484
MISRA_EXCEPTION_RULE_20_5 Line: 505
MISRA_EXCEPTION_RULE_20_5 Line: 508
MISRA_EXCEPTION_RULE_20_5 Line: 519
MISRA_EXCEPTION_RULE_20_5 Line: 522
MISRA_EXCEPTION_RULE_20_5 Line: 537
MISRA_EXCEPTION_RULE_20_5 Line: 543
MISRA_EXCEPTION_RULE_20_5 Line: 558
MISRA_EXCEPTION_RULE_20_5 Line: 564
MISRA_EXCEPTION_RULE_20_5 Line: 578
MISRA_EXCEPTION_RULE_20_5 Line: 581
MISRA_EXCEPTION_RULE_20_5 Line: 595
MISRA_EXCEPTION_RULE_20_5 Line: 601
MISRA_EXCEPTION_RULE_20_5 Line: 615
MISRA_EXCEPTION_RULE_20_5 Line: 621
MISRA_EXCEPTION_RULE_20_5 Line: 632
MISRA_EXCEPTION_RULE_20_5 Line: 638
MISRA_EXCEPTION_RULE_20_5 Line: 649
MISRA_EXCEPTION_RULE_20_5 Line: 655
MISRA_EXCEPTION_RULE_20_5 Line: 666
MISRA_EXCEPTION_RULE_20_5 Line: 672
MISRA_EXCEPTION_RULE_20_5 Line: 682
MISRA_EXCEPTION_RULE_20_5 Line: 688
MISRA_EXCEPTION_RULE_20_5 Line: 698
MISRA_EXCEPTION_RULE_20_5 Line: 701
MISRA_EXCEPTION_RULE_20_5 Line: 712
MISRA_EXCEPTION_RULE_20_5 Line: 715
MISRA_EXCEPTION_RULE_20_5 Line: 726
MISRA_EXCEPTION_RULE_20_5 Line: 733
MISRA_EXCEPTION_RULE_20_5 Line: 744

MISRA_EXCEPTION_RULE_20_5 Line: 751
MISRA_EXCEPTION_RULE_20_5 Line: 762
MISRA_EXCEPTION_RULE_20_5 Line: 769
MISRA_EXCEPTION_RULE_20_5 Line: 780
MISRA_EXCEPTION_RULE_20_5 Line: 787
MISRA_EXCEPTION_RULE_20_5 Line: 798
MISRA_EXCEPTION_RULE_20_5 Line: 805
MISRA_EXCEPTION_RULE_20_5 Line: 816
MISRA_EXCEPTION_RULE_20_5 Line: 823
MISRA_EXCEPTION_RULE_20_5 Line: 838
MISRA_EXCEPTION_RULE_20_5 Line: 841
MISRA_EXCEPTION_RULE_20_5 Line: 856
MISRA_EXCEPTION_RULE_20_5 Line: 862
MISRA_EXCEPTION_RULE_20_5 Line: 877
MISRA_RESTORE Line: 32

EWL_C/src/sun_math/Double_precision/ k_tan.c

MISRA_EXCEPTION_RULE_10_3 Line: 89
MISRA_EXCEPTION_RULE_12_7 Line: 119
MISRA_EXCEPTION_RULE_14_7 Line: 91
MISRA_EXCEPTION_RULE_14_7 Line: 94
MISRA_EXCEPTION_RULE_14_7 Line: 120
MISRA_EXCEPTION_RULE_14_7 Line: 124
MISRA_EXCEPTION_RULE_14_7 Line: 136

EWL_C/src/sun_math/Double_precision/ s_asinh.c

MISRA_EXCEPTION_RULE_14_7 Line: 52
MISRA_EXCEPTION_RULE_14_7 Line: 57
MISRA_EXCEPTION_RULE_14_7 Line: 72
MISRA_EXCEPTION_RULE_14_7 Line: 75

MISRA_EXCEPTION_RULE_1_2b Line: 68

EWL_C/src/sun_math/Double_precision/ s_atan.c

MISRA_EXCEPTION_RULE_14_7 Line: 100
MISRA_EXCEPTION_RULE_14_7 Line: 104
MISRA_EXCEPTION_RULE_14_7 Line: 107
MISRA_EXCEPTION_RULE_14_7 Line: 113
MISRA_EXCEPTION_RULE_14_7 Line: 141
MISRA_EXCEPTION_RULE_14_7 Line: 145

EWL_C/src/sun_math/Double_precision/ s_cbrt.c

MISRA_EXCEPTION_RULE_12_7 Line: 54
MISRA_EXCEPTION_RULE_14_7 Line: 57
MISRA_EXCEPTION_RULE_14_7 Line: 61

EWL_C/src/sun_math/Double_precision/ s_ceil.c

MISRA_EXCEPTION_RULE_10_1 Line: 46
MISRA_EXCEPTION_RULE_12_7 Line: 63
MISRA_EXCEPTION_RULE_12_7 Line: 66
MISRA_EXCEPTION_RULE_12_7 Line: 91
MISRA_EXCEPTION_RULE_12_7 Line: 97
MISRA_EXCEPTION_RULE_14_7 Line: 58
MISRA_EXCEPTION_RULE_14_7 Line: 73
MISRA_EXCEPTION_RULE_14_7 Line: 77
MISRA_EXCEPTION_RULE_14_7 Line: 83

EWL_C/src/sun_math/Double_precision/ s_copysign.c

MISRA_EXCEPTION_RULE_12_7 Line: 31

EWL_C/src/sun_math/Double_precision/ s_cos.c

MISRA_EXCEPTION_RULE_14_7 Line: 66
MISRA_EXCEPTION_RULE_14_7 Line: 71
MISRA_EXCEPTION_RULE_14_7 Line: 82
MISRA_EXCEPTION_RULE_14_7 Line: 85
MISRA_EXCEPTION_RULE_14_7 Line: 92
MISRA_EXCEPTION_RULE_14_7 Line: 95
MISRA_EXCEPTION_RULE_14_7 Line: 102
MISRA_EXCEPTION_RULE_14_7 Line: 105
MISRA_EXCEPTION_RULE_14_7 Line: 112
MISRA_EXCEPTION_RULE_14_7 Line: 115

EWL_C/src/sun_math/Double_precision/ s_erf.c

MISRA_EXCEPTION_RULE_14_7 Line: 210
MISRA_EXCEPTION_RULE_14_7 Line: 213
MISRA_EXCEPTION_RULE_14_7 Line: 221
MISRA_EXCEPTION_RULE_14_7 Line: 224
MISRA_EXCEPTION_RULE_14_7 Line: 231
MISRA_EXCEPTION_RULE_14_7 Line: 239
MISRA_EXCEPTION_RULE_14_7 Line: 242
MISRA_EXCEPTION_RULE_14_7 Line: 248
MISRA_EXCEPTION_RULE_14_7 Line: 251
MISRA_EXCEPTION_RULE_14_7 Line: 273
MISRA_EXCEPTION_RULE_14_7 Line: 276
MISRA_EXCEPTION_RULE_14_7 Line: 298
MISRA_EXCEPTION_RULE_14_7 Line: 301
MISRA_EXCEPTION_RULE_14_7 Line: 308
MISRA_EXCEPTION_RULE_14_7 Line: 316
MISRA_EXCEPTION_RULE_14_7 Line: 321
MISRA_EXCEPTION_RULE_14_7 Line: 331

MISRA_EXCEPTION_RULE_14_7 Line: 335
MISRA_EXCEPTION_RULE_14_7 Line: 349
MISRA_EXCEPTION_RULE_14_7 Line: 362
MISRA_EXCEPTION_RULE_14_7 Line: 365
MISRA_EXCEPTION_RULE_14_7 Line: 376
MISRA_EXCEPTION_RULE_14_7 Line: 379
MISRA_EXCEPTION_RULE_1_2b Line: 270
MISRA_EXCEPTION_RULE_1_2b Line: 359
MISRA_EXCEPTION_RULE_20_5 Line: 371

EWL_C/src/sun_math/Double_precision/ s_expm1.c

MISRA_EXCEPTION_RULE_12_7 Line: 245
MISRA_EXCEPTION_RULE_12_7 Line: 251
MISRA_EXCEPTION_RULE_13_7 Line: 166
MISRA_EXCEPTION_RULE_13_7 Line: 179
MISRA_EXCEPTION_RULE_14_7 Line: 157
MISRA_EXCEPTION_RULE_14_7 Line: 160
MISRA_EXCEPTION_RULE_14_7 Line: 172
MISRA_EXCEPTION_RULE_14_7 Line: 185
MISRA_EXCEPTION_RULE_14_7 Line: 211
MISRA_EXCEPTION_RULE_14_7 Line: 225
MISRA_EXCEPTION_RULE_14_7 Line: 231
MISRA_EXCEPTION_RULE_14_7 Line: 236
MISRA_EXCEPTION_RULE_14_7 Line: 239
MISRA_EXCEPTION_RULE_14_7 Line: 247
MISRA_EXCEPTION_RULE_20_5 Line: 168
MISRA_EXCEPTION_RULE_20_5 Line: 181

EWL_C/src/sun_math/Double_precision/ s_floor.c

MISRA_EXCEPTION_RULE_12_7 Line: 34

MISRA_EXCEPTION_RULE_14_7 Line: 59
MISRA_EXCEPTION_RULE_14_7 Line: 69
MISRA_EXCEPTION_RULE_14_7 Line: 72
MISRA_EXCEPTION_RULE_14_7 Line: 78

EWL_C/src/sun_math/Double_precision/ s_frexp.c

MISRA_EXCEPTION_RULE_10_3 Line: 57
MISRA_EXCEPTION_RULE_14_7 Line: 48

EWL_C/src/sun_math/Double_precision/ s_ilogb.c

MISRA_EXCEPTION_RULE_13_7 Line: 43
MISRA_EXCEPTION_RULE_13_7 Line: 48
MISRA_EXCEPTION_RULE_13_7 Line: 73
MISRA_EXCEPTION_RULE_13_7 Line: 78
MISRA_EXCEPTION_RULE_13_7 Line: 89
MISRA_EXCEPTION_RULE_13_7 Line: 94
MISRA_EXCEPTION_RULE_14_7 Line: 54
MISRA_EXCEPTION_RULE_14_7 Line: 64
MISRA_EXCEPTION_RULE_14_7 Line: 68
MISRA_EXCEPTION_RULE_14_7 Line: 84
MISRA_EXCEPTION_RULE_14_7 Line: 100
MISRA_EXCEPTION_RULE_20_5 Line: 45
MISRA_EXCEPTION_RULE_20_5 Line: 50
MISRA_EXCEPTION_RULE_20_5 Line: 75
MISRA_EXCEPTION_RULE_20_5 Line: 80
MISRA_EXCEPTION_RULE_20_5 Line: 91
MISRA_EXCEPTION_RULE_20_5 Line: 96

EWL_C/src/sun_math/Double_precision/ s_idexp.c

MISRA_EXCEPTION_RULE_10_3 Line: 38
MISRA_EXCEPTION_RULE_10_3 Line: 47
MISRA_EXCEPTION_RULE_14_7 Line: 31
MISRA_EXCEPTION_RULE_14_7 Line: 42
MISRA_EXCEPTION_RULE_14_7 Line: 50
MISRA_EXCEPTION_RULE_14_7 Line: 55
MISRA_EXCEPTION_RULE_14_7 Line: 60
MISRA_EXCEPTION_RULE_14_7 Line: 65
MISRA_EXCEPTION_RULE_14_7 Line: 70
MISRA_EXCEPTION_RULE_14_7 Line: 73

EWL_C/src/sun_math/Double_precision/ s_log1p.c

MISRA_EXCEPTION_RULE_10_3 Line: 173
MISRA_EXCEPTION_RULE_10_3 Line: 180
MISRA_EXCEPTION_RULE_13_3 Line: 104
MISRA_EXCEPTION_RULE_13_7 Line: 126
MISRA_EXCEPTION_RULE_13_7 Line: 136
MISRA_EXCEPTION_RULE_13_7 Line: 141
MISRA_EXCEPTION_RULE_14_7 Line: 132
MISRA_EXCEPTION_RULE_14_7 Line: 147
MISRA_EXCEPTION_RULE_14_7 Line: 154
MISRA_EXCEPTION_RULE_14_7 Line: 157
MISRA_EXCEPTION_RULE_14_7 Line: 166
MISRA_EXCEPTION_RULE_14_7 Line: 198
MISRA_EXCEPTION_RULE_14_7 Line: 202
MISRA_EXCEPTION_RULE_14_7 Line: 208
MISRA_EXCEPTION_RULE_14_7 Line: 211
MISRA_EXCEPTION_RULE_14_7 Line: 219
MISRA_EXCEPTION_RULE_14_7 Line: 222

MISRA_EXCEPTION_RULE_20_5 Line: 128

MISRA_EXCEPTION_RULE_20_5 Line: 138

MISRA_EXCEPTION_RULE_20_5 Line: 143

EWL_C/src/sun_math/Double_precision/ s_logb.c

MISRA_EXCEPTION_RULE_13_7 Line: 37

MISRA_EXCEPTION_RULE_13_7 Line: 42

MISRA_EXCEPTION_RULE_14_7 Line: 48

MISRA_EXCEPTION_RULE_14_7 Line: 52

MISRA_EXCEPTION_RULE_14_7 Line: 56

MISRA_EXCEPTION_RULE_14_7 Line: 60

MISRA_EXCEPTION_RULE_20_5 Line: 39

MISRA_EXCEPTION_RULE_20_5 Line: 44

EWL_C/src/sun_math/Double_precision/ s_matherr.c

MISRA_EXCEPTION_RULE_13_3 Line: 27

MISRA_EXCEPTION_RULE_14_7 Line: 29

MISRA_EXCEPTION_RULE_16_7 Line: 19

EWL_C/src/sun_math/Double_precision/ s_modf.c

MISRA_EXCEPTION_RULE_10_3 Line: 48

MISRA_EXCEPTION_RULE_14_7 Line: 55

MISRA_EXCEPTION_RULE_14_7 Line: 63

MISRA_EXCEPTION_RULE_14_7 Line: 69

MISRA_EXCEPTION_RULE_14_7 Line: 78

MISRA_EXCEPTION_RULE_14_7 Line: 86

MISRA_EXCEPTION_RULE_14_7 Line: 92

EWL_C/src/sun_math/Double_precision/ s_nextafter.c

MISRA_EXCEPTION_RULE_10_3 Line: 85
MISRA_EXCEPTION_RULE_13_3 Line: 26
MISRA_EXCEPTION_RULE_14_7 Line: 47
MISRA_EXCEPTION_RULE_14_7 Line: 51
MISRA_EXCEPTION_RULE_14_7 Line: 59
MISRA_EXCEPTION_RULE_14_7 Line: 62
MISRA_EXCEPTION_RULE_14_7 Line: 88
MISRA_EXCEPTION_RULE_14_7 Line: 96

EWL_C/src/sun_math/Double_precision/ s_rint.c

MISRA_EXCEPTION_RULE_10_3 Line: 58
MISRA_EXCEPTION_RULE_10_3 Line: 67
MISRA_EXCEPTION_RULE_10_3 Line: 69
MISRA_EXCEPTION_RULE_10_3 Line: 89
MISRA_EXCEPTION_RULE_14_7 Line: 63
MISRA_EXCEPTION_RULE_14_7 Line: 76
MISRA_EXCEPTION_RULE_14_7 Line: 81
MISRA_EXCEPTION_RULE_14_7 Line: 96
MISRA_EXCEPTION_RULE_14_7 Line: 100
MISRA_EXCEPTION_RULE_14_7 Line: 106

EWL_C/src/sun_math/Double_precision/ s_sin.c

MISRA_EXCEPTION_RULE_14_7 Line: 64
MISRA_EXCEPTION_RULE_14_7 Line: 69
MISRA_EXCEPTION_RULE_14_7 Line: 80
MISRA_EXCEPTION_RULE_14_7 Line: 83
MISRA_EXCEPTION_RULE_14_7 Line: 90
MISRA_EXCEPTION_RULE_14_7 Line: 93

MISRA_EXCEPTION_RULE_14_7 Line: 100
MISRA_EXCEPTION_RULE_14_7 Line: 103
MISRA_EXCEPTION_RULE_14_7 Line: 110
MISRA_EXCEPTION_RULE_14_7 Line: 113

EWL_C/src/sun_math/Double_precision/ s_tan.c

MISRA_EXCEPTION_RULE_10_3 Line: 75
MISRA_EXCEPTION_RULE_14_7 Line: 64
MISRA_EXCEPTION_RULE_14_7 Line: 69
MISRA_EXCEPTION_RULE_14_7 Line: 76

EWL_C/src/sun_math/Double_precision/ s_tanh.c

MISRA_EXCEPTION_RULE_14_7 Line: 64
MISRA_EXCEPTION_RULE_14_7 Line: 67
MISRA_EXCEPTION_RULE_14_7 Line: 75

EWL_C/src/sun_math/Single_precision/ e_acosf.c

MISRA_EXCEPTION_RULE_12_7 Line: 65
MISRA_EXCEPTION_RULE_13_7 Line: 77
MISRA_EXCEPTION_RULE_13_7 Line: 82
MISRA_EXCEPTION_RULE_14_7 Line: 69
MISRA_EXCEPTION_RULE_14_7 Line: 72
MISRA_EXCEPTION_RULE_14_7 Line: 94
MISRA_EXCEPTION_RULE_14_7 Line: 99
MISRA_EXCEPTION_RULE_14_7 Line: 106
MISRA_EXCEPTION_RULE_14_7 Line: 115
MISRA_EXCEPTION_RULE_14_7 Line: 129
MISRA_EXCEPTION_RULE_20_5 Line: 79
MISRA_EXCEPTION_RULE_20_5 Line: 84

MISRA_EXCEPTION_RULE_20_5 Line: 89

EWL_C/src/sun_math/Single_precision/ e_acoshf.c

MISRA_EXCEPTION_RULE_12_7 Line: 57
MISRA_EXCEPTION_RULE_13_7 Line: 60
MISRA_EXCEPTION_RULE_13_7 Line: 65
MISRA_EXCEPTION_RULE_14_7 Line: 71
MISRA_EXCEPTION_RULE_14_7 Line: 75
MISRA_EXCEPTION_RULE_14_7 Line: 78
MISRA_EXCEPTION_RULE_14_7 Line: 82
MISRA_EXCEPTION_RULE_14_7 Line: 86
MISRA_EXCEPTION_RULE_14_7 Line: 90
MISRA_EXCEPTION_RULE_20_5 Line: 62
MISRA_EXCEPTION_RULE_20_5 Line: 67

EWL_C/src/sun_math/Single_precision/ e_asinf.c

MISRA_EXCEPTION_RULE_12_7 Line: 70
MISRA_EXCEPTION_RULE_13_7 Line: 80
MISRA_EXCEPTION_RULE_13_7 Line: 85
MISRA_EXCEPTION_RULE_14_7 Line: 75
MISRA_EXCEPTION_RULE_14_7 Line: 97
MISRA_EXCEPTION_RULE_14_7 Line: 106
MISRA_EXCEPTION_RULE_14_7 Line: 117
MISRA_EXCEPTION_RULE_14_7 Line: 142
MISRA_EXCEPTION_RULE_14_7 Line: 145
MISRA_EXCEPTION_RULE_20_5 Line: 82
MISRA_EXCEPTION_RULE_20_5 Line: 87
MISRA_EXCEPTION_RULE_20_5 Line: 92

EWL_C/src/sun_math/Single_precision/ e_atan2f.c

MISRA_EXCEPTION_RULE_12_7 Line: 58
MISRA_EXCEPTION_RULE_12_7 Line: 61
MISRA_EXCEPTION_RULE_12_7 Line: 73
MISRA_EXCEPTION_RULE_12_7 Line: 156
MISRA_EXCEPTION_RULE_13_7 Line: 78
MISRA_EXCEPTION_RULE_13_7 Line: 83
MISRA_EXCEPTION_RULE_14_7 Line: 65
MISRA_EXCEPTION_RULE_14_7 Line: 69
MISRA_EXCEPTION_RULE_14_7 Line: 96
MISRA_EXCEPTION_RULE_14_7 Line: 99
MISRA_EXCEPTION_RULE_14_7 Line: 102
MISRA_EXCEPTION_RULE_14_7 Line: 109
MISRA_EXCEPTION_RULE_14_7 Line: 118
MISRA_EXCEPTION_RULE_14_7 Line: 121
MISRA_EXCEPTION_RULE_14_7 Line: 124
MISRA_EXCEPTION_RULE_14_7 Line: 127
MISRA_EXCEPTION_RULE_14_7 Line: 134
MISRA_EXCEPTION_RULE_14_7 Line: 137
MISRA_EXCEPTION_RULE_14_7 Line: 140
MISRA_EXCEPTION_RULE_14_7 Line: 143
MISRA_EXCEPTION_RULE_14_7 Line: 151
MISRA_EXCEPTION_RULE_14_7 Line: 167
MISRA_EXCEPTION_RULE_14_7 Line: 175
MISRA_EXCEPTION_RULE_14_7 Line: 178
MISRA_EXCEPTION_RULE_14_7 Line: 181
MISRA_EXCEPTION_RULE_20_5 Line: 80
MISRA_EXCEPTION_RULE_20_5 Line: 85

EWL_C/src/sun_math/Single_precision/ e_atanhf.c

MISRA_EXCEPTION_RULE_12_7 Line: 61
MISRA_EXCEPTION_RULE_13_7 Line: 66
MISRA_EXCEPTION_RULE_13_7 Line: 71
MISRA_EXCEPTION_RULE_13_7 Line: 86
MISRA_EXCEPTION_RULE_13_7 Line: 91
MISRA_EXCEPTION_RULE_14_7 Line: 80
MISRA_EXCEPTION_RULE_14_7 Line: 102
MISRA_EXCEPTION_RULE_14_7 Line: 106
MISRA_EXCEPTION_RULE_14_7 Line: 117
MISRA_EXCEPTION_RULE_14_7 Line: 120
MISRA_EXCEPTION_RULE_1_2d Line: 101
MISRA_EXCEPTION_RULE_20_5 Line: 68
MISRA_EXCEPTION_RULE_20_5 Line: 73
MISRA_EXCEPTION_RULE_20_5 Line: 77
MISRA_EXCEPTION_RULE_20_5 Line: 88
MISRA_EXCEPTION_RULE_20_5 Line: 93

EWL_C/src/sun_math/Single_precision/ e_coshf.c

MISRA_EXCEPTION_RULE_13_7 Line: 94
MISRA_EXCEPTION_RULE_14_7 Line: 55
MISRA_EXCEPTION_RULE_14_7 Line: 64
MISRA_EXCEPTION_RULE_14_7 Line: 67
MISRA_EXCEPTION_RULE_14_7 Line: 74
MISRA_EXCEPTION_RULE_14_7 Line: 80
MISRA_EXCEPTION_RULE_14_7 Line: 88
MISRA_EXCEPTION_RULE_20_5 Line: 96

EWL_C/src/sun_math/Single_precision/ e_expf.c

MISRA_EXCEPTION_RULE_10_3 Line: 70
MISRA_EXCEPTION_RULE_10_4 Line: 113
MISRA_EXCEPTION_RULE_12_7 Line: 142
MISRA_EXCEPTION_RULE_13_7 Line: 86
MISRA_EXCEPTION_RULE_13_7 Line: 97
MISRA_EXCEPTION_RULE_14_7 Line: 77
MISRA_EXCEPTION_RULE_14_7 Line: 81
MISRA_EXCEPTION_RULE_14_7 Line: 92
MISRA_EXCEPTION_RULE_14_7 Line: 103
MISRA_EXCEPTION_RULE_14_7 Line: 123
MISRA_EXCEPTION_RULE_14_7 Line: 136
MISRA_EXCEPTION_RULE_14_7 Line: 147
MISRA_EXCEPTION_RULE_14_7 Line: 153
MISRA_EXCEPTION_RULE_20_5 Line: 88
MISRA_EXCEPTION_RULE_20_5 Line: 99

EWL_C/src/sun_math/Single_precision/ e_fmodf.c

MISRA_EXCEPTION_RULE_10_3 Line: 63
MISRA_EXCEPTION_RULE_12_7 Line: 47
MISRA_EXCEPTION_RULE_12_7a Line: 48
MISRA_EXCEPTION_RULE_12_7b Line: 49
MISRA_EXCEPTION_RULE_13_7 Line: 50
MISRA_EXCEPTION_RULE_14_7 Line: 81
MISRA_EXCEPTION_RULE_14_7 Line: 85
MISRA_EXCEPTION_RULE_14_7 Line: 89
MISRA_EXCEPTION_RULE_14_7 Line: 134
MISRA_EXCEPTION_RULE_14_7 Line: 147
MISRA_EXCEPTION_RULE_20_5 Line: 51

EWL_C/src/sun_math/Single_precision/ e_hypotf.c

MISRA_EXCEPTION_RULE_12_7 Line: 116
MISRA_EXCEPTION_RULE_14_7 Line: 57
MISRA_EXCEPTION_RULE_14_7 Line: 70
MISRA_EXCEPTION_RULE_14_7 Line: 81
MISRA_EXCEPTION_RULE_14_7 Line: 118
MISRA_EXCEPTION_RULE_14_7 Line: 121

EWL_C/src/sun_math/Single_precision/ e_lgammaf_r.c

MISRA_EXCEPTION_RULE_13_3 Line: 136
MISRA_EXCEPTION_RULE_13_3 Line: 186
MISRA_EXCEPTION_RULE_13_3 Line: 230
MISRA_EXCEPTION_RULE_13_7 Line: 183
MISRA_EXCEPTION_RULE_14_7 Line: 126
MISRA_EXCEPTION_RULE_14_7 Line: 205
MISRA_EXCEPTION_RULE_14_7 Line: 210
MISRA_EXCEPTION_RULE_14_7 Line: 216
MISRA_EXCEPTION_RULE_14_7 Line: 219
MISRA_EXCEPTION_RULE_14_7 Line: 226
MISRA_EXCEPTION_RULE_14_7 Line: 233
MISRA_EXCEPTION_RULE_1_2d Line: 209
MISRA_EXCEPTION_RULE_1_2d Line: 225
MISRA_EXCEPTION_RULE_1_2d Line: 232
MISRA_EXCEPTION_RULE_20_5 Line: 188
MISRA_EXCEPTION_RULE_20_5 Line: 192

EWL_C/src/sun_math/Single_precision/ e_log10f.c

MISRA_EXCEPTION_RULE_10_3 Line: 120
MISRA_EXCEPTION_RULE_12_7 Line: 116

MISRA_EXCEPTION_RULE_13_7 Line: 67
MISRA_EXCEPTION_RULE_13_7 Line: 85
MISRA_EXCEPTION_RULE_13_7 Line: 90
MISRA_EXCEPTION_RULE_14_7 Line: 79
MISRA_EXCEPTION_RULE_14_7 Line: 102
MISRA_EXCEPTION_RULE_14_7 Line: 105
MISRA_EXCEPTION_RULE_14_7 Line: 113
MISRA_EXCEPTION_RULE_1_2d Line: 78
MISRA_EXCEPTION_RULE_20_5 Line: 69
MISRA_EXCEPTION_RULE_20_5 Line: 74
MISRA_EXCEPTION_RULE_20_5 Line: 87
MISRA_EXCEPTION_RULE_20_5 Line: 92
MISRA_EXCEPTION_RULE_20_5 Line: 97

EWL_C/src/sun_math/Single_precision/ e_logf.c

MISRA_EXCEPTION_RULE_12_7 Line: 115
MISRA_EXCEPTION_RULE_12_7 Line: 154
MISRA_EXCEPTION_RULE_13_3 Line: 125
MISRA_EXCEPTION_RULE_13_7 Line: 71
MISRA_EXCEPTION_RULE_13_7 Line: 84
MISRA_EXCEPTION_RULE_13_7 Line: 89
MISRA_EXCEPTION_RULE_14_7 Line: 78
MISRA_EXCEPTION_RULE_14_7 Line: 101
MISRA_EXCEPTION_RULE_14_7 Line: 104
MISRA_EXCEPTION_RULE_14_7 Line: 112
MISRA_EXCEPTION_RULE_14_7 Line: 128
MISRA_EXCEPTION_RULE_14_7 Line: 132
MISRA_EXCEPTION_RULE_14_7 Line: 138
MISRA_EXCEPTION_RULE_14_7 Line: 142
MISRA_EXCEPTION_RULE_14_7 Line: 160
MISRA_EXCEPTION_RULE_14_7 Line: 163

MISRA_EXCEPTION_RULE_14_7 Line: 168
MISRA_EXCEPTION_RULE_14_7 Line: 171
MISRA_EXCEPTION_RULE_1_2d Line: 77
MISRA_EXCEPTION_RULE_20_5 Line: 73
MISRA_EXCEPTION_RULE_20_5 Line: 86
MISRA_EXCEPTION_RULE_20_5 Line: 91
MISRA_EXCEPTION_RULE_20_5 Line: 96

EWL_C/src/sun_math/Single_precision/ e_powf.c

MISRA_EXCEPTION_RULE_10_1 Line: 70
MISRA_EXCEPTION_RULE_10_3 Line: 363
MISRA_EXCEPTION_RULE_10_3 Line: 366
MISRA_EXCEPTION_RULE_12_4 Line: 92
MISRA_EXCEPTION_RULE_12_7 Line: 71
MISRA_EXCEPTION_RULE_12_7 Line: 224
MISRA_EXCEPTION_RULE_12_7 Line: 387
MISRA_EXCEPTION_RULE_12_7 Line: 389
MISRA_EXCEPTION_RULE_13_3 Line: 86
MISRA_EXCEPTION_RULE_13_3 Line: 91
MISRA_EXCEPTION_RULE_13_7 Line: 105
MISRA_EXCEPTION_RULE_13_7 Line: 110
MISRA_EXCEPTION_RULE_13_7 Line: 117
MISRA_EXCEPTION_RULE_13_7 Line: 122
MISRA_EXCEPTION_RULE_13_7 Line: 141
MISRA_EXCEPTION_RULE_13_7 Line: 231
MISRA_EXCEPTION_RULE_13_7 Line: 236
MISRA_EXCEPTION_RULE_14_7 Line: 88
MISRA_EXCEPTION_RULE_14_7 Line: 94
MISRA_EXCEPTION_RULE_14_7 Line: 132
MISRA_EXCEPTION_RULE_14_7 Line: 152
MISRA_EXCEPTION_RULE_14_7 Line: 176

MISRA_EXCEPTION_RULE_14_7 Line: 179
MISRA_EXCEPTION_RULE_14_7 Line: 182
MISRA_EXCEPTION_RULE_14_7 Line: 188
MISRA_EXCEPTION_RULE_14_7 Line: 191
MISRA_EXCEPTION_RULE_14_7 Line: 196
MISRA_EXCEPTION_RULE_14_7 Line: 201
MISRA_EXCEPTION_RULE_14_7 Line: 220
MISRA_EXCEPTION_RULE_14_7 Line: 248
MISRA_EXCEPTION_RULE_14_7 Line: 251
MISRA_EXCEPTION_RULE_14_7 Line: 263
MISRA_EXCEPTION_RULE_14_7 Line: 267
MISRA_EXCEPTION_RULE_14_7 Line: 343
MISRA_EXCEPTION_RULE_14_7 Line: 347
MISRA_EXCEPTION_RULE_14_7 Line: 351
MISRA_EXCEPTION_RULE_14_7 Line: 355
MISRA_EXCEPTION_RULE_20_5 Line: 107
MISRA_EXCEPTION_RULE_20_5 Line: 112
MISRA_EXCEPTION_RULE_20_5 Line: 119
MISRA_EXCEPTION_RULE_20_5 Line: 124
MISRA_EXCEPTION_RULE_20_5 Line: 143
MISRA_EXCEPTION_RULE_20_5 Line: 148
MISRA_EXCEPTION_RULE_20_5 Line: 233
MISRA_EXCEPTION_RULE_20_5 Line: 238
MISRA_EXCEPTION_RULE_20_5 Line: 243

EWL_C/src/sun_math/Single_precision/ e_rem_pio2f.c

MISRA_EXCEPTION_RULE_12_7 Line: 123
MISRA_EXCEPTION_RULE_12_7 Line: 135
MISRA_EXCEPTION_RULE_12_7 Line: 148
MISRA_EXCEPTION_RULE_12_7 Line: 168
MISRA_EXCEPTION_RULE_12_7 Line: 173

MISRA_EXCEPTION_RULE_12_7 Line: 177
MISRA_EXCEPTION_RULE_12_7 Line: 186
MISRA_EXCEPTION_RULE_12_7 Line: 217
MISRA_EXCEPTION_RULE_12_7 Line: 219
MISRA_EXCEPTION_RULE_13_3 Line: 227
MISRA_EXCEPTION_RULE_14_7 Line: 127
MISRA_EXCEPTION_RULE_14_7 Line: 129
MISRA_EXCEPTION_RULE_14_7 Line: 144
MISRA_EXCEPTION_RULE_14_7 Line: 157
MISRA_EXCEPTION_RULE_14_7 Line: 201
MISRA_EXCEPTION_RULE_14_7 Line: 204
MISRA_EXCEPTION_RULE_14_7 Line: 213
MISRA_EXCEPTION_RULE_14_7 Line: 233

EWL_C/src/sun_math/Single_precision/ e_remainderf.c

MISRA_EXCEPTION_RULE_13_7 Line: 61
MISRA_EXCEPTION_RULE_13_7 Line: 66
MISRA_EXCEPTION_RULE_14_7 Line: 72
MISRA_EXCEPTION_RULE_14_7 Line: 77
MISRA_EXCEPTION_RULE_14_7 Line: 83
MISRA_EXCEPTION_RULE_20_5 Line: 63
MISRA_EXCEPTION_RULE_20_5 Line: 68

EWL_C/src/sun_math/Single_precision/ e_sinhf.c

MISRA_EXCEPTION_RULE_13_7 Line: 94
MISRA_EXCEPTION_RULE_14_7 Line: 55
MISRA_EXCEPTION_RULE_14_7 Line: 65
MISRA_EXCEPTION_RULE_14_7 Line: 71
MISRA_EXCEPTION_RULE_14_7 Line: 74
MISRA_EXCEPTION_RULE_14_7 Line: 80

MISRA_EXCEPTION_RULE_14_7 Line: 88

MISRA_EXCEPTION_RULE_20_5 Line: 96

EWL_C/src/sun_math/Single_precision/ e_sqrtf.c

MISRA_EXCEPTION_RULE_10_3 Line: 98

MISRA_EXCEPTION_RULE_12_7 Line: 111

MISRA_EXCEPTION_RULE_13_7 Line: 72

MISRA_EXCEPTION_RULE_13_7 Line: 77

MISRA_EXCEPTION_RULE_14_7 Line: 59

MISRA_EXCEPTION_RULE_14_7 Line: 66

MISRA_EXCEPTION_RULE_14_7 Line: 89

MISRA_EXCEPTION_RULE_14_7 Line: 92

MISRA_EXCEPTION_RULE_20_5 Line: 56

MISRA_EXCEPTION_RULE_20_5 Line: 74

MISRA_EXCEPTION_RULE_20_5 Line: 79

MISRA_EXCEPTION_RULE_20_5 Line: 84

EWL_C/src/sun_math/Single_precision/ fminmaxdimf.c

MISRA_EXCEPTION_RULE_14_7 Line: 17

MISRA_EXCEPTION_RULE_14_7 Line: 21

MISRA_EXCEPTION_RULE_14_7 Line: 27

MISRA_EXCEPTION_RULE_14_7 Line: 31

MISRA_EXCEPTION_RULE_14_7 Line: 37

MISRA_EXCEPTION_RULE_14_7 Line: 41

MISRA_EXCEPTION_RULE_14_7 Line: 46

MISRA_EXCEPTION_RULE_14_7 Line: 50

MISRA_EXCEPTION_RULE_14_7 Line: 60

MISRA_EXCEPTION_RULE_14_7 Line: 64

MISRA_EXCEPTION_RULE_14_7 Line: 70

MISRA_EXCEPTION_RULE_14_7 Line: 74

MISRA_EXCEPTION_RULE_14_7 Line: 80
MISRA_EXCEPTION_RULE_14_7 Line: 84
MISRA_EXCEPTION_RULE_14_7 Line: 89
MISRA_EXCEPTION_RULE_14_7 Line: 93
MISRA_EXCEPTION_RULE_14_7 Line: 101
MISRA_EXCEPTION_RULE_14_7 Line: 105
MISRA_EXCEPTION_RULE_14_7 Line: 111
MISRA_EXCEPTION_RULE_14_7 Line: 115

EWL_C/src/sun_math/Single_precision/ fmodf.c

MISRA_EXCEPTION_RULE_13_7 Line: 36
MISRA_EXCEPTION_RULE_13_7 Line: 41
MISRA_EXCEPTION_RULE_20_5 Line: 38
MISRA_EXCEPTION_RULE_20_5 Line: 43

EWL_C/src/sun_math/Single_precision/ k_cosf.c

MISRA_EXCEPTION_RULE_14_7 Line: 58
MISRA_EXCEPTION_RULE_14_7 Line: 65
MISRA_EXCEPTION_RULE_14_7 Line: 75

EWL_C/src/sun_math/Single_precision/ k_rem_pio2f.c

MISRA_EXCEPTION_RULE_10_3 Line: 109
MISRA_EXCEPTION_RULE_10_3 Line: 192
MISRA_EXCEPTION_RULE_12_7 Line: 124
MISRA_EXCEPTION_RULE_12_7 Line: 147
MISRA_EXCEPTION_RULE_12_7 Line: 166
MISRA_EXCEPTION_RULE_13_3 Line: 167
MISRA_EXCEPTION_RULE_14_4 Line: 180
MISRA_EXCEPTION_RULE_9_1 Line: 96

MISRA_EXCEPTION_RULE_9_1 Line: 108
MISRA_EXCEPTION_RULE_9_1 Line: 123
MISRA_EXCEPTION_RULE_9_1 Line: 220

EWL_C/src/sun_math/Single_precision/ k_sinf.c

MISRA_EXCEPTION_RULE_14_7 Line: 58
MISRA_EXCEPTION_RULE_14_7 Line: 66
MISRA_EXCEPTION_RULE_14_7 Line: 70

EWL_C/src/sun_math/Single_precision/ k_tanf.c

MISRA_EXCEPTION_RULE_10_3 Line: 70
MISRA_EXCEPTION_RULE_12_7 Line: 100
MISRA_EXCEPTION_RULE_12_7a Line: 114
MISRA_EXCEPTION_RULE_12_7a Line: 119
MISRA_EXCEPTION_RULE_14_7 Line: 72
MISRA_EXCEPTION_RULE_14_7 Line: 75
MISRA_EXCEPTION_RULE_14_7 Line: 101
MISRA_EXCEPTION_RULE_14_7 Line: 105
MISRA_EXCEPTION_RULE_14_7 Line: 122

EWL_C/src/sun_math/Single_precision/ log2f.c

MISRA_EXCEPTION_RULE_13_7 Line: 73
MISRA_EXCEPTION_RULE_13_7 Line: 80
MISRA_EXCEPTION_RULE_13_7 Line: 85
MISRA_EXCEPTION_RULE_20_5 Line: 75
MISRA_EXCEPTION_RULE_20_5 Line: 82
MISRA_EXCEPTION_RULE_20_5 Line: 87

EWL_C/src/sun_math/Single_precision/ s_asinhf.c

MISRA_EXCEPTION_RULE_14_7 Line: 56
MISRA_EXCEPTION_RULE_14_7 Line: 61
MISRA_EXCEPTION_RULE_14_7 Line: 76
MISRA_EXCEPTION_RULE_14_7 Line: 79
MISRA_EXCEPTION_RULE_1_2b Line: 72

EWL_C/src/sun_math/Single_precision/ s_atanf.c

MISRA_EXCEPTION_RULE_14_7 Line: 95
MISRA_EXCEPTION_RULE_14_7 Line: 99
MISRA_EXCEPTION_RULE_14_7 Line: 102
MISRA_EXCEPTION_RULE_14_7 Line: 108
MISRA_EXCEPTION_RULE_14_7 Line: 136
MISRA_EXCEPTION_RULE_14_7 Line: 140

EWL_C/src/sun_math/Single_precision/ s_cbrtf.c

MISRA_EXCEPTION_RULE_12_7 Line: 70
MISRA_EXCEPTION_RULE_14_7 Line: 73
MISRA_EXCEPTION_RULE_14_7 Line: 77

EWL_C/src/sun_math/Single_precision/ s_celff.c

MISRA_EXCEPTION_RULE_10_1 Line: 49
MISRA_EXCEPTION_RULE_12_7 Line: 66
MISRA_EXCEPTION_RULE_12_7 Line: 69
MISRA_EXCEPTION_RULE_14_7 Line: 61
MISRA_EXCEPTION_RULE_14_7 Line: 75
MISRA_EXCEPTION_RULE_14_7 Line: 79

EWL_C/src/sun_math/Single_precision/ s_cofsf.c

MISRA_EXCEPTION_RULE_14_7 Line: 48
MISRA_EXCEPTION_RULE_14_7 Line: 53
MISRA_EXCEPTION_RULE_14_7 Line: 65
MISRA_EXCEPTION_RULE_14_7 Line: 68
MISRA_EXCEPTION_RULE_14_7 Line: 76
MISRA_EXCEPTION_RULE_14_7 Line: 79
MISRA_EXCEPTION_RULE_14_7 Line: 87
MISRA_EXCEPTION_RULE_14_7 Line: 90
MISRA_EXCEPTION_RULE_14_7 Line: 98
MISRA_EXCEPTION_RULE_14_7 Line: 101

EWL_C/src/sun_math/Single_precision/ s_erff.c

MISRA_EXCEPTION_RULE_10_3 Line: 127
MISRA_EXCEPTION_RULE_10_3 Line: 213
MISRA_EXCEPTION_RULE_14_7 Line: 130
MISRA_EXCEPTION_RULE_14_7 Line: 138
MISRA_EXCEPTION_RULE_14_7 Line: 141
MISRA_EXCEPTION_RULE_14_7 Line: 148
MISRA_EXCEPTION_RULE_14_7 Line: 156
MISRA_EXCEPTION_RULE_14_7 Line: 159
MISRA_EXCEPTION_RULE_14_7 Line: 165
MISRA_EXCEPTION_RULE_14_7 Line: 168
MISRA_EXCEPTION_RULE_14_7 Line: 190
MISRA_EXCEPTION_RULE_14_7 Line: 193
MISRA_EXCEPTION_RULE_14_7 Line: 214
MISRA_EXCEPTION_RULE_14_7 Line: 220
MISRA_EXCEPTION_RULE_14_7 Line: 228
MISRA_EXCEPTION_RULE_14_7 Line: 233
MISRA_EXCEPTION_RULE_14_7 Line: 243

MISRA_EXCEPTION_RULE_14_7 Line: 247
MISRA_EXCEPTION_RULE_14_7 Line: 261
MISRA_EXCEPTION_RULE_14_7 Line: 274
MISRA_EXCEPTION_RULE_14_7 Line: 277
MISRA_EXCEPTION_RULE_14_7 Line: 288
MISRA_EXCEPTION_RULE_14_7 Line: 291
MISRA_EXCEPTION_RULE_1_2b Line: 187
MISRA_EXCEPTION_RULE_1_2b Line: 271
MISRA_EXCEPTION_RULE_20_5 Line: 283

EWL_C/src/sun_math/Single_precision/ s_expm1f.c

MISRA_EXCEPTION_RULE_10_3 Line: 67
MISRA_EXCEPTION_RULE_10_4 Line: 123
MISRA_EXCEPTION_RULE_12_7 Line: 169
MISRA_EXCEPTION_RULE_12_7 Line: 171
MISRA_EXCEPTION_RULE_12_7 Line: 177
MISRA_EXCEPTION_RULE_13_7 Line: 89
MISRA_EXCEPTION_RULE_13_7 Line: 102
MISRA_EXCEPTION_RULE_14_7 Line: 80
MISRA_EXCEPTION_RULE_14_7 Line: 84
MISRA_EXCEPTION_RULE_14_7 Line: 95
MISRA_EXCEPTION_RULE_14_7 Line: 108
MISRA_EXCEPTION_RULE_14_7 Line: 134
MISRA_EXCEPTION_RULE_14_7 Line: 148
MISRA_EXCEPTION_RULE_14_7 Line: 154
MISRA_EXCEPTION_RULE_14_7 Line: 159
MISRA_EXCEPTION_RULE_14_7 Line: 162
MISRA_EXCEPTION_RULE_14_7 Line: 173
MISRA_EXCEPTION_RULE_20_5 Line: 91
MISRA_EXCEPTION_RULE_20_5 Line: 104

EWL_C/src/sun_math/Single_precision/ s_floorf.c

MISRA_EXCEPTION_RULE_12_7 Line: 47
MISRA_EXCEPTION_RULE_14_7 Line: 71
MISRA_EXCEPTION_RULE_14_7 Line: 81
MISRA_EXCEPTION_RULE_14_7 Line: 84

EWL_C/src/sun_math/Single_precision/ s_frexp.c

MISRA_EXCEPTION_RULE_10_3 Line: 61
MISRA_EXCEPTION_RULE_14_7 Line: 52

EWL_C/src/sun_math/Single_precision/ s_ilogbf.c

MISRA_EXCEPTION_RULE_12_7a Line: 61
MISRA_EXCEPTION_RULE_13_7 Line: 50
MISRA_EXCEPTION_RULE_13_7 Line: 55
MISRA_EXCEPTION_RULE_13_7 Line: 79
MISRA_EXCEPTION_RULE_13_7 Line: 84
MISRA_EXCEPTION_RULE_13_7 Line: 95
MISRA_EXCEPTION_RULE_13_7 Line: 100
MISRA_EXCEPTION_RULE_14_7 Line: 62
MISRA_EXCEPTION_RULE_14_7 Line: 70
MISRA_EXCEPTION_RULE_14_7 Line: 74
MISRA_EXCEPTION_RULE_14_7 Line: 90
MISRA_EXCEPTION_RULE_14_7 Line: 106
MISRA_EXCEPTION_RULE_20_5 Line: 52
MISRA_EXCEPTION_RULE_20_5 Line: 57
MISRA_EXCEPTION_RULE_20_5 Line: 81
MISRA_EXCEPTION_RULE_20_5 Line: 86
MISRA_EXCEPTION_RULE_20_5 Line: 97
MISRA_EXCEPTION_RULE_20_5 Line: 102

EWL_C/src/sun_math/Single_precision/ s_idexpf.c

MISRA_EXCEPTION_RULE_14_7 Line: 39

MISRA_EXCEPTION_RULE_20_5 Line: 43

EWL_C/src/sun_math/Single_precision/ s_log1pf.c

MISRA_EXCEPTION_RULE_10_3 Line: 129

MISRA_EXCEPTION_RULE_10_3 Line: 137

MISRA_EXCEPTION_RULE_13_3 Line: 57

MISRA_EXCEPTION_RULE_13_7 Line: 81

MISRA_EXCEPTION_RULE_13_7 Line: 92

MISRA_EXCEPTION_RULE_13_7 Line: 97

MISRA_EXCEPTION_RULE_14_7 Line: 88

MISRA_EXCEPTION_RULE_14_7 Line: 103

MISRA_EXCEPTION_RULE_14_7 Line: 110

MISRA_EXCEPTION_RULE_14_7 Line: 113

MISRA_EXCEPTION_RULE_14_7 Line: 122

MISRA_EXCEPTION_RULE_14_7 Line: 155

MISRA_EXCEPTION_RULE_14_7 Line: 159

MISRA_EXCEPTION_RULE_14_7 Line: 165

MISRA_EXCEPTION_RULE_14_7 Line: 168

MISRA_EXCEPTION_RULE_14_7 Line: 176

MISRA_EXCEPTION_RULE_14_7 Line: 179

MISRA_EXCEPTION_RULE_1_2d Line: 87

MISRA_EXCEPTION_RULE_20_5 Line: 83

MISRA_EXCEPTION_RULE_20_5 Line: 94

MISRA_EXCEPTION_RULE_20_5 Line: 99

EWL_C/src/sun_math/Single_precision/ s_logbf.c

MISRA_EXCEPTION_RULE_13_7 Line: 47

MISRA_EXCEPTION_RULE_13_7 Line: 52
MISRA_EXCEPTION_RULE_14_7 Line: 58
MISRA_EXCEPTION_RULE_14_7 Line: 62
MISRA_EXCEPTION_RULE_14_7 Line: 66
MISRA_EXCEPTION_RULE_14_7 Line: 70
MISRA_EXCEPTION_RULE_20_5 Line: 49
MISRA_EXCEPTION_RULE_20_5 Line: 54

EWL_C/src/sun_math/Single_precision/ s_modff.c

MISRA_EXCEPTION_RULE_10_3 Line: 48
MISRA_EXCEPTION_RULE_14_7 Line: 53
MISRA_EXCEPTION_RULE_14_7 Line: 62
MISRA_EXCEPTION_RULE_14_7 Line: 66
MISRA_EXCEPTION_RULE_14_7 Line: 75

EWL_C/src/sun_math/Single_precision/ s_nextafterf.c

MISRA_EXCEPTION_RULE_10_3 Line: 82
MISRA_EXCEPTION_RULE_13_3 Line: 32
MISRA_EXCEPTION_RULE_14_7 Line: 51
MISRA_EXCEPTION_RULE_14_7 Line: 55
MISRA_EXCEPTION_RULE_14_7 Line: 62
MISRA_EXCEPTION_RULE_14_7 Line: 65
MISRA_EXCEPTION_RULE_14_7 Line: 85
MISRA_EXCEPTION_RULE_14_7 Line: 92

EWL_C/src/sun_math/Single_precision/ s_rintf.c

MISRA_EXCEPTION_RULE_10_3 Line: 54
MISRA_EXCEPTION_RULE_10_3 Line: 56
MISRA_EXCEPTION_RULE_10_3 Line: 84

MISRA_EXCEPTION_RULE_12_7a Line: 42
MISRA_EXCEPTION_RULE_14_7 Line: 61
MISRA_EXCEPTION_RULE_14_7 Line: 74
MISRA_EXCEPTION_RULE_14_7 Line: 79
MISRA_EXCEPTION_RULE_14_7 Line: 90
MISRA_EXCEPTION_RULE_14_7 Line: 94

EWL_C/src/sun_math/Single_precision/ s_scalbnf.c

MISRA_EXCEPTION_RULE_12_7a Line: 41
MISRA_EXCEPTION_RULE_14_7 Line: 54
MISRA_EXCEPTION_RULE_14_7 Line: 61
MISRA_EXCEPTION_RULE_14_7 Line: 66
MISRA_EXCEPTION_RULE_14_7 Line: 71
MISRA_EXCEPTION_RULE_14_7 Line: 77
MISRA_EXCEPTION_RULE_14_7 Line: 82
MISRA_EXCEPTION_RULE_14_7 Line: 85

EWL_C/src/sun_math/Single_precision/ s_sinf.c

MISRA_EXCEPTION_RULE_14_7 Line: 49
MISRA_EXCEPTION_RULE_14_7 Line: 53
MISRA_EXCEPTION_RULE_14_7 Line: 65
MISRA_EXCEPTION_RULE_14_7 Line: 68
MISRA_EXCEPTION_RULE_14_7 Line: 76
MISRA_EXCEPTION_RULE_14_7 Line: 79
MISRA_EXCEPTION_RULE_14_7 Line: 87
MISRA_EXCEPTION_RULE_14_7 Line: 90
MISRA_EXCEPTION_RULE_14_7 Line: 98
MISRA_EXCEPTION_RULE_14_7 Line: 101

EWL_C/src/sun_math/Single_precision/ s_tanf.c

MISRA_EXCEPTION_RULE_10_3 Line: 59
 MISRA_EXCEPTION_RULE_14_7 Line: 48
 MISRA_EXCEPTION_RULE_14_7 Line: 53
 MISRA_EXCEPTION_RULE_14_7 Line: 60

EWL_C/src/sun_math/Single_precision/ s_tanhf.c

MISRA_EXCEPTION_RULE_14_7 Line: 55
 MISRA_EXCEPTION_RULE_14_7 Line: 58
 MISRA_EXCEPTION_RULE_14_7 Line: 66

EWL_C/src/sun_math/ansi_fp.c

MISRA_EXCEPTION_RULE_10_1 Line: 138
 MISRA_EXCEPTION_RULE_10_1 Line: 143
 MISRA_EXCEPTION_RULE_10_1 Line: 658
 MISRA_EXCEPTION_RULE_10_1 Line: 692
 MISRA_EXCEPTION_RULE_10_1 Line: 696
 MISRA_EXCEPTION_RULE_10_1 Line: 706
 MISRA_EXCEPTION_RULE_10_1 Line: 708
 MISRA_EXCEPTION_RULE_10_1 Line: 767
 MISRA_EXCEPTION_RULE_10_1 Line: 797
 MISRA_EXCEPTION_RULE_10_1 Line: 938
 MISRA_EXCEPTION_RULE_10_1 Line: 972
 MISRA_EXCEPTION_RULE_10_1 Line: 1256
 MISRA_EXCEPTION_RULE_10_3 Line: 250
 MISRA_EXCEPTION_RULE_10_3 Line: 300
 MISRA_EXCEPTION_RULE_10_3 Line: 311
 MISRA_EXCEPTION_RULE_10_3 Line: 351
 MISRA_EXCEPTION_RULE_10_3 Line: 729
 MISRA_EXCEPTION_RULE_10_3 Line: 966

MISRA_EXCEPTION_RULE_10_3 Line: 986
MISRA_EXCEPTION_RULE_11_4 Line: 136
MISRA_EXCEPTION_RULE_11_4 Line: 141
MISRA_EXCEPTION_RULE_11_4 Line: 820
MISRA_EXCEPTION_RULE_11_4 Line: 1000
MISRA_EXCEPTION_RULE_11_4 Line: 1046
MISRA_EXCEPTION_RULE_11_4 Line: 1235
MISRA_EXCEPTION_RULE_12_4 Line: 1024
MISRA_EXCEPTION_RULE_12_7 Line: 489
MISRA_EXCEPTION_RULE_12_7 Line: 1191
MISRA_EXCEPTION_RULE_12_7 Line: 1413
MISRA_EXCEPTION_RULE_12_7 Line: 1441
MISRA_EXCEPTION_RULE_12_7a Line: 679
MISRA_EXCEPTION_RULE_13_3 Line: 979
MISRA_EXCEPTION_RULE_13_7 Line: 1155
MISRA_EXCEPTION_RULE_14_4 Line: 322
MISRA_EXCEPTION_RULE_14_4 Line: 361
MISRA_EXCEPTION_RULE_14_4 Line: 368
MISRA_EXCEPTION_RULE_14_4 Line: 674
MISRA_EXCEPTION_RULE_14_4 Line: 1006
MISRA_EXCEPTION_RULE_14_4 Line: 1017
MISRA_EXCEPTION_RULE_14_6 Line: 206
MISRA_EXCEPTION_RULE_14_6 Line: 1036
MISRA_EXCEPTION_RULE_14_7 Line: 163
MISRA_EXCEPTION_RULE_14_7 Line: 167
MISRA_EXCEPTION_RULE_14_7 Line: 175
MISRA_EXCEPTION_RULE_14_7 Line: 182
MISRA_EXCEPTION_RULE_14_7 Line: 224
MISRA_EXCEPTION_RULE_14_7 Line: 230
MISRA_EXCEPTION_RULE_14_7 Line: 328
MISRA_EXCEPTION_RULE_14_7 Line: 357
MISRA_EXCEPTION_RULE_14_7 Line: 373

MISRA_EXCEPTION_RULE_14_7 Line: 400
MISRA_EXCEPTION_RULE_14_7 Line: 404
MISRA_EXCEPTION_RULE_14_7 Line: 408
MISRA_EXCEPTION_RULE_14_7 Line: 412
MISRA_EXCEPTION_RULE_14_7 Line: 416
MISRA_EXCEPTION_RULE_14_7 Line: 420
MISRA_EXCEPTION_RULE_14_7 Line: 424
MISRA_EXCEPTION_RULE_14_7 Line: 428
MISRA_EXCEPTION_RULE_14_7 Line: 432
MISRA_EXCEPTION_RULE_14_7 Line: 436
MISRA_EXCEPTION_RULE_14_7 Line: 440
MISRA_EXCEPTION_RULE_14_7 Line: 445
MISRA_EXCEPTION_RULE_14_7 Line: 449
MISRA_EXCEPTION_RULE_14_7 Line: 453
MISRA_EXCEPTION_RULE_14_7 Line: 458
MISRA_EXCEPTION_RULE_14_7 Line: 462
MISRA_EXCEPTION_RULE_14_7 Line: 466
MISRA_EXCEPTION_RULE_14_7 Line: 470
MISRA_EXCEPTION_RULE_14_7 Line: 474
MISRA_EXCEPTION_RULE_14_7 Line: 478
MISRA_EXCEPTION_RULE_14_7 Line: 482
MISRA_EXCEPTION_RULE_14_7 Line: 513
MISRA_EXCEPTION_RULE_14_7 Line: 516
MISRA_EXCEPTION_RULE_14_7 Line: 521
MISRA_EXCEPTION_RULE_14_7 Line: 524
MISRA_EXCEPTION_RULE_14_7 Line: 536
MISRA_EXCEPTION_RULE_14_7 Line: 545
MISRA_EXCEPTION_RULE_14_7 Line: 549
MISRA_EXCEPTION_RULE_14_7 Line: 564
MISRA_EXCEPTION_RULE_14_7 Line: 567
MISRA_EXCEPTION_RULE_14_7 Line: 571
MISRA_EXCEPTION_RULE_14_7 Line: 583

MISRA_EXCEPTION_RULE_14_7 Line: 587
MISRA_EXCEPTION_RULE_14_7 Line: 594
MISRA_EXCEPTION_RULE_14_7 Line: 599
MISRA_EXCEPTION_RULE_14_7 Line: 603
MISRA_EXCEPTION_RULE_14_7 Line: 606
MISRA_EXCEPTION_RULE_14_7 Line: 623
MISRA_EXCEPTION_RULE_14_7 Line: 745
MISRA_EXCEPTION_RULE_14_7 Line: 754
MISRA_EXCEPTION_RULE_14_7 Line: 781
MISRA_EXCEPTION_RULE_14_7 Line: 806
MISRA_EXCEPTION_RULE_14_7 Line: 812
MISRA_EXCEPTION_RULE_14_7 Line: 815
MISRA_EXCEPTION_RULE_14_7 Line: 924
MISRA_EXCEPTION_RULE_14_7 Line: 953
MISRA_EXCEPTION_RULE_14_7 Line: 1059
MISRA_EXCEPTION_RULE_14_7 Line: 1125
MISRA_EXCEPTION_RULE_14_7 Line: 1132
MISRA_EXCEPTION_RULE_14_7 Line: 1308
MISRA_EXCEPTION_RULE_14_7 Line: 1313
MISRA_EXCEPTION_RULE_14_7 Line: 1319
MISRA_EXCEPTION_RULE_14_7 Line: 1322
MISRA_EXCEPTION_RULE_14_7 Line: 1402
MISRA_EXCEPTION_RULE_14_7 Line: 1405
MISRA_EXCEPTION_RULE_16_2 Line: 385
MISRA_EXCEPTION_RULE_17_3 Line: 172
MISRA_EXCEPTION_RULE_17_3 Line: 255
MISRA_EXCEPTION_RULE_17_3 Line: 309
MISRA_EXCEPTION_RULE_17_3 Line: 315
MISRA_EXCEPTION_RULE_17_3 Line: 319
MISRA_EXCEPTION_RULE_17_3 Line: 644
MISRA_EXCEPTION_RULE_17_3 Line: 647
MISRA_EXCEPTION_RULE_17_3 Line: 665

MISRA_EXCEPTION_RULE_17_3 Line: 704
MISRA_EXCEPTION_RULE_17_3 Line: 711
MISRA_EXCEPTION_RULE_17_3 Line: 721
MISRA_EXCEPTION_RULE_17_3 Line: 728
MISRA_EXCEPTION_RULE_17_3 Line: 936
MISRA_EXCEPTION_RULE_17_3 Line: 960
MISRA_EXCEPTION_RULE_17_3 Line: 965
MISRA_EXCEPTION_RULE_1_2c Line: 135
MISRA_EXCEPTION_RULE_1_2c Line: 821
MISRA_EXCEPTION_RULE_1_2c Line: 1001
MISRA_EXCEPTION_RULE_1_2c Line: 1047

EWL_C/src/sun_math/math_sun.c

MISRA_EXCEPTION_RULE_12_7a Line: 347
MISRA_EXCEPTION_RULE_12_7a Line: 437
MISRA_EXCEPTION_RULE_12_7a Line: 526
MISRA_EXCEPTION_RULE_13_7 Line: 94
MISRA_EXCEPTION_RULE_13_7 Line: 121
MISRA_EXCEPTION_RULE_13_7 Line: 180
MISRA_EXCEPTION_RULE_13_7 Line: 239
MISRA_EXCEPTION_RULE_13_7 Line: 301
MISRA_EXCEPTION_RULE_13_7 Line: 391
MISRA_EXCEPTION_RULE_13_7 Line: 480
MISRA_EXCEPTION_RULE_13_7 Line: 567
MISRA_EXCEPTION_RULE_13_7 Line: 625
MISRA_EXCEPTION_RULE_13_7 Line: 684
MISRA_EXCEPTION_RULE_14_7 Line: 114
MISRA_EXCEPTION_RULE_14_7 Line: 130
MISRA_EXCEPTION_RULE_14_7 Line: 173
MISRA_EXCEPTION_RULE_14_7 Line: 189
MISRA_EXCEPTION_RULE_14_7 Line: 232
MISRA_EXCEPTION_RULE_14_7 Line: 248

MISRA_EXCEPTION_RULE_14_7 Line: 294
MISRA_EXCEPTION_RULE_14_7 Line: 310
MISRA_EXCEPTION_RULE_14_7 Line: 384
MISRA_EXCEPTION_RULE_14_7 Line: 400
MISRA_EXCEPTION_RULE_14_7 Line: 473
MISRA_EXCEPTION_RULE_14_7 Line: 489
MISRA_EXCEPTION_RULE_14_7 Line: 560
MISRA_EXCEPTION_RULE_14_7 Line: 576
MISRA_EXCEPTION_RULE_14_7 Line: 618
MISRA_EXCEPTION_RULE_14_7 Line: 634
MISRA_EXCEPTION_RULE_14_7 Line: 677
MISRA_EXCEPTION_RULE_14_7 Line: 693
MISRA_EXCEPTION_RULE_14_7 Line: 733
MISRA_EXCEPTION_RULE_14_7 Line: 787
MISRA_EXCEPTION_RULE_14_7 Line: 842
MISRA_EXCEPTION_RULE_14_7 Line: 1002
MISRA_EXCEPTION_RULE_14_7 Line: 1030
MISRA_EXCEPTION_RULE_14_7 Line: 1057
MISRA_EXCEPTION_RULE_14_7 Line: 1107
MISRA_EXCEPTION_RULE_14_7 Line: 1110
MISRA_EXCEPTION_RULE_14_7 Line: 1134
MISRA_EXCEPTION_RULE_14_7 Line: 1137
MISRA_EXCEPTION_RULE_14_7 Line: 1162
MISRA_EXCEPTION_RULE_14_7 Line: 1165
MISRA_EXCEPTION_RULE_20_5 Line: 96
MISRA_EXCEPTION_RULE_20_5 Line: 123
MISRA_EXCEPTION_RULE_20_5 Line: 127
MISRA_EXCEPTION_RULE_20_5 Line: 182
MISRA_EXCEPTION_RULE_20_5 Line: 186
MISRA_EXCEPTION_RULE_20_5 Line: 241
MISRA_EXCEPTION_RULE_20_5 Line: 245
MISRA_EXCEPTION_RULE_20_5 Line: 303

MISRA_EXCEPTION_RULE_20_5 Line: 307
MISRA_EXCEPTION_RULE_20_5 Line: 393
MISRA_EXCEPTION_RULE_20_5 Line: 397
MISRA_EXCEPTION_RULE_20_5 Line: 482
MISRA_EXCEPTION_RULE_20_5 Line: 486
MISRA_EXCEPTION_RULE_20_5 Line: 569
MISRA_EXCEPTION_RULE_20_5 Line: 573
MISRA_EXCEPTION_RULE_20_5 Line: 627
MISRA_EXCEPTION_RULE_20_5 Line: 631
MISRA_EXCEPTION_RULE_20_5 Line: 686
MISRA_EXCEPTION_RULE_20_5 Line: 690

EWL_C/src/sys/uart_console_io.c :

MISRA_EXCEPTION_RULE_14_5 Line: 101
MISRA_EXCEPTION_RULE_14_6 Line: 107
MISRA_EXCEPTION_RULE_14_6 Line: 113
MISRA_EXCEPTION_RULE_14_7 Line: 75
MISRA_EXCEPTION_RULE_14_7 Line: 147
MISRA_EXCEPTION_RULE_14_7 Line: 153
MISRA_EXCEPTION_RULE_16_7 Line: 57
MISRA_EXCEPTION_RULE_16_7 Line: 127

EWL_C/src/time.c

MISRA_EXCEPTION_RULE_10_1 Line: 782
MISRA_EXCEPTION_RULE_10_3 Line: 399
MISRA_EXCEPTION_RULE_12_4 Line: 104
MISRA_EXCEPTION_RULE_13_1 Line: 827
MISRA_EXCEPTION_RULE_14_7 Line: 179
MISRA_EXCEPTION_RULE_14_7 Line: 256
MISRA_EXCEPTION_RULE_14_7 Line: 342
MISRA_EXCEPTION_RULE_14_7 Line: 422
MISRA_EXCEPTION_RULE_14_7 Line: 430

MISRA_EXCEPTION_RULE_14_7 Line: 468
MISRA_EXCEPTION_RULE_14_7 Line: 541
MISRA_EXCEPTION_RULE_14_7 Line: 558
MISRA_EXCEPTION_RULE_14_7 Line: 566
MISRA_EXCEPTION_RULE_14_7 Line: 583
MISRA_EXCEPTION_RULE_14_7 Line: 591
MISRA_EXCEPTION_RULE_14_7 Line: 612
MISRA_EXCEPTION_RULE_14_7 Line: 620
MISRA_EXCEPTION_RULE_14_7 Line: 636
MISRA_EXCEPTION_RULE_14_7 Line: 644
MISRA_EXCEPTION_RULE_14_7 Line: 665
MISRA_EXCEPTION_RULE_14_7 Line: 693
MISRA_EXCEPTION_RULE_14_7 Line: 809
MISRA_EXCEPTION_RULE_14_7 Line: 838
MISRA_EXCEPTION_RULE_14_7 Line: 852
MISRA_EXCEPTION_RULE_14_7 Line: 1124
MISRA_EXCEPTION_RULE_14_7 Line: 1135
MISRA_EXCEPTION_RULE_16_1 Line: 654
MISRA_EXCEPTION_RULE_16_2 Line: 791
MISRA_EXCEPTION_RULE_17_3 Line: 78
MISRA_EXCEPTION_RULE_17_3 Line: 828
MISRA_EXCEPTION_RULE_19_6 Line: 30
MISRA_EXCEPTION_RULE_20_12 Line: 339
MISRA_EXCEPTION_RULE_20_12 Line: 485
MISRA_EXCEPTION_RULE_20_12 Line: 739
MISRA_EXCEPTION_RULE_20_12 Line: 747
MISRA_EXCEPTION_RULE_20_12 Line: 772
MISRA_EXCEPTION_RULE_20_12 Line: 783
MISRA_EXCEPTION_RULE_20_12 Line: 818
MISRA_EXCEPTION_RULE_20_12 Line: 903
MISRA_EXCEPTION_RULE_20_12 Line: 917
MISRA_EXCEPTION_RULE_20_12 Line: 978

MISRA_EXCEPTION_RULE_20_12 Line: 989
MISRA_EXCEPTION_RULE_20_12 Line: 1003
MISRA_EXCEPTION_RULE_20_12 Line: 1037
MISRA_EXCEPTION_RULE_20_12 Line: 1047
MISRA_EXCEPTION_RULE_20_12 Line: 1072
MISRA_EXCEPTION_RULE_20_12 Line: 1080
MISRA_EXCEPTION_RULE_20_12 Line: 1082
MISRA_EXCEPTION_RULE_20_12 Line: 1084
MISRA_EXCEPTION_RULE_20_9 Line: 40
MISRA_RESTORE Line: 32

EWL_C/src/wchar_io.c

MISRA_EXCEPTION_RULE_11_4 Line: 66
MISRA_EXCEPTION_RULE_11_4 Line: 88
MISRA_EXCEPTION_RULE_11_4 Line: 136
MISRA_EXCEPTION_RULE_11_4 Line: 157
MISRA_EXCEPTION_RULE_11_4 Line: 169
MISRA_EXCEPTION_RULE_11_4 Line: 264
MISRA_EXCEPTION_RULE_11_4 Line: 393
MISRA_EXCEPTION_RULE_11_4 Line: 418
MISRA_EXCEPTION_RULE_12_4 Line: 390
MISRA_EXCEPTION_RULE_14_7 Line: 62
MISRA_EXCEPTION_RULE_14_7 Line: 68
MISRA_EXCEPTION_RULE_14_7 Line: 84
MISRA_EXCEPTION_RULE_14_7 Line: 91
MISRA_EXCEPTION_RULE_14_7 Line: 162
MISRA_EXCEPTION_RULE_14_7 Line: 166
MISRA_EXCEPTION_RULE_14_7 Line: 171
MISRA_EXCEPTION_RULE_14_7 Line: 204
MISRA_EXCEPTION_RULE_14_7 Line: 210
MISRA_EXCEPTION_RULE_14_7 Line: 269
MISRA_EXCEPTION_RULE_14_7 Line: 274

MISRA_EXCEPTION_RULE_14_7 Line: 317
MISRA_EXCEPTION_RULE_14_7 Line: 373
MISRA_EXCEPTION_RULE_14_7 Line: 378
MISRA_EXCEPTION_RULE_14_7 Line: 424
MISRA_EXCEPTION_RULE_20_9 Line: 43

EWL_C/src/wcstold.c

MISRA_ALLOW_POINTER_CASTS Line: 122
MISRA_EXCEPTION_RULE_10_1 Line: 347
MISRA_EXCEPTION_RULE_10_1 Line: 352
MISRA_EXCEPTION_RULE_10_1 Line: 377
MISRA_EXCEPTION_RULE_10_1 Line: 387
MISRA_EXCEPTION_RULE_10_1 Line: 402
MISRA_EXCEPTION_RULE_10_1 Line: 412
MISRA_EXCEPTION_RULE_10_1 Line: 443
MISRA_EXCEPTION_RULE_10_1 Line: 453
MISRA_EXCEPTION_RULE_10_1 Line: 463
MISRA_EXCEPTION_RULE_10_1 Line: 480
MISRA_EXCEPTION_RULE_10_1 Line: 490
MISRA_EXCEPTION_RULE_10_1 Line: 524
MISRA_EXCEPTION_RULE_10_1 Line: 536
MISRA_EXCEPTION_RULE_10_1 Line: 616
MISRA_EXCEPTION_RULE_10_1 Line: 635
MISRA_EXCEPTION_RULE_10_1 Line: 645
MISRA_EXCEPTION_RULE_10_1 Line: 856
MISRA_EXCEPTION_RULE_10_1 Line: 861
MISRA_EXCEPTION_RULE_10_1 Line: 866
MISRA_EXCEPTION_RULE_10_2 Line: 727
MISRA_EXCEPTION_RULE_10_3 Line: 709
MISRA_EXCEPTION_RULE_10_3 Line: 768
MISRA_EXCEPTION_RULE_10_3 Line: 835
MISRA_EXCEPTION_RULE_10_5 Line: 802

MISRA_EXCEPTION_RULE_10_5 Line: 828
 MISRA_EXCEPTION_RULE_12_4 Line: 314
 MISRA_EXCEPTION_RULE_12_4 Line: 339
 MISRA_EXCEPTION_RULE_12_4 Line: 346
 MISRA_EXCEPTION_RULE_12_4 Line: 704
 MISRA_EXCEPTION_RULE_13_7 Line: 791
 MISRA_EXCEPTION_RULE_13_7 Line: 854
 MISRA_EXCEPTION_RULE_13_7 Line: 859
 MISRA_EXCEPTION_RULE_13_7 Line: 864
 MISRA_EXCEPTION_RULE_14_7 Line: 326
 MISRA_EXCEPTION_RULE_14_7 Line: 367
 MISRA_EXCEPTION_RULE_14_7 Line: 724
 MISRA_EXCEPTION_RULE_14_7 Line: 729
 MISRA_EXCEPTION_RULE_14_7 Line: 732
 MISRA_EXCEPTION_RULE_14_7 Line: 758
 MISRA_EXCEPTION_RULE_14_7 Line: 841
 MISRA_EXCEPTION_RULE_14_7 Line: 891
 MISRA_EXCEPTION_RULE_15_2 Line: 284
 MISRA_EXCEPTION_RULE_16_2 Line: 229
 MISRA_EXCEPTION_RULE_17_3 Line: 799
 MISRA_EXCEPTION_RULE_19_7 Line: 202
 MISRA_EXCEPTION_RULE_20_5 Line: 914
 MISRA_EXCEPTION_RULE_20_5 Line: 939
 MISRA_EXCEPTION_RULE_20_5 Line: 964
 MISRA_RESTORE Line: 226

EWL_C/src/wcstoul.c

MISRA_ALLOW_POINTER_CASTS Line: 96
 MISRA_EXCEPTION_RULE_10_1 Line: 155
 MISRA_EXCEPTION_RULE_10_1 Line: 159
 MISRA_EXCEPTION_RULE_10_1 Line: 170
 MISRA_EXCEPTION_RULE_10_1 Line: 181

MISRA_EXCEPTION_RULE_10_1 Line: 203
MISRA_EXCEPTION_RULE_10_1 Line: 221
MISRA_EXCEPTION_RULE_10_1 Line: 298
MISRA_EXCEPTION_RULE_10_1 Line: 302
MISRA_EXCEPTION_RULE_10_1 Line: 313
MISRA_EXCEPTION_RULE_10_1 Line: 324
MISRA_EXCEPTION_RULE_10_1 Line: 346
MISRA_EXCEPTION_RULE_10_1 Line: 353
MISRA_EXCEPTION_RULE_10_1 Line: 365
MISRA_EXCEPTION_RULE_10_3 Line: 424
MISRA_EXCEPTION_RULE_10_3 Line: 456
MISRA_EXCEPTION_RULE_12_4 Line: 213
MISRA_EXCEPTION_RULE_12_4 Line: 357
MISRA_EXCEPTION_RULE_12_7 Line: 482
MISRA_EXCEPTION_RULE_12_7 Line: 526
MISRA_EXCEPTION_RULE_16_2 Line: 117
MISRA_EXCEPTION_RULE_19_7 Line: 107
MISRA_EXCEPTION_RULE_20_5 Line: 420
MISRA_EXCEPTION_RULE_20_5 Line: 452
MISRA_EXCEPTION_RULE_20_5 Line: 487
MISRA_EXCEPTION_RULE_20_5 Line: 494
MISRA_EXCEPTION_RULE_20_5 Line: 531
MISRA_EXCEPTION_RULE_20_5 Line: 538
MISRA_EXCEPTION_RULE_20_9 Line: 88
MISRA_RESTORE Line: 115

EWL_C/src/wctrans.c

MISRA_EXCEPTION_RULE_14_7 Line: 45
MISRA_EXCEPTION_RULE_14_7 Line: 48
MISRA_EXCEPTION_RULE_14_7 Line: 59

EWL_C/src/wctype.c :

MISRA_EXCEPTION_RULE_10_1 Line: 189
MISRA_EXCEPTION_RULE_10_1 Line: 258
MISRA_EXCEPTION_RULE_14_7 Line: 290
MISRA_EXCEPTION_RULE_14_7 Line: 294
MISRA_EXCEPTION_RULE_14_7 Line: 298
MISRA_EXCEPTION_RULE_14_7 Line: 302
MISRA_EXCEPTION_RULE_14_7 Line: 306
MISRA_EXCEPTION_RULE_14_7 Line: 310
MISRA_EXCEPTION_RULE_14_7 Line: 314
MISRA_EXCEPTION_RULE_14_7 Line: 318
MISRA_EXCEPTION_RULE_14_7 Line: 322
MISRA_EXCEPTION_RULE_14_7 Line: 326
MISRA_EXCEPTION_RULE_14_7 Line: 330
MISRA_EXCEPTION_RULE_20_9 Line: 41

EWL_C/src/wmem.c

MISRA_EXCEPTION_RULE_10_1 Line: 114
MISRA_EXCEPTION_RULE_11_4 Line: 98
MISRA_EXCEPTION_RULE_14_7 Line: 43
MISRA_EXCEPTION_RULE_14_7 Line: 50
MISRA_EXCEPTION_RULE_14_7 Line: 67
MISRA_EXCEPTION_RULE_14_7 Line: 74
MISRA_EXCEPTION_RULE_14_7 Line: 99
MISRA_EXCEPTION_RULE_19_6 Line: 21
MISRA_RESTORE Line: 23

EWL_C/src/wprintf.c

MISRA_ALLOW_POINTER_CASTS Line: 58
MISRA_EXCEPTION_RULE_10_1 Line: 1122
MISRA_EXCEPTION_RULE_10_1 Line: 1125
MISRA_EXCEPTION_RULE_10_3 Line: 253

MISRA_EXCEPTION_RULE_10_3 Line: 280
MISRA_EXCEPTION_RULE_10_3 Line: 567
MISRA_EXCEPTION_RULE_10_3 Line: 685
MISRA_EXCEPTION_RULE_12_4 Line: 1232
MISRA_EXCEPTION_RULE_12_4 Line: 1513
MISRA_EXCEPTION_RULE_12_4 Line: 1525
MISRA_EXCEPTION_RULE_12_4 Line: 1824
MISRA_EXCEPTION_RULE_12_4 Line: 1870
MISRA_EXCEPTION_RULE_13_7 Line: 1085
MISRA_EXCEPTION_RULE_13_7 Line: 1089
MISRA_EXCEPTION_RULE_13_7 Line: 1093
MISRA_EXCEPTION_RULE_13_7 Line: 1120
MISRA_EXCEPTION_RULE_13_7 Line: 1143
MISRA_EXCEPTION_RULE_13_7 Line: 1168
MISRA_EXCEPTION_RULE_14_4 Line: 1320
MISRA_EXCEPTION_RULE_14_4 Line: 1334
MISRA_EXCEPTION_RULE_14_4 Line: 1578
MISRA_EXCEPTION_RULE_14_4 Line: 1587
MISRA_EXCEPTION_RULE_14_4 Line: 1640
MISRA_EXCEPTION_RULE_14_4 Line: 1649
MISRA_EXCEPTION_RULE_14_4 Line: 1680
MISRA_EXCEPTION_RULE_14_4 Line: 1698
MISRA_EXCEPTION_RULE_14_4 Line: 1763
MISRA_EXCEPTION_RULE_14_5 Line: 1798
MISRA_EXCEPTION_RULE_14_7 Line: 190
MISRA_EXCEPTION_RULE_14_7 Line: 262
MISRA_EXCEPTION_RULE_14_7 Line: 530
MISRA_EXCEPTION_RULE_14_7 Line: 604
MISRA_EXCEPTION_RULE_14_7 Line: 647
MISRA_EXCEPTION_RULE_14_7 Line: 721
MISRA_EXCEPTION_RULE_14_7 Line: 795
MISRA_EXCEPTION_RULE_14_7 Line: 835

MISRA_EXCEPTION_RULE_14_7 Line: 893
MISRA_EXCEPTION_RULE_14_7 Line: 967
MISRA_EXCEPTION_RULE_14_7 Line: 996
MISRA_EXCEPTION_RULE_14_7 Line: 1020
MISRA_EXCEPTION_RULE_14_7 Line: 1045
MISRA_EXCEPTION_RULE_14_7 Line: 1216
MISRA_EXCEPTION_RULE_14_7 Line: 1266
MISRA_EXCEPTION_RULE_14_7 Line: 1289
MISRA_EXCEPTION_RULE_14_7 Line: 1363
MISRA_EXCEPTION_RULE_14_7 Line: 1417
MISRA_EXCEPTION_RULE_14_7 Line: 1515
MISRA_EXCEPTION_RULE_14_7 Line: 1527
MISRA_EXCEPTION_RULE_14_7 Line: 1715
MISRA_EXCEPTION_RULE_14_7 Line: 1740
MISRA_EXCEPTION_RULE_14_7 Line: 1774
MISRA_EXCEPTION_RULE_14_7 Line: 1826
MISRA_EXCEPTION_RULE_14_7 Line: 1830
MISRA_EXCEPTION_RULE_14_7 Line: 1841
MISRA_EXCEPTION_RULE_14_7 Line: 1850
MISRA_EXCEPTION_RULE_14_7 Line: 1854
MISRA_EXCEPTION_RULE_14_7 Line: 1863
MISRA_EXCEPTION_RULE_14_7 Line: 1872
MISRA_EXCEPTION_RULE_14_7 Line: 1880
MISRA_EXCEPTION_RULE_14_7 Line: 1940
MISRA_EXCEPTION_RULE_14_7 Line: 1969
MISRA_EXCEPTION_RULE_14_7 Line: 1974
MISRA_EXCEPTION_RULE_14_7 Line: 2027
MISRA_EXCEPTION_RULE_14_7 Line: 2067
MISRA_EXCEPTION_RULE_14_7 Line: 2072
MISRA_EXCEPTION_RULE_14_7 Line: 2127
MISRA_EXCEPTION_RULE_14_7 Line: 2142
MISRA_EXCEPTION_RULE_14_7 Line: 2146

MISRA_EXCEPTION_RULE_14_7 Line: 2181
MISRA_EXCEPTION_RULE_14_7 Line: 2207
MISRA_EXCEPTION_RULE_14_7 Line: 2211
MISRA_EXCEPTION_RULE_14_7 Line: 2340
MISRA_EXCEPTION_RULE_14_7 Line: 2361
MISRA_EXCEPTION_RULE_15_2 Line: 434
MISRA_EXCEPTION_RULE_16_1 Line: 1934
MISRA_EXCEPTION_RULE_16_1 Line: 1961
MISRA_EXCEPTION_RULE_16_1 Line: 2019
MISRA_EXCEPTION_RULE_16_1 Line: 2058
MISRA_EXCEPTION_RULE_16_1 Line: 2251
MISRA_EXCEPTION_RULE_16_1 Line: 2263
MISRA_EXCEPTION_RULE_16_1 Line: 2275
MISRA_EXCEPTION_RULE_16_2 Line: 1475
MISRA_EXCEPTION_RULE_16_7 Line: 171
MISRA_EXCEPTION_RULE_17_3 Line: 602
MISRA_EXCEPTION_RULE_17_3 Line: 719
MISRA_EXCEPTION_RULE_17_3 Line: 1361
MISRA_EXCEPTION_RULE_17_3 Line: 1521
MISRA_EXCEPTION_RULE_17_3 Line: 1596
MISRA_EXCEPTION_RULE_17_3 Line: 1659
MISRA_EXCEPTION_RULE_17_3 Line: 1684
MISRA_EXCEPTION_RULE_17_3 Line: 1702
MISRA_EXCEPTION_RULE_17_3 Line: 1730
MISRA_EXCEPTION_RULE_17_3 Line: 1755
MISRA_EXCEPTION_RULE_19_6 Line: 29
MISRA_EXCEPTION_RULE_1_2a Line: 980
MISRA_EXCEPTION_RULE_1_2a Line: 983
MISRA_EXCEPTION_RULE_1_2a Line: 989
MISRA_EXCEPTION_RULE_1_2a Line: 992
MISRA_EXCEPTION_RULE_1_2a Line: 1004
MISRA_EXCEPTION_RULE_1_2a Line: 1007

MISRA_EXCEPTION_RULE_1_2a Line: 1013
 MISRA_EXCEPTION_RULE_1_2a Line: 1016
 MISRA_EXCEPTION_RULE_1_2a Line: 1029
 MISRA_EXCEPTION_RULE_1_2a Line: 1032
 MISRA_EXCEPTION_RULE_1_2a Line: 1038
 MISRA_EXCEPTION_RULE_1_2a Line: 1041
 MISRA_EXCEPTION_RULE_1_2a Line: 1250
 MISRA_EXCEPTION_RULE_1_2a Line: 1253
 MISRA_EXCEPTION_RULE_1_2a Line: 1259
 MISRA_EXCEPTION_RULE_1_2a Line: 1262
 MISRA_EXCEPTION_RULE_1_2a Line: 1273
 MISRA_EXCEPTION_RULE_1_2a Line: 1276
 MISRA_EXCEPTION_RULE_1_2a Line: 1282
 MISRA_EXCEPTION_RULE_1_2a Line: 1285
 MISRA_EXCEPTION_RULE_1_2c Line: 1534
 MISRA_EXCEPTION_RULE_1_2c Line: 1780
 MISRA_EXCEPTION_RULE_20_9 Line: 42
 MISRA_RESTORE Line: 31

EWL_C/src/wprintformat.c

MISRA_ALLOW_POINTER_CASTS Line: 47
 MISRA_EXCEPTION_RULE_10_1 Line: 624
 MISRA_EXCEPTION_RULE_10_1 Line: 633
 MISRA_EXCEPTION_RULE_10_1 Line: 638
 MISRA_EXCEPTION_RULE_10_1 Line: 1273
 MISRA_EXCEPTION_RULE_10_1 Line: 1278
 MISRA_EXCEPTION_RULE_10_1 Line: 1302
 MISRA_EXCEPTION_RULE_10_1 Line: 1707
 MISRA_EXCEPTION_RULE_10_3 Line: 1844
 MISRA_EXCEPTION_RULE_12_4 Line: 1501
 MISRA_EXCEPTION_RULE_12_4 Line: 1835
 MISRA_EXCEPTION_RULE_12_4 Line: 1849

MISRA_EXCEPTION_RULE_13_7 Line: 1227
MISRA_EXCEPTION_RULE_13_7 Line: 1232
MISRA_EXCEPTION_RULE_13_7 Line: 1237
MISRA_EXCEPTION_RULE_13_7 Line: 1270
MISRA_EXCEPTION_RULE_13_7 Line: 1299
MISRA_EXCEPTION_RULE_13_7 Line: 1333
MISRA_EXCEPTION_RULE_14_4 Line: 1616
MISRA_EXCEPTION_RULE_14_4 Line: 1632
MISRA_EXCEPTION_RULE_14_4 Line: 1921
MISRA_EXCEPTION_RULE_14_4 Line: 1931
MISRA_EXCEPTION_RULE_14_4 Line: 1991
MISRA_EXCEPTION_RULE_14_4 Line: 2001
MISRA_EXCEPTION_RULE_14_4 Line: 2029
MISRA_EXCEPTION_RULE_14_4 Line: 2049
MISRA_EXCEPTION_RULE_14_4 Line: 2131
MISRA_EXCEPTION_RULE_14_5 Line: 2167
MISRA_EXCEPTION_RULE_14_7 Line: 191
MISRA_EXCEPTION_RULE_14_7 Line: 274
MISRA_EXCEPTION_RULE_14_7 Line: 577
MISRA_EXCEPTION_RULE_14_7 Line: 670
MISRA_EXCEPTION_RULE_14_7 Line: 720
MISRA_EXCEPTION_RULE_14_7 Line: 808
MISRA_EXCEPTION_RULE_14_7 Line: 890
MISRA_EXCEPTION_RULE_14_7 Line: 933
MISRA_EXCEPTION_RULE_14_7 Line: 999
MISRA_EXCEPTION_RULE_14_7 Line: 1082
MISRA_EXCEPTION_RULE_14_7 Line: 1122
MISRA_EXCEPTION_RULE_14_7 Line: 1154
MISRA_EXCEPTION_RULE_14_7 Line: 1186
MISRA_EXCEPTION_RULE_14_7 Line: 1386
MISRA_EXCEPTION_RULE_14_7 Line: 1392
MISRA_EXCEPTION_RULE_14_7 Line: 1447

MISRA_EXCEPTION_RULE_14_7 Line: 1455
MISRA_EXCEPTION_RULE_14_7 Line: 1484
MISRA_EXCEPTION_RULE_14_7 Line: 1545
MISRA_EXCEPTION_RULE_14_7 Line: 1577
MISRA_EXCEPTION_RULE_14_7 Line: 1663
MISRA_EXCEPTION_RULE_14_7 Line: 1729
MISRA_EXCEPTION_RULE_14_7 Line: 1838
MISRA_EXCEPTION_RULE_14_7 Line: 1852
MISRA_EXCEPTION_RULE_14_7 Line: 2066
MISRA_EXCEPTION_RULE_14_7 Line: 2101
MISRA_EXCEPTION_RULE_14_7 Line: 2145
MISRA_EXCEPTION_RULE_14_7 Line: 2202
MISRA_EXCEPTION_RULE_14_7 Line: 2206
MISRA_EXCEPTION_RULE_14_7 Line: 2220
MISRA_EXCEPTION_RULE_14_7 Line: 2232
MISRA_EXCEPTION_RULE_14_7 Line: 2237
MISRA_EXCEPTION_RULE_14_7 Line: 2248
MISRA_EXCEPTION_RULE_14_7 Line: 2259
MISRA_EXCEPTION_RULE_14_7 Line: 2271
MISRA_EXCEPTION_RULE_15_2 Line: 463
MISRA_EXCEPTION_RULE_15_2 Line: 1706
MISRA_EXCEPTION_RULE_16_2 Line: 1798
MISRA_EXCEPTION_RULE_16_7 Line: 171
MISRA_EXCEPTION_RULE_17_3 Line: 667
MISRA_EXCEPTION_RULE_17_3 Line: 805
MISRA_EXCEPTION_RULE_17_3 Line: 1402
MISRA_EXCEPTION_RULE_17_3 Line: 1660
MISRA_EXCEPTION_RULE_17_3 Line: 1845
MISRA_EXCEPTION_RULE_17_3 Line: 1936
MISRA_EXCEPTION_RULE_17_3 Line: 2006
MISRA_EXCEPTION_RULE_17_3 Line: 2032
MISRA_EXCEPTION_RULE_17_3 Line: 2052

MISRA_EXCEPTION_RULE_17_3 Line: 2086
MISRA_EXCEPTION_RULE_17_3 Line: 2121
MISRA_EXCEPTION_RULE_1_2a Line: 1099
MISRA_EXCEPTION_RULE_1_2a Line: 1104
MISRA_EXCEPTION_RULE_1_2a Line: 1113
MISRA_EXCEPTION_RULE_1_2a Line: 1118
MISRA_EXCEPTION_RULE_1_2a Line: 1131
MISRA_EXCEPTION_RULE_1_2a Line: 1136
MISRA_EXCEPTION_RULE_1_2a Line: 1145
MISRA_EXCEPTION_RULE_1_2a Line: 1150
MISRA_EXCEPTION_RULE_1_2a Line: 1163
MISRA_EXCEPTION_RULE_1_2a Line: 1168
MISRA_EXCEPTION_RULE_1_2a Line: 1177
MISRA_EXCEPTION_RULE_1_2a Line: 1182
MISRA_EXCEPTION_RULE_1_2a Line: 1522
MISRA_EXCEPTION_RULE_1_2a Line: 1527
MISRA_EXCEPTION_RULE_1_2a Line: 1536
MISRA_EXCEPTION_RULE_1_2a Line: 1541
MISRA_EXCEPTION_RULE_1_2a Line: 1554
MISRA_EXCEPTION_RULE_1_2a Line: 1559
MISRA_EXCEPTION_RULE_1_2a Line: 1568
MISRA_EXCEPTION_RULE_1_2a Line: 1573
MISRA_EXCEPTION_RULE_1_2c Line: 1858
MISRA_EXCEPTION_RULE_20_9 Line: 29

EWL_C/src/wscanf.c

MISRA_ALLOW_POINTER_CASTS Line: 46
MISRA_EXCEPTION_RULE_10_3 Line: 146
MISRA_EXCEPTION_RULE_10_3 Line: 591
MISRA_EXCEPTION_RULE_12_4 Line: 306
MISRA_EXCEPTION_RULE_12_4 Line: 368
MISRA_EXCEPTION_RULE_12_4 Line: 413

MISRA_EXCEPTION_RULE_12_4 Line: 719
MISRA_EXCEPTION_RULE_12_4 Line: 756
MISRA_EXCEPTION_RULE_12_4 Line: 824
MISRA_EXCEPTION_RULE_12_4 Line: 886
MISRA_EXCEPTION_RULE_14_4 Line: 389
MISRA_EXCEPTION_RULE_14_4 Line: 416
MISRA_EXCEPTION_RULE_14_4 Line: 426
MISRA_EXCEPTION_RULE_14_4 Line: 456
MISRA_EXCEPTION_RULE_14_4 Line: 467
MISRA_EXCEPTION_RULE_14_4 Line: 535
MISRA_EXCEPTION_RULE_14_4 Line: 540
MISRA_EXCEPTION_RULE_14_4 Line: 574
MISRA_EXCEPTION_RULE_14_4 Line: 584
MISRA_EXCEPTION_RULE_14_4 Line: 665
MISRA_EXCEPTION_RULE_14_4 Line: 670
MISRA_EXCEPTION_RULE_14_4 Line: 729
MISRA_EXCEPTION_RULE_14_4 Line: 740
MISRA_EXCEPTION_RULE_14_4 Line: 763
MISRA_EXCEPTION_RULE_14_4 Line: 782
MISRA_EXCEPTION_RULE_14_4 Line: 841
MISRA_EXCEPTION_RULE_14_4 Line: 861
MISRA_EXCEPTION_RULE_14_4 Line: 933
MISRA_EXCEPTION_RULE_14_5 Line: 381
MISRA_EXCEPTION_RULE_14_5 Line: 394
MISRA_EXCEPTION_RULE_14_5 Line: 401
MISRA_EXCEPTION_RULE_14_5 Line: 714
MISRA_EXCEPTION_RULE_14_5 Line: 747
MISRA_EXCEPTION_RULE_14_5 Line: 772
MISRA_EXCEPTION_RULE_14_5 Line: 786
MISRA_EXCEPTION_RULE_14_5 Line: 819
MISRA_EXCEPTION_RULE_14_5 Line: 848
MISRA_EXCEPTION_RULE_14_5 Line: 868

MISRA_EXCEPTION_RULE_14_5 Line: 927
MISRA_EXCEPTION_RULE_14_7 Line: 133
MISRA_EXCEPTION_RULE_14_7 Line: 154
MISRA_EXCEPTION_RULE_14_7 Line: 942
MISRA_EXCEPTION_RULE_14_7 Line: 957
MISRA_EXCEPTION_RULE_14_7 Line: 960
MISRA_EXCEPTION_RULE_14_7 Line: 964
MISRA_EXCEPTION_RULE_14_7 Line: 967
MISRA_EXCEPTION_RULE_14_7 Line: 971
MISRA_EXCEPTION_RULE_14_7 Line: 987
MISRA_EXCEPTION_RULE_14_7 Line: 991
MISRA_EXCEPTION_RULE_14_7 Line: 1001
MISRA_EXCEPTION_RULE_14_7 Line: 1005
MISRA_EXCEPTION_RULE_14_7 Line: 1009
MISRA_EXCEPTION_RULE_14_7 Line: 1058
MISRA_EXCEPTION_RULE_14_7 Line: 1093
MISRA_EXCEPTION_RULE_14_7 Line: 1097
MISRA_EXCEPTION_RULE_14_7 Line: 1142
MISRA_EXCEPTION_RULE_14_7 Line: 1170
MISRA_EXCEPTION_RULE_14_7 Line: 1174
MISRA_EXCEPTION_RULE_14_7 Line: 1216
MISRA_EXCEPTION_RULE_14_7 Line: 1231
MISRA_EXCEPTION_RULE_14_7 Line: 1235
MISRA_EXCEPTION_RULE_14_7 Line: 1270
MISRA_EXCEPTION_RULE_14_7 Line: 1274
MISRA_EXCEPTION_RULE_14_7 Line: 1296
MISRA_EXCEPTION_RULE_14_7 Line: 1300
MISRA_EXCEPTION_RULE_14_7 Line: 1341
MISRA_EXCEPTION_RULE_14_7 Line: 1356
MISRA_EXCEPTION_RULE_15_2 Line: 803
MISRA_EXCEPTION_RULE_16_1 Line: 1040
MISRA_EXCEPTION_RULE_16_1 Line: 1074

MISRA_EXCEPTION_RULE_16_1 Line: 1132
 MISRA_EXCEPTION_RULE_16_1 Line: 1158
 MISRA_EXCEPTION_RULE_16_1 Line: 1388
 MISRA_EXCEPTION_RULE_16_1 Line: 1400
 MISRA_EXCEPTION_RULE_16_2 Line: 331
 MISRA_EXCEPTION_RULE_16_7 Line: 948
 MISRA_EXCEPTION_RULE_17_3 Line: 99
 MISRA_EXCEPTION_RULE_19_6 Line: 26
 MISRA_EXCEPTION_RULE_1_2c Line: 497
 MISRA_EXCEPTION_RULE_1_2c Line: 615
 MISRA_EXCEPTION_RULE_1_2c Line: 679
 MISRA_EXCEPTION_RULE_1_2c Line: 910
 MISRA_EXCEPTION_RULE_20_9 Line: 38
 MISRA_EXCEPTION_STD_TYPE Line: 77
 MISRA_EXCEPTION_STD_TYPE Line: 79
 MISRA_RESTORE Line: 28

EWL_C/src/wstring.c

MISRA_ALLOW_POINTER_CASTS Line: 53
 MISRA_EXCEPTION_RULE_10_3 Line: 682
 MISRA_EXCEPTION_RULE_10_3 Line: 695
 MISRA_EXCEPTION_RULE_12_4 Line: 97
 MISRA_EXCEPTION_RULE_13_1 Line: 113
 MISRA_EXCEPTION_RULE_13_1 Line: 121
 MISRA_EXCEPTION_RULE_13_1 Line: 165
 MISRA_EXCEPTION_RULE_13_1 Line: 182
 MISRA_EXCEPTION_RULE_13_1 Line: 242
 MISRA_EXCEPTION_RULE_13_1 Line: 253
 MISRA_EXCEPTION_RULE_13_1 Line: 308
 MISRA_EXCEPTION_RULE_13_1 Line: 327
 MISRA_EXCEPTION_RULE_13_1 Line: 475
 MISRA_EXCEPTION_RULE_13_1 Line: 490

MISRA_EXCEPTION_RULE_13_1 Line: 531
MISRA_EXCEPTION_RULE_13_1 Line: 552
MISRA_EXCEPTION_RULE_13_1 Line: 577
MISRA_EXCEPTION_RULE_13_1 Line: 590
MISRA_EXCEPTION_RULE_13_1 Line: 611
MISRA_EXCEPTION_RULE_13_1 Line: 623
MISRA_EXCEPTION_RULE_13_1 Line: 644
MISRA_EXCEPTION_RULE_13_1 Line: 656
MISRA_EXCEPTION_RULE_13_1 Line: 676
MISRA_EXCEPTION_RULE_13_1 Line: 689
MISRA_EXCEPTION_RULE_13_1 Line: 729
MISRA_EXCEPTION_RULE_13_1 Line: 744
MISRA_EXCEPTION_RULE_13_1 Line: 762
MISRA_EXCEPTION_RULE_13_1 Line: 777
MISRA_EXCEPTION_RULE_13_1 Line: 812
MISRA_EXCEPTION_RULE_13_1 Line: 818
MISRA_EXCEPTION_RULE_13_1 Line: 842
MISRA_EXCEPTION_RULE_13_1 Line: 848
MISRA_EXCEPTION_RULE_13_1 Line: 855
MISRA_EXCEPTION_RULE_14_7 Line: 90
MISRA_EXCEPTION_RULE_14_7 Line: 137
MISRA_EXCEPTION_RULE_14_7 Line: 145
MISRA_EXCEPTION_RULE_14_7 Line: 206
MISRA_EXCEPTION_RULE_14_7 Line: 215
MISRA_EXCEPTION_RULE_14_7 Line: 221
MISRA_EXCEPTION_RULE_14_7 Line: 270
MISRA_EXCEPTION_RULE_14_7 Line: 279
MISRA_EXCEPTION_RULE_14_7 Line: 286
MISRA_EXCEPTION_RULE_14_7 Line: 352
MISRA_EXCEPTION_RULE_14_7 Line: 361
MISRA_EXCEPTION_RULE_14_7 Line: 370
MISRA_EXCEPTION_RULE_14_7 Line: 376

MISRA_EXCEPTION_RULE_14_7 Line: 400
MISRA_EXCEPTION_RULE_14_7 Line: 414
MISRA_EXCEPTION_RULE_14_7 Line: 437
MISRA_EXCEPTION_RULE_14_7 Line: 454
MISRA_EXCEPTION_RULE_14_7 Line: 478
MISRA_EXCEPTION_RULE_14_7 Line: 493
MISRA_EXCEPTION_RULE_14_7 Line: 539
MISRA_EXCEPTION_RULE_14_7 Line: 560
MISRA_EXCEPTION_RULE_14_7 Line: 580
MISRA_EXCEPTION_RULE_14_7 Line: 593
MISRA_EXCEPTION_RULE_14_7 Line: 614
MISRA_EXCEPTION_RULE_14_7 Line: 626
MISRA_EXCEPTION_RULE_14_7 Line: 721
MISRA_EXCEPTION_RULE_14_7 Line: 738
MISRA_EXCEPTION_RULE_14_7 Line: 771
MISRA_EXCEPTION_RULE_14_7 Line: 814
MISRA_EXCEPTION_RULE_14_7 Line: 828
MISRA_EXCEPTION_RULE_14_7 Line: 844
MISRA_EXCEPTION_RULE_14_7 Line: 860
MISRA_EXCEPTION_RULE_17_3 Line: 98
MISRA_EXCEPTION_RULE_17_3 Line: 650
MISRA_EXCEPTION_RULE_17_3 Line: 662
MISRA_EXCEPTION_RULE_17_3 Line: 683
MISRA_EXCEPTION_RULE_17_3 Line: 696
MISRA_EXCEPTION_RULE_19_6 Line: 38
MISRA_EXCEPTION_RULE_1_2a Line: 149
MISRA_EXCEPTION_RULE_1_2a Line: 213
MISRA_EXCEPTION_RULE_1_2a Line: 225
MISRA_EXCEPTION_RULE_1_2a Line: 290
MISRA_EXCEPTION_RULE_1_2a Line: 368
MISRA_EXCEPTION_RULE_1_2a Line: 380
MISRA_EXCEPTION_RULE_1_2a Line: 512

MISRA_EXCEPTION_RULE_1_2b Line: 397
MISRA_EXCEPTION_RULE_1_2b Line: 411
MISRA_EXCEPTION_RULE_1_2b Line: 435
MISRA_EXCEPTION_RULE_1_2b Line: 452
MISRA_EXCEPTION_RULE_1_2b Line: 824
MISRA_EXCEPTION_RULE_1_2b Line: 856
MISRA_EXCEPTION_RULE_20_9 Line: 47
MISRA_RESTORE Line: 40

EWL_C/src/wtime.c

MISRA_EXCEPTION_RULE_10_1 Line: 356
MISRA_EXCEPTION_RULE_13_1 Line: 103
MISRA_EXCEPTION_RULE_14_7 Line: 45
MISRA_EXCEPTION_RULE_14_7 Line: 58
MISRA_EXCEPTION_RULE_16_1 Line: 36
MISRA_EXCEPTION_RULE_16_2 Line: 59
MISRA_EXCEPTION_RULE_17_3 Line: 119
MISRA_EXCEPTION_RULE_20_12 Line: 93
MISRA_EXCEPTION_RULE_20_12 Line: 357
MISRA_EXCEPTION_RULE_20_9 Line: 28

Power Architecture

This chapter contains these topics for Power Architecture.

- [Inline Assembly](#)
- [General Exceptions](#)

Inline Assembly

Inline assembly is altogether ignored when checking for MISRA-C:2004 compliancy.

General Exceptions

This section lists the MISRA-C:2004 compliance exceptions for the Freescale EWL C library. The exceptions listed cover all EWL C files and targets. However, the PA and ARM targets have been fully tested for compliance at this point.

MISRA violations were detected using the PC-Lint 9.00d tool and the `lint/au-misra2.lnt` checker file. To verify these results you can use the makefiles that are used to build a target's library files:

```
make -C ewl/EWL_C -f -f EWL_C.PA.mak misra PLATFORM=PA \  
LNTDIR="/cygdrive/d/Lint" \  
LNTINCL="-iD:/Lint/lnt" \  
misra
```

This should list no MISRA violations or other PC-Lint warnings/errors.

EWL uses `EXCEPTION_RULE_*()` macros to silence violations, e.g:

```
#define MISRA_EXCEPTION_RULE_20_5() \  
/*lint -e{586} MISRA 2004 Rule 20.5: errno shall not be used  
*/
```

The exception macros are defined in the header file `EWL_C/include/ewl_misra_types.h`.

MISRA_ALLOW_POINTER_CASTS

This topic lists the MISRA rule for pointer casts.

MISRA 2004 Rule 11.4: Cast from pointer to pointer/void

Used to globally disable pointer casting related messages in some source files.

```
EWL_C/src/alloc.c Line: 40
EWL_C/src/alloc.c Line: 490
EWL_C/src/alloc.c Line: 653
EWL_C/src/alloc.c Line: 992
EWL_C/src/alloc.c Line: 1702
EWL_C/src/mbstring.c Line: 47
EWL_C/src/mem_funcs.c Line: 56
EWL_C/src/printformat.c Line: 48
EWL_C/src/scanformat.c Line: 48
EWL_C/src/string.c Line: 60
EWL_C/src/strtoul.c Line: 87
EWL_C/src/wcstold.c Line: 122
EWL_C/src/wcstoul.c Line: 96
EWL_C/src/wprintf.c Line: 58
EWL_C/src/wprintfformat.c Line: 47
EWL_C/src/wscanf.c Line: 46
EWL_C/src/wstring.c Line: 53
```

MISRA_EXCEPTION_CMATH_MACROS

This topic lists the MISRA rule for cmath macro.

macro (506 970, signbit, fpclassify)

Used to implement signbit and fpclassify macros.

- * MISRA 2004 Rules 13.7 and 14.1: Constant value Boolean
- * MISRA 2004 Rule 6.3: Use of modifier or type outside of a typedef

```
EWL_C/include/ansi_parms.h Line: 458
```

EWL_C/include/cmath Line: 28

MISRA_EXCEPTION_FLOAT_CAST

Exceptions to allow bit pattern -> floating point casts

Used to generate floating point values from bit patterns.

* MISRA 2004 Rule 1.2: unusual pointer casts

* unusual pointer cast

* MISRA 2004 Rule 6.3: Use of modifier or type outside of a typedef

EWL_C/include/ansi_parms.h Line: 457

EWL_C/include/cfloat Line: 99

EWL_C/include/cfloat Line: 100

EWL_C/include/cfloat Line: 101

EWL_C/include/cfloat Line: 155

EWL_C/include/cfloat Line: 156

EWL_C/include/cfloat Line: 157

EWL_C/include/cfloat Line: 211

EWL_C/include/cfloat Line: 212

EWL_C/include/cfloat Line: 213

EWL_C/include/cmath Line: 106

EWL_C/include/cmath Line: 122

EWL_C/include/cmath Line: 126

EWL_C/include/cmath Line: 151

EWL_C/include/cmath Line: 184

EWL_C/include/sun_math/fdlibm.h Line: 85

EWL_C/src/coldfire/math_cf.c Line: 48

MISRA_EXCEPTION_LONG_NAME

This topic lists the MISRA rule for long internal name.

MISRA 2004 Rule 1.2, 1.4 and 5.1: Allow long internal name

Used to allow long file names, e.g., "__ewl_generic_count_leading_zero32".

EWL_C/src/arm/float_exceptions.c Line: 44
 EWL_C/src/arm/float_exceptions.c Line: 154
 EWL_C/src/math_api.c Line: 61

MISRA_EXCEPTION_MATHAPISP_MACROS

This topic lists the MISRA rule to access floats as words.

macro (929, GET_FLOAT_WORD, GET_FLOAT_UWORD, SET_FLOAT_WORD, SET_FLOAT_UWORD)

Used to implement GET_FLOAT_WORD, GET_FLOAT_UWORD, SET_FLOAT_WORD, SET_FLOAT_UWORD macros (to access floats as words).

* MISRA 2004 Rule 11.4: Cast from pointer to pointer

EWL_C/include/ansi_parms.h Line: 461
 EWL_C/include/pa/fdlibm_pa.h Line: 24

MISRA_EXCEPTION_MATHAPI_MACROS

This topic lists the MISRA rule to access double hi/lo words.

macro (929, __HI, __UHI, __LO, __ULO)

Used to implement __HI, __UHI, __LO, __ULO macros (to access double hi/lo words).

* MISRA 2004 Rule 11.4: Cast from pointer to pointer

EWL_C/include/ansi_parms.h Line: 460
 EWL_C/include/math_api.h Line: 26
 EWL_C/include/math_api.h Line: 42
 EWL_C/include/math_api.h Line: 48

MISRA_EXCEPTION_RULE_10_1

This topic lists the MISRA rule for converting expressions.

MISRA 2004 Rule 10.1: converting expressions

Used to allow implicit and explicit arithmetic conversions.

```
EWL_C/src/alloc.c Line: 327
EWL_C/src/alloc.c Line: 465
EWL_C/src/alloc.c Line: 2233
EWL_C/src/alloc.c Line: 2235
EWL_C/src/alloc.c Line: 2781
EWL_C/src/alloc.c Line: 2784
EWL_C/src/alloc.c Line: 2788
EWL_C/src/alloc.c Line: 2807
EWL_C/src/alloc.c Line: 2812
EWL_C/src/alloc.c Line: 2849
EWL_C/src/alloc.c Line: 2863
EWL_C/src/alloc.c Line: 2868
EWL_C/src/alloc.c Line: 2885
EWL_C/src/alloc.c Line: 2890
EWL_C/src/alloc.c Line: 2988
EWL_C/src/locale.c Line: 185
EWL_C/src/printformat.c Line: 1441
EWL_C/src/printformat.c Line: 1444
EWL_C/src/printformat.c Line: 1465
EWL_C/src/printformat.c Line: 1756
EWL_C/src/printformat.c Line: 1815
EWL_C/src/scanformat.c Line: 613
EWL_C/src/scanformat.c Line: 1227
EWL_C/src/scanformat.c Line: 1267
EWL_C/src/scanformat.c Line: 1383
EWL_C/src/string.c Line: 153
EWL_C/src/string.c Line: 159
EWL_C/src/string.c Line: 222
EWL_C/src/string.c Line: 228
EWL_C/src/string.c Line: 244
```

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General Exceptions

EWL_C/src/string.c Line: 250
EWL_C/src/string.c Line: 261
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 46
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 70
EWL_C/src/sun_math/Single_precision/s_ceilf.c Line: 49
EWL_C/src/sun_math/ansi_fp.c Line: 138
EWL_C/src/sun_math/ansi_fp.c Line: 143
EWL_C/src/sun_math/ansi_fp.c Line: 658
EWL_C/src/sun_math/ansi_fp.c Line: 692
EWL_C/src/sun_math/ansi_fp.c Line: 696
EWL_C/src/sun_math/ansi_fp.c Line: 706
EWL_C/src/sun_math/ansi_fp.c Line: 708
EWL_C/src/sun_math/ansi_fp.c Line: 767
EWL_C/src/sun_math/ansi_fp.c Line: 797
EWL_C/src/sun_math/ansi_fp.c Line: 938
EWL_C/src/sun_math/ansi_fp.c Line: 972
EWL_C/src/sun_math/ansi_fp.c Line: 1256
EWL_C/src/time.c Line: 782
EWL_C/src/wcstold.c Line: 347
EWL_C/src/wcstold.c Line: 352
EWL_C/src/wcstold.c Line: 377
EWL_C/src/wcstold.c Line: 387
EWL_C/src/wcstold.c Line: 402
EWL_C/src/wcstold.c Line: 412
EWL_C/src/wcstold.c Line: 443
EWL_C/src/wcstold.c Line: 453
EWL_C/src/wcstold.c Line: 463
EWL_C/src/wcstold.c Line: 480
EWL_C/src/wcstold.c Line: 490
EWL_C/src/wcstold.c Line: 524
EWL_C/src/wcstold.c Line: 536
EWL_C/src/wcstold.c Line: 616

EWL_C/src/wcstold.c Line: 635
 EWL_C/src/wcstold.c Line: 645
 EWL_C/src/wcstold.c Line: 856
 EWL_C/src/wcstold.c Line: 861
 EWL_C/src/wcstold.c Line: 866
 EWL_C/src/wcstoul.c Line: 155
 EWL_C/src/wcstoul.c Line: 159
 EWL_C/src/wcstoul.c Line: 170
 EWL_C/src/wcstoul.c Line: 181
 EWL_C/src/wcstoul.c Line: 203
 EWL_C/src/wcstoul.c Line: 221
 EWL_C/src/wcstoul.c Line: 298
 EWL_C/src/wcstoul.c Line: 302
 EWL_C/src/wcstoul.c Line: 313
 EWL_C/src/wcstoul.c Line: 324
 EWL_C/src/wcstoul.c Line: 346
 EWL_C/src/wcstoul.c Line: 353
 EWL_C/src/wcstoul.c Line: 365
 EWL_C/src/wctype.c Line: 189
 EWL_C/src/wctype.c Line: 258
 EWL_C/src/wmem.c Line: 114
 EWL_C/src/wprintf.c Line: 1122
 EWL_C/src/wprintf.c Line: 1125
 EWL_C/src/wprintfformat.c Line: 624
 EWL_C/src/wprintfformat.c Line: 633
 EWL_C/src/wprintfformat.c Line: 638
 EWL_C/src/wprintfformat.c Line: 1273
 EWL_C/src/wprintfformat.c Line: 1278
 EWL_C/src/wprintfformat.c Line: 1302
 EWL_C/src/wprintfformat.c Line: 1707
 EWL_C/src/wtime.c Line: 356

MISRA_EXCEPTION_RULE_10_2

This topic lists the MISRA rule for complex returns.

MISRA 2004 Rule 10.2: Complex returns

Used to allow conversions in return statements, e.g., "return NAN;".

```
EWL_C/src/math_fma.c Line: 65
EWL_C/src/math_fma.c Line: 77
EWL_C/src/math_fma.c Line: 82
EWL_C/src/math_fma.c Line: 88
EWL_C/src/math_fma.c Line: 117
EWL_C/src/math_fma.c Line: 123
EWL_C/src/math_fma.c Line: 131
EWL_C/src/math_fma.c Line: 136
EWL_C/src/math_fma.c Line: 148
EWL_C/src/math_fma.c Line: 152
EWL_C/src/math_fma.c Line: 159
EWL_C/src/math_fma.c Line: 529
EWL_C/src/math_fma.c Line: 534
EWL_C/src/math_fma.c Line: 540
EWL_C/src/math_fma.c Line: 569
EWL_C/src/math_fma.c Line: 575
EWL_C/src/math_fma.c Line: 583
EWL_C/src/math_fma.c Line: 588
EWL_C/src/wcstold.c Line: 727
```

MISRA_EXCEPTION_RULE_10_3

This topic lists the MISRA rule for the cast of expressions.

MISRA 2004 Rule 10.3: Cast of expressions

Used to allow casting of expressions, e.g., "(int32_t)(x_i & 0x7F800000UL);".

```
EWL_C/src/math_float.c Line: 99
EWL_C/src/math_float.c Line: 129
```

EWL_C/src/math_fma.c Line: 40
EWL_C/src/math_fma.c Line: 42
EWL_C/src/math_fma.c Line: 44
EWL_C/src/math_fma.c Line: 312
EWL_C/src/math_fma.c Line: 327
EWL_C/src/math_fma.c Line: 413
EWL_C/src/math_fma.c Line: 424
EWL_C/src/math_fma.c Line: 495
EWL_C/src/math_fma.c Line: 497
EWL_C/src/math_fma.c Line: 499
EWL_C/src/math_fma.c Line: 742
EWL_C/src/math_fma.c Line: 751
EWL_C/src/math_fma.c Line: 795
EWL_C/src/math_fma.c Line: 805
EWL_C/src/mem.c Line: 201
EWL_C/src/mem_funcs.c Line: 179
EWL_C/src/mem_funcs.c Line: 331
EWL_C/src/mem_funcs.c Line: 504
EWL_C/src/sc/fenv_StarCore.c Line: 136
EWL_C/src/sc/fenv_StarCore.c Line: 155
EWL_C/src/sc/file_io_StarCore.c Line: 345
EWL_C/src/sc/math_StarCore.c Line: 78
EWL_C/src/sc/math_StarCore.c Line: 110
EWL_C/src/sc/mem_funcs_cpy_StarCore.c Line: 99
EWL_C/src/sc/mem_funcs_cpy_StarCore.c Line: 118
EWL_C/src/sc/mem_funcs_set_StarCore.c Line: 107
EWL_C/src/sc/signal_StarCore.c Line: 97
EWL_C/src/scanformat.c Line: 930
EWL_C/src/scanformat.c Line: 937
EWL_C/src/string.c Line: 685
EWL_C/src/string.c Line: 895
EWL_C/src/string.c Line: 917

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General Exceptions

EWL_C/src/string.c Line: 948
 EWL_C/src/string.c Line: 970
 EWL_C/src/strtold.c Line: 728
 EWL_C/src/strtold.c Line: 816
 EWL_C/src/strtold.c Line: 896
 EWL_C/src/strtoul.c Line: 277
 EWL_C/src/strtoul.c Line: 356
 EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 78
 EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 84
 EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 62
 EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 32
 EWL_C/src/sun_math/Double_precision/e_log10.c Line: 129
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 263
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 327
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 384
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 413
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 416
 EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 169
 EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 206
 EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 294
 EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 356
 EWL_C/src/sun_math/Double_precision/k_tan.c Line: 89
 EWL_C/src/sun_math/Double_precision/s_frexp.c Line: 57
 EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 38
 EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 47
 EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 173
 EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 180
 EWL_C/src/sun_math/Double_precision/s_modf.c Line: 48
 EWL_C/src/sun_math/Double_precision/s_nextafter.c Line: 85
 EWL_C/src/sun_math/Double_precision/s_rint.c Line: 58
 EWL_C/src/sun_math/Double_precision/s_rint.c Line: 67
 EWL_C/src/sun_math/Double_precision/s_rint.c Line: 69

```

EWL_C/src/sun_math/Double_precision/s_rintf.c Line: 89
EWL_C/src/sun_math/Double_precision/s_tanf.c Line: 75
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 70
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 63
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 120
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 363
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 366
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 98
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:
109
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:192
EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 70
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 127
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 213
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 67
EWL_C/src/sun_math/Single_precision/s_frexp.c Line: 61
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 129
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 137
EWL_C/src/sun_math/Single_precision/s_modff.c Line: 48
EWL_C/src/sun_math/Single_precision/s_nextafterf.c Line:82
EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 54
EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 56
EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 84
EWL_C/src/sun_math/Single_precision/s_tanf.c Line: 59
EWL_C/src/sun_math/ansi_fp.c Line: 250
EWL_C/src/sun_math/ansi_fp.c Line: 300
EWL_C/src/sun_math/ansi_fp.c Line: 311
EWL_C/src/sun_math/ansi_fp.c Line: 351
EWL_C/src/sun_math/ansi_fp.c Line: 729
EWL_C/src/sun_math/ansi_fp.c Line: 966
EWL_C/src/sun_math/ansi_fp.c Line: 986
EWL_C/src/time.c Line: 399
EWL_C/src/wcstold.c Line: 709

```

```
EWL_C/src/wcstold.c Line: 768
EWL_C/src/wcstold.c Line: 835
EWL_C/src/wcstoul.c Line: 424
EWL_C/src/wcstoul.c Line: 456
EWL_C/src/wprintf.c Line: 253
EWL_C/src/wprintf.c Line: 280
EWL_C/src/wprintf.c Line: 567
EWL_C/src/wprintf.c Line: 685
EWL_C/src/wprintfformat.c Line: 1844
EWL_C/src/wscanf.c Line: 146
EWL_C/src/wscanf.c Line: 591
EWL_C/src/wstring.c Line: 682
EWL_C/src/wstring.c Line: 695
```

MISRA_EXCEPTION_RULE_10_4

This topic lists the MISRA rule for the cast of floating point.

MISRA 2004 Rule 10.4: cast of floating point

Used to allow casting of floating point expressions.

```
EWL_C/src/sc/exp_StarCore.c Line: 150
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 113
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 123
```

MISRA_EXCEPTION_RULE_10_5

This topic lists the MISRA rule for the shifting of signed expressions.

MISRA 2004 Rule 10.5: Shift left of signed quantity

Used to allow shifting of signed expressions, e.g., "a << 1".

```
EWL_C/src/strtold.c Line: 863
EWL_C/src/strtold.c Line: 889
EWL_C/src/wcstold.c Line: 802
```

EWL_C/src/wcstold.c Line: 828

MISRA_EXCEPTION_RULE_11_3

This topic lists the MISRA rule for the pointer alignment computations.

MISRA 2004 Rule 11.3: Cast pointer/non-pointer

Used in pointer alignment computations, e.g., "`((uint32_t)ptr & 3UL)`."

EWL_C/src/alloc.c Line: 261

EWL_C/src/alloc.c Line: 266

EWL_C/src/alloc.c Line: 311

EWL_C/src/alloc.c Line: 320

EWL_C/src/alloc.c Line: 380

EWL_C/src/alloc.c Line: 422

EWL_C/src/alloc.c Line: 455

EWL_C/src/mem.c Line: 89

EWL_C/src/mem.c Line: 101

EWL_C/src/mem_funcs.c Line: 88

EWL_C/src/mem_funcs.c Line: 120

EWL_C/src/mem_funcs.c Line: 124

EWL_C/src/mem_funcs.c Line: 180

EWL_C/src/mem_funcs.c Line: 264

EWL_C/src/mem_funcs.c Line: 332

EWL_C/src/mem_funcs.c Line: 348

EWL_C/src/mem_funcs.c Line: 430

EWL_C/src/mem_funcs.c Line: 440

EWL_C/src/mem_funcs.c Line: 505

EWL_C/src/printf.c Line: 68

EWL_C/src/printf.c Line: 87

EWL_C/src/sc/mem_funcs_cpy_StarCore.c Line: 45

EWL_C/src/sc/mem_funcs_cpy_StarCore.c Line: 88

EWL_C/src/sc/signal_StarCore.c Line: 116

EWL_C/src/signal.c Line: 35

EWL_C/src/signal.c Line: 64
EWL_C/src/signal.c Line: 71
EWL_C/src/string.c Line: 146
EWL_C/src/string.c Line: 424

MISRA_EXCEPTION_RULE_11_4

This topic lists the MISRA rule for casting from pointer to pointer.

MISRA 2004 Rule 11.4: cast from pointer to pointer

Used for opaque data structure accessing or floating point bit pattern manipulations, e.g., "(struct_FILE *)_file".

EWL_C/src/ansi_files.c Line: 329
EWL_C/src/ansi_files.c Line: 360
EWL_C/src/arm/file_io_aeabi.c Line: 33
EWL_C/src/arm/file_io_aeabi.c Line: 37
EWL_C/src/arm/file_io_aeabi.c Line: 41
EWL_C/src/arm/locale1_aeabi.c Line: 25
EWL_C/src/arm/math_ARM.c Line: 47
EWL_C/src/buffer_io.c Line: 130
EWL_C/src/buffer_io.c Line: 140
EWL_C/src/buffer_io.c Line: 150
EWL_C/src/buffer_io.c Line: 204
EWL_C/src/buffer_io.c Line: 217
EWL_C/src/buffer_io.c Line: 243
EWL_C/src/buffer_io.c Line: 318
EWL_C/src/char_io.c Line: 50
EWL_C/src/char_io.c Line: 105
EWL_C/src/char_io.c Line: 129
EWL_C/src/char_io.c Line: 166
EWL_C/src/char_io.c Line: 219
EWL_C/src/char_io.c Line: 253

EWL_C/src/char_io.c Line: 290
EWL_C/src/char_io.c Line: 325
EWL_C/src/char_io.c Line: 357
EWL_C/src/char_io.c Line: 368
EWL_C/src/char_io.c Line: 436
EWL_C/src/char_io.c Line: 463
EWL_C/src/char_io.c Line: 492
EWL_C/src/char_io.c Line: 520
EWL_C/src/char_io.c Line: 540
EWL_C/src/char_io.c Line: 550
EWL_C/src/coldfire/uart_console_io_cf.c Line: 82
EWL_C/src/direct_io.c Line: 66
EWL_C/src/direct_io.c Line: 120
EWL_C/src/direct_io.c Line: 212
EWL_C/src/file_io.c Line: 178
EWL_C/src/file_io.c Line: 223
EWL_C/src/file_pos.c Line: 40
EWL_C/src/file_pos.c Line: 171
EWL_C/src/file_pos.c Line: 312
EWL_C/src/file_pos.c Line: 315
EWL_C/src/locale.c Line: 51
EWL_C/src/locale.c Line: 88
EWL_C/src/locale.c Line: 94
EWL_C/src/locale.c Line: 101
EWL_C/src/math_api.c Line: 113
EWL_C/src/math_api.c Line: 121
EWL_C/src/math_double.c Line: 56
EWL_C/src/math_double.c Line: 59
EWL_C/src/math_double.c Line: 93
EWL_C/src/math_float.c Line: 64
EWL_C/src/math_float.c Line: 201
EWL_C/src/math_float.c Line: 204

Power Architecture

General Exceptions

EWL_C/src/math_fma.c Line: 486
 EWL_C/src/math_fma.c Line: 489
 EWL_C/src/math_fma.c Line: 492
 EWL_C/src/math_fma.c Line: 780
 EWL_C/src/math_fma.c Line: 811
 EWL_C/src/math_fma.c Line: 820
 EWL_C/src/math_fma.c Line: 851
 EWL_C/src/misc_io.c Line: 37
 EWL_C/src/misc_io.c Line: 46
 EWL_C/src/misc_io.c Line: 56
 EWL_C/src/pa/math_ppc.c Line: 152
 EWL_C/src/printf.c Line: 69
 EWL_C/src/sc/math_StarCore.c Line: 31
 EWL_C/src/sc/math_StarCore.c Line: 34
 EWL_C/src/sc/math_StarCore.c Line: 119
 EWL_C/src/scanf.c Line: 83
 EWL_C/src/scanf.c Line: 466
 EWL_C/src/scanf.c Line: 488
 EWL_C/src/strtold.c Line: 811
 EWL_C/src/strtold.c Line: 947
 EWL_C/src/strtold.c Line: 965
 EWL_C/src/strtold.c Line: 969
 EWL_C/src/strtold.c Line: 990
 EWL_C/src/strtold.c Line: 994
 EWL_C/src/strtold.c Line: 1017
 EWL_C/src/strtold.c Line: 1021
 EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 93
 EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 90
 EWL_C/src/sun_math/ansi_fp.c Line: 136
 EWL_C/src/sun_math/ansi_fp.c Line: 141
 EWL_C/src/sun_math/ansi_fp.c Line: 820
 EWL_C/src/sun_math/ansi_fp.c Line: 1000

EWL_C/src/sun_math/ansi_fp.c Line: 1046
EWL_C/src/sun_math/ansi_fp.c Line: 1235
EWL_C/src/wchar_io.c Line: 66
EWL_C/src/wchar_io.c Line: 88
EWL_C/src/wchar_io.c Line: 136
EWL_C/src/wchar_io.c Line: 157
EWL_C/src/wchar_io.c Line: 169
EWL_C/src/wchar_io.c Line: 264
EWL_C/src/wchar_io.c Line: 393
EWL_C/src/wchar_io.c Line: 418
EWL_C/src/wmem.c Line: 98

MISRA_EXCEPTION_RULE_12_4

This topic lists the MISRA rule for side effect in logical expressions.

MISRA 2004 Rule 12.4: side effect righthand of && or ||

Used to allow side effect in logical expressions, e.g., "if (isnan(x) || isnan(y)) ...".

EWL_C/src/char_io.c Line: 192
EWL_C/src/math_fma.c Line: 63
EWL_C/src/math_fma.c Line: 516
EWL_C/src/printformat.c Line: 1647
EWL_C/src/printformat.c Line: 1933
EWL_C/src/printformat.c Line: 1945
EWL_C/src/printformat.c Line: 2381
EWL_C/src/printformat.c Line: 2429
EWL_C/src/sc/pow_StarCore.c Line: 93
EWL_C/src/scanformat.c Line: 448
EWL_C/src/scanformat.c Line: 614
EWL_C/src/scanformat.c Line: 690
EWL_C/src/scanformat.c Line: 1226
EWL_C/src/scanformat.c Line: 1266

Power Architecture

General Exceptions

EWL_C/src/scanformat.c Line: 1384
EWL_C/src/scanformat.c Line: 1440
EWL_C/src/string.c Line: 1193
EWL_C/src/string.c Line: 1225
EWL_C/src/string.c Line: 1268
EWL_C/src/strtold.c Line: 345
EWL_C/src/strtold.c Line: 370
EWL_C/src/strtold.c Line: 377
EWL_C/src/strtold.c Line: 723
EWL_C/src/strtoul.c Line: 196
EWL_C/src/strtoul.c Line: 454
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 121
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 92
EWL_C/src/sun_math/ansi_fp.c Line: 1024
EWL_C/src/time.c Line: 104
EWL_C/src/wchar_io.c Line: 390
EWL_C/src/wcstold.c Line: 314
EWL_C/src/wcstold.c Line: 339
EWL_C/src/wcstold.c Line: 346
EWL_C/src/wcstold.c Line: 704
EWL_C/src/wcstoul.c Line: 213
EWL_C/src/wcstoul.c Line: 357
EWL_C/src/wprintf.c Line: 1232
EWL_C/src/wprintf.c Line: 1513
EWL_C/src/wprintf.c Line: 1525
EWL_C/src/wprintf.c Line: 1824
EWL_C/src/wprintf.c Line: 1870
EWL_C/src/wprintfformat.c Line: 1501
EWL_C/src/wprintfformat.c Line: 1835
EWL_C/src/wprintfformat.c Line: 1849
EWL_C/src/wscanf.c Line: 306
EWL_C/src/wscanf.c Line: 368

EWL_C/src/wscanf.c Line: 413

EWL_C/src/wscanf.c Line: 719

EWL_C/src/wscanf.c Line: 756

EWL_C/src/wscanf.c Line: 824

EWL_C/src/wscanf.c Line: 886

EWL_C/src/wstring.c Line: 97

MISRA_EXCEPTION_RULE_12_7

This topic lists the MISRA rule for the bitwise shift operator applied to signed underlying type.

MISRA 2004 Rule 12.7: Bitwise shift operator applied to signed underlying type

Used to allow >>, e.g., "ex >>= 23;".

EWL_C/src/math_fma.c Line: 236

EWL_C/src/math_fma.c Line: 685

EWL_C/src/mem.c Line: 102

EWL_C/src/pa/fenv.ppc.c Line: 73

EWL_C/src/pa/fenv.ppc.c Line: 122

EWL_C/src/pa/fenv.ppc.c Line: 166

EWL_C/src/pa/fenv.ppc.c Line: 218

EWL_C/src/pa/fenv.ppc.c Line: 273

EWL_C/src/sc/math_StarCore.c Line: 46

EWL_C/src/sc/math_StarCore.c Line: 68

EWL_C/src/sc/math_StarCore.c Line: 72

EWL_C/src/sc/math_StarCore.c Line: 83

EWL_C/src/sc/math_StarCore.c Line: 115

EWL_C/src/sc/math_StarCore.c Line: 117

EWL_C/src/sc/modf_StarCore.c Line: 16

EWL_C/src/sc/sin_StarCore.c Line: 128

EWL_C/src/sc/sin_StarCore.c Line: 134

EWL_C/src/sc/sin_StarCore.c Line: 141

Power Architecture

General Exceptions

```

EWL_C/src/strtoul.c Line: 303
EWL_C/src/strtoul.c Line: 532
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 73
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 76
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 55
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 82
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 86
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 71
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 75
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 90
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 109
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 126
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 175
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 189
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 60
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 190
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 33
EWL_C/src/sun_math/Double_precision/e_hypot.c Line: 128
EWL_C/src/sun_math/Double_precision/e_log.c Line: 144
EWL_C/src/sun_math/Double_precision/e_log.c Line: 183
EWL_C/src/sun_math/Double_precision/e_log10.c Line: 126
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 266
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 373
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 437
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 439
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 96
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 141
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 144
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 152
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 184
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 186
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 190

```

```

EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 224
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 249
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 268
EWL_C/src/sun_math/Double_precision/k_tan.c Line: 119
EWL_C/src/sun_math/Double_precision/s_cbrt.c Line: 54
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 63
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 66
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 91
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 97
EWL_C/src/sun_math/Double_precision/s_copysign.c Line: 31
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 245
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 251
EWL_C/src/sun_math/Double_precision/s_floor.c Line: 34
EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 65
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 57
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 70
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 58
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 61
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 73
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 156
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 61
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 142
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 47
EWL_C/src/sun_math/Single_precision/e_hypotf.c Line: 116
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 116
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 115
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 154
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 71
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 224
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 387
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 389
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:123

```

Power Architecture

General Exceptions

EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:135
 EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:148
 EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:168
 EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:173
 EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:177
 EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:186
 EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:217
 EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:219
 EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 111
 EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:124
 EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:147
 EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:166
 EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 100
 EWL_C/src/sun_math/Single_precision/s_cbrtf.c Line: 70
 EWL_C/src/sun_math/Single_precision/s_ceilf.c Line: 66
 EWL_C/src/sun_math/Single_precision/s_ceilf.c Line: 69
 EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 169
 EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 171
 EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 177
 EWL_C/src/sun_math/Single_precision/s_floorf.c Line: 47
 EWL_C/src/sun_math/ansi_fp.c Line: 489
 EWL_C/src/sun_math/ansi_fp.c Line: 1191
 EWL_C/src/sun_math/ansi_fp.c Line: 1413
 EWL_C/src/sun_math/ansi_fp.c Line: 1441
 EWL_C/src/wcstoul.c Line: 482
 EWL_C/src/wcstoul.c Line: 526

MISRA_EXCEPTION_RULE_12_7a

This topic lists the MISRA rule for the bitwise operator (and(&), or(|)) applied to signed underlying type.

MISRA 2004 Rule 12.7: Bitwise operator (and(&), or(|)) applied to signed underlying type

Used to allow bitwise "&" on signed types, e.g., "intpart & 1L".

```
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 48
EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 114
EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 119
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 61
EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 42
EWL_C/src/sun_math/Single_precision/s_scalbnf.c Line: 41
EWL_C/src/sun_math/ansi_fp.c Line: 679
EWL_C/src/sun_math/math_sun.c Line: 347
EWL_C/src/sun_math/math_sun.c Line: 437
EWL_C/src/sun_math/math_sun.c Line: 526
```

MISRA_EXCEPTION_RULE_12_7b

This topic lists the MISRA rule for the bitwise operator xor (^) used in logical expressions or with signed types.

MISRA 2004 Rule 12.7: Bitwise operator xor (^) used in logical expressions or with signed types

Used to allow '^' as xor in logical expressions, e.g., "sign = ((x < 0) ^ (y < 0)) ? -1 : 1;".

```
EWL_C/src/arith.c Line: 249
EWL_C/src/arith.c Line: 273
EWL_C/src/arith.c Line: 296
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 49
```

MISRA_EXCEPTION_RULE_13_1

This topic lists the MISRA rule for the boolean test of a parenthesized assignment.

MISRA 2004 Rule 13.1: Boolean test of a parenthesized assignment

To be removed: Used to generate more efficient code, e.g., "while ((*q++ = *p++)) ...".

```
EWL_C/src/string.c Line: 116
EWL_C/src/string.c Line: 283
EWL_C/src/string.c Line: 299
EWL_C/src/string.c Line: 324
EWL_C/src/string.c Line: 336
EWL_C/src/string.c Line: 356
EWL_C/src/string.c Line: 375
EWL_C/src/string.c Line: 593
EWL_C/src/string.c Line: 609
EWL_C/src/string.c Line: 776
EWL_C/src/string.c Line: 797
EWL_C/src/string.c Line: 831
EWL_C/src/string.c Line: 838
EWL_C/src/string.c Line: 852
EWL_C/src/string.c Line: 859
EWL_C/src/string.c Line: 882
EWL_C/src/string.c Line: 889
EWL_C/src/string.c Line: 903
EWL_C/src/string.c Line: 910
EWL_C/src/string.c Line: 934
EWL_C/src/string.c Line: 941
EWL_C/src/string.c Line: 956
EWL_C/src/string.c Line: 963
EWL_C/src/string.c Line: 997
EWL_C/src/string.c Line: 1004
EWL_C/src/string.c Line: 1019
EWL_C/src/string.c Line: 1039
EWL_C/src/string.c Line: 1046
EWL_C/src/string.c Line: 1061
```

EWL_C/src/string.c Line: 1102
EWL_C/src/string.c Line: 1109
EWL_C/src/string.c Line: 1124
EWL_C/src/string.c Line: 1144
EWL_C/src/string.c Line: 1151
EWL_C/src/string.c Line: 1166
EWL_C/src/string.c Line: 1194
EWL_C/src/string.c Line: 1200
EWL_C/src/string.c Line: 1207
EWL_C/src/string.c Line: 1226
EWL_C/src/string.c Line: 1232
EWL_C/src/string.c Line: 1239
EWL_C/src/time.c Line: 827
EWL_C/src/wstring.c Line: 113
EWL_C/src/wstring.c Line: 121
EWL_C/src/wstring.c Line: 165
EWL_C/src/wstring.c Line: 182
EWL_C/src/wstring.c Line: 242
EWL_C/src/wstring.c Line: 253
EWL_C/src/wstring.c Line: 308
EWL_C/src/wstring.c Line: 327
EWL_C/src/wstring.c Line: 475
EWL_C/src/wstring.c Line: 490
EWL_C/src/wstring.c Line: 531
EWL_C/src/wstring.c Line: 552
EWL_C/src/wstring.c Line: 577
EWL_C/src/wstring.c Line: 590
EWL_C/src/wstring.c Line: 611
EWL_C/src/wstring.c Line: 623
EWL_C/src/wstring.c Line: 644
EWL_C/src/wstring.c Line: 656
EWL_C/src/wstring.c Line: 676

```
EWL_C/src/wstring.c Line: 689
EWL_C/src/wstring.c Line: 729
EWL_C/src/wstring.c Line: 744
EWL_C/src/wstring.c Line: 762
EWL_C/src/wstring.c Line: 777
EWL_C/src/wstring.c Line: 812
EWL_C/src/wstring.c Line: 818
EWL_C/src/wstring.c Line: 842
EWL_C/src/wstring.c Line: 848
EWL_C/src/wstring.c Line: 855
EWL_C/src/wtime.c Line: 103
```

MISRA_EXCEPTION_RULE_13_3

This topic lists the MISRA rule for the floating point equality checks.

MISRA 2004 Rule 13.3: Testing floats for equality

Used to allow floating point equality checks, e.g., "if (x == -INFINITY) ...".

```
EWL_C/src/math_double.c Line: 75
EWL_C/src/math_float.c Line: 208
EWL_C/src/math_float.c Line: 306
EWL_C/src/math_fma.c Line: 158
EWL_C/src/math_fma.c Line: 187
EWL_C/src/math_fma.c Line: 204
EWL_C/src/math_fma.c Line: 608
EWL_C/src/math_fma.c Line: 637
EWL_C/src/math_fma.c Line: 653
EWL_C/src/math_longdouble.c Line: 111
EWL_C/src/math_longdouble.c Line: 173
EWL_C/src/math_longdouble.c Line: 212
EWL_C/src/math_longdouble.c Line: 220
EWL_C/src/sc/atan2_StarCore.c Line: 47
EWL_C/src/sc/exp_StarCore.c Line: 113
```

EWL_C/src/sc/exp_StarCore.c Line: 132
EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 185
EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 233
EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 275
EWL_C/src/sun_math/Double_precision/e_log.c Line: 154
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 115
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 120
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 194
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 269
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 496
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 501
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 104
EWL_C/src/sun_math/Double_precision/s_matherr.c Line: 27
EWL_C/src/sun_math/Double_precision/s_nextafter.c Line: 26
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:136
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:186
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:230
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 125
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 86
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 91
EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:227
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:167
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 57
EWL_C/src/sun_math/Single_precision/s_nextafterf.c Line:32
EWL_C/src/sun_math/ansi_fp.c Line: 979

MISRA_EXCEPTION_RULE_13_7

This topic lists the MISRA rule for the configuration dependent constant expressions.

MISRA 2004 Rules 13.7 and 14.1: Constant value logical expressions

Used to allow configuration dependent constant expressions, e.g., "if ((uint_t)math_errhandling & (uint_t)MATH_ERRNO) ...".

- * MISRA 2004 Rules 13.7 and 14.1: Constant value Boolean
- * Boolean within 'if' always evaluates to true
- * The right argument to operator '&&' is certain to be 0

```
EWL_C/src/alloc.c Line: 201
EWL_C/src/alloc.c Line: 466
EWL_C/src/alloc.c Line: 3142
EWL_C/src/math_double.c Line: 113
EWL_C/src/math_double.c Line: 117
EWL_C/src/math_double.c Line: 122
EWL_C/src/math_double.c Line: 153
EWL_C/src/math_double.c Line: 156
EWL_C/src/math_double.c Line: 162
EWL_C/src/math_double.c Line: 165
EWL_C/src/math_double.c Line: 241
EWL_C/src/math_double.c Line: 246
EWL_C/src/math_float.c Line: 69
EWL_C/src/math_float.c Line: 72
EWL_C/src/math_float.c Line: 77
EWL_C/src/math_float.c Line: 82
EWL_C/src/math_float.c Line: 87
EWL_C/src/math_float.c Line: 243
EWL_C/src/math_float.c Line: 247
EWL_C/src/math_float.c Line: 252
EWL_C/src/math_float.c Line: 308
EWL_C/src/math_float.c Line: 313
EWL_C/src/math_longdouble.c Line: 51
EWL_C/src/math_longdouble.c Line: 56
EWL_C/src/math_longdouble.c Line: 108
```

EWL_C/src/math_longdouble.c Line: 175
EWL_C/src/math_longdouble.c Line: 180
EWL_C/src/printformat.c Line: 1404
EWL_C/src/printformat.c Line: 1409
EWL_C/src/printformat.c Line: 1414
EWL_C/src/printformat.c Line: 1439
EWL_C/src/printformat.c Line: 1463
EWL_C/src/printformat.c Line: 1494
EWL_C/src/sc/asin_StarCore.c Line: 103
EWL_C/src/sc/asin_StarCore.c Line: 108
EWL_C/src/sc/asin_StarCore.c Line: 128
EWL_C/src/sc/asin_StarCore.c Line: 133
EWL_C/src/sc/atan2_StarCore.c Line: 23
EWL_C/src/sc/atan2_StarCore.c Line: 28
EWL_C/src/sc/exp_StarCore.c Line: 119
EWL_C/src/sc/exp_StarCore.c Line: 138
EWL_C/src/sc/ldexp_StarCore.c Line: 26
EWL_C/src/sc/log10_StarCore.c Line: 64
EWL_C/src/sc/log10_StarCore.c Line: 74
EWL_C/src/sc/log10_StarCore.c Line: 79
EWL_C/src/sc/log_StarCore.c Line: 86
EWL_C/src/sc/log_StarCore.c Line: 91
EWL_C/src/sc/log_StarCore.c Line: 105
EWL_C/src/sc/math_StarCore.c Line: 51
EWL_C/src/sc/math_StarCore.c Line: 56
EWL_C/src/sc/math_StarCore.c Line: 206
EWL_C/src/sc/math_StarCore.c Line: 273
EWL_C/src/sc/math_StarCore.c Line: 341
EWL_C/src/sc/pow_StarCore.c Line: 97
EWL_C/src/sc/pow_StarCore.c Line: 102
EWL_C/src/sc/pow_StarCore.c Line: 116
EWL_C/src/sc/pow_StarCore.c Line: 121

Power Architecture

General Exceptions

```

EWL_C/src/sc/pow_StarCore.c Line: 150
EWL_C/src/sc/pow_StarCore.c Line: 170
EWL_C/src/sc/pow_StarCore.c Line: 205
EWL_C/src/sc/pow_StarCore.c Line: 219
EWL_C/src/sc/sinh_StarCore.c Line: 58
EWL_C/src/sc/sqrt_StarCore.c Line: 34
EWL_C/src/sc/sqrt_StarCore.c Line: 39
EWL_C/src/sc/sqrt_StarCore.c Line: 89
EWL_C/src/sc/sqrt_StarCore.c Line: 94
EWL_C/src/signal.c Line: 77
EWL_C/src/strtold.c Line: 852
EWL_C/src/strtold.c Line: 915
EWL_C/src/strtold.c Line: 919
EWL_C/src/strtold.c Line: 923
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 88
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 93
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 58
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 63
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 93
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 98
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 95
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 100
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 66
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 71
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 86
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 105
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 133
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 144
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 59
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 64
EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 230
EWL_C/src/sun_math/Double_precision/e_log.c Line: 106

```



```

EWL_C/src/sun_math/Double_precision/e_log.c Line: 118
EWL_C/src/sun_math/Double_precision/e_log.c Line: 123
EWL_C/src/sun_math/Double_precision/e_log10.c Line: 83
EWL_C/src/sun_math/Double_precision/e_log10.c Line: 100
EWL_C/src/sun_math/Double_precision/e_log10.c Line: 105
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 134
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 139
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 146
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 151
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 170
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 270
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 275
EWL_C/src/sun_math/Double_precision/e_remainder.c Line: 57
EWL_C/src/sun_math/Double_precision/e_remainder.c Line:62
EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 101
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 119
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 124
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 147
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 152
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 166
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 179
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 43
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 48
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 73
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 78
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 89
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 94
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 126
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 136
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 141
EWL_C/src/sun_math/Double_precision/s_logb.c Line: 37
EWL_C/src/sun_math/Double_precision/s_logb.c Line: 42

```

Power Architecture

General Exceptions

```

EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 77
EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 82
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 60
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 65
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 80
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 85
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 78
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 83
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 66
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 71
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 86
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 91
EWL_C/src/sun_math/Single_precision/e_coshf.c Line: 94
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 86
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 97
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 50
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:183
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 67
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 85
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 90
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 71
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 84
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 89
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 105
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 110
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 117
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 122
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 141
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 231
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 236
EWL_C/src/sun_math/Single_precision/e_remainderf.c Line:61
EWL_C/src/sun_math/Single_precision/e_remainderf.c Line:66

```

```

EWL_C/src/sun_math/Single_precision/e_sinhf.c Line: 94
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 72
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 77
EWL_C/src/sun_math/Single_precision/fmodf.c Line: 36
EWL_C/src/sun_math/Single_precision/fmodf.c Line: 41
EWL_C/src/sun_math/Single_precision/log2f.c Line: 73
EWL_C/src/sun_math/Single_precision/log2f.c Line: 80
EWL_C/src/sun_math/Single_precision/log2f.c Line: 85
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 89
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 102
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 50
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 55
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 79
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 84
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 95
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 100
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 81
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 92
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 97
EWL_C/src/sun_math/Single_precision/s_logbf.c Line: 47
EWL_C/src/sun_math/Single_precision/s_logbf.c Line: 52
EWL_C/src/sun_math/ansi_fp.c Line: 1155
EWL_C/src/sun_math/math_sun.c Line: 94
EWL_C/src/sun_math/math_sun.c Line: 121
EWL_C/src/sun_math/math_sun.c Line: 180
EWL_C/src/sun_math/math_sun.c Line: 239
EWL_C/src/sun_math/math_sun.c Line: 301
EWL_C/src/sun_math/math_sun.c Line: 391
EWL_C/src/sun_math/math_sun.c Line: 480
EWL_C/src/sun_math/math_sun.c Line: 567
EWL_C/src/sun_math/math_sun.c Line: 625
EWL_C/src/sun_math/math_sun.c Line: 684

```

EWL_C/src/wcstold.c Line: 791
EWL_C/src/wcstold.c Line: 854
EWL_C/src/wcstold.c Line: 859
EWL_C/src/wcstold.c Line: 864
EWL_C/src/wprintf.c Line: 1085
EWL_C/src/wprintf.c Line: 1089
EWL_C/src/wprintf.c Line: 1093
EWL_C/src/wprintf.c Line: 1120
EWL_C/src/wprintf.c Line: 1143
EWL_C/src/wprintf.c Line: 1168
EWL_C/src/wprintfformat.c Line: 1227
EWL_C/src/wprintfformat.c Line: 1232
EWL_C/src/wprintfformat.c Line: 1237
EWL_C/src/wprintfformat.c Line: 1270
EWL_C/src/wprintfformat.c Line: 1299
EWL_C/src/wprintfformat.c Line: 1333

MISRA_EXCEPTION_RULE_14_4

This topic lists the MISRA rule for the goto statement.

MISRA 2004 Rule 14.4: goto stmt

Used to allow "goto" statements , e.g., for code sharing.

EWL_C/src/printformat.c Line: 1736
EWL_C/src/printformat.c Line: 1749
EWL_C/src/printformat.c Line: 2033
EWL_C/src/printformat.c Line: 2042
EWL_C/src/printformat.c Line: 2118
EWL_C/src/printformat.c Line: 2126
EWL_C/src/printformat.c Line: 2170
EWL_C/src/printformat.c Line: 2188
EWL_C/src/printformat.c Line: 2213
EWL_C/src/printformat.c Line: 2340

EWL_C/src/printformat.c Line: 2359
EWL_C/src/scanformat.c Line: 627
EWL_C/src/scanformat.c Line: 643
EWL_C/src/scanformat.c Line: 693
EWL_C/src/scanformat.c Line: 704
EWL_C/src/scanformat.c Line: 742
EWL_C/src/scanformat.c Line: 750
EWL_C/src/scanformat.c Line: 871
EWL_C/src/scanformat.c Line: 876
EWL_C/src/scanformat.c Line: 912
EWL_C/src/scanformat.c Line: 920
EWL_C/src/scanformat.c Line: 1060
EWL_C/src/scanformat.c Line: 1065
EWL_C/src/scanformat.c Line: 1169
EWL_C/src/scanformat.c Line: 1250
EWL_C/src/scanformat.c Line: 1275
EWL_C/src/scanformat.c Line: 1308
EWL_C/src/scanformat.c Line: 1412
EWL_C/src/scanformat.c Line: 1531
EWL_C/src/string.c Line: 148
EWL_C/src/string.c Line: 213
EWL_C/src/string.c Line: 236
EWL_C/src/string.c Line: 426
EWL_C/src/string.c Line: 466
EWL_C/src/string.c Line: 479
EWL_C/src/string.c Line: 488
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 282
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:180
EWL_C/src/sun_math/ansi_fp.c Line: 322
EWL_C/src/sun_math/ansi_fp.c Line: 361
EWL_C/src/sun_math/ansi_fp.c Line: 368
EWL_C/src/sun_math/ansi_fp.c Line: 674

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EWL_C/src/sun_math/ansi_fp.c Line: 1006
EWL_C/src/sun_math/ansi_fp.c Line: 1017
EWL_C/src/wprintf.c Line: 1320
EWL_C/src/wprintf.c Line: 1334
EWL_C/src/wprintf.c Line: 1578
EWL_C/src/wprintf.c Line: 1587
EWL_C/src/wprintf.c Line: 1640
EWL_C/src/wprintf.c Line: 1649
EWL_C/src/wprintf.c Line: 1680
EWL_C/src/wprintf.c Line: 1698
EWL_C/src/wprintf.c Line: 1763
EWL_C/src/wprintfformat.c Line: 1616
EWL_C/src/wprintfformat.c Line: 1632
EWL_C/src/wprintfformat.c Line: 1921
EWL_C/src/wprintfformat.c Line: 1931
EWL_C/src/wprintfformat.c Line: 1991
EWL_C/src/wprintfformat.c Line: 2001
EWL_C/src/wprintfformat.c Line: 2029
EWL_C/src/wprintfformat.c Line: 2049
EWL_C/src/wprintfformat.c Line: 2131
EWL_C/src/wscanf.c Line: 389
EWL_C/src/wscanf.c Line: 416
EWL_C/src/wscanf.c Line: 426
EWL_C/src/wscanf.c Line: 456
EWL_C/src/wscanf.c Line: 467
EWL_C/src/wscanf.c Line: 535
EWL_C/src/wscanf.c Line: 540
EWL_C/src/wscanf.c Line: 574
EWL_C/src/wscanf.c Line: 584
EWL_C/src/wscanf.c Line: 665
EWL_C/src/wscanf.c Line: 670
EWL_C/src/wscanf.c Line: 729

EWL_C/src/wscanf.c Line: 740
EWL_C/src/wscanf.c Line: 763
EWL_C/src/wscanf.c Line: 782
EWL_C/src/wscanf.c Line: 841
EWL_C/src/wscanf.c Line: 861
EWL_C/src/wscanf.c Line: 933

MISRA_EXCEPTION_RULE_14_5

This topic lists the MISRA rule for the continue statement.

MISRA 2004 Rule 14.5: continue stmt

Used to allow "continue" statements.

EWL_C/src/printformat.c Line: 2285
EWL_C/src/scanformat.c Line: 635
EWL_C/src/scanformat.c Line: 648
EWL_C/src/scanformat.c Line: 655
EWL_C/src/scanformat.c Line: 1221
EWL_C/src/scanformat.c Line: 1257
EWL_C/src/scanformat.c Line: 1298
EWL_C/src/scanformat.c Line: 1312
EWL_C/src/scanformat.c Line: 1379
EWL_C/src/scanformat.c Line: 1419
EWL_C/src/scanformat.c Line: 1526
EWL_C/src/sys/uart_console_io.c Line: 101
EWL_C/src/wprintf.c Line: 1798
EWL_C/src/wprintfformat.c Line: 2167
EWL_C/src/wscanf.c Line: 381
EWL_C/src/wscanf.c Line: 394
EWL_C/src/wscanf.c Line: 401
EWL_C/src/wscanf.c Line: 714
EWL_C/src/wscanf.c Line: 747
EWL_C/src/wscanf.c Line: 772

EWL_C/src/wscanf.c Line: 786
EWL_C/src/wscanf.c Line: 819
EWL_C/src/wscanf.c Line: 848
EWL_C/src/wscanf.c Line: 868
EWL_C/src/wscanf.c Line: 927

MISRA_EXCEPTION_RULE_14_6

This topic lists the MISRA rule for more than one break in a loop.

MISRA 2004 Rule 14.6: More than one break terminates loop

Used to allow more than one "break;" in a loop.

EWL_C/src/alloc.c Line: 2412
EWL_C/src/char_io.c Line: 223
EWL_C/src/char_io.c Line: 275
EWL_C/src/mbstring.c Line: 539
EWL_C/src/mbstring.c Line: 580
EWL_C/src/mbstring.c Line: 588
EWL_C/src/mbstring.c Line: 717
EWL_C/src/mbstring.c Line: 761
EWL_C/src/mbstring.c Line: 799
EWL_C/src/mbstring.c Line: 850
EWL_C/src/sun_math/ansi_fp.c Line: 206
EWL_C/src/sun_math/ansi_fp.c Line: 1036
EWL_C/src/sys/uart_console_io.c Line: 107
EWL_C/src/sys/uart_console_io.c Line: 113

MISRA_EXCEPTION_RULE_14_7

This topic lists the MISRA rule for more than one "return;" in a function.

MISRA 2004 Rule 14.7: Return statement before end of function

Used to allow more than one "return;" in a function

```
EWL_C/src/abort_exit.c Line: 82
EWL_C/src/alloc.c Line: 210
EWL_C/src/alloc.c Line: 245
EWL_C/src/alloc.c Line: 274
EWL_C/src/alloc.c Line: 408
EWL_C/src/alloc.c Line: 467
EWL_C/src/alloc.c Line: 2072
EWL_C/src/alloc.c Line: 2256
EWL_C/src/alloc.c Line: 2267
EWL_C/src/alloc.c Line: 2393
EWL_C/src/alloc.c Line: 2408
EWL_C/src/alloc.c Line: 2434
EWL_C/src/alloc.c Line: 2451
EWL_C/src/alloc.c Line: 2618
EWL_C/src/alloc.c Line: 2750
EWL_C/src/alloc.c Line: 2785
EWL_C/src/alloc.c Line: 2789
EWL_C/src/alloc.c Line: 2808
EWL_C/src/alloc.c Line: 2852
EWL_C/src/alloc.c Line: 2886
EWL_C/src/alloc.c Line: 2969
EWL_C/src/alloc.c Line: 2972
EWL_C/src/alloc.c Line: 2978
EWL_C/src/alloc.c Line: 2983
EWL_C/src/alloc.c Line: 3117
EWL_C/src/alloc.c Line: 3125
EWL_C/src/arith.c Line: 67
EWL_C/src/arith.c Line: 101
EWL_C/src/arith.c Line: 113
```



Power Architecture

General Exceptions

EWL_C/src/arith.c Line: 185
EWL_C/src/arith.c Line: 190
EWL_C/src/arith.c Line: 206
EWL_C/src/arith.c Line: 211
EWL_C/src/arith.c Line: 228
EWL_C/src/arith.c Line: 233
EWL_C/src/arith.c Line: 259
EWL_C/src/arith.c Line: 280
EWL_C/src/arith.c Line: 303
EWL_C/src/bsearch.c Line: 40
EWL_C/src/bsearch.c Line: 49
EWL_C/src/bsearch.c Line: 54
EWL_C/src/bsearch.c Line: 67
EWL_C/src/bsearch.c Line: 94
EWL_C/src/bsearch.c Line: 99
EWL_C/src/bsearch.c Line: 108
EWL_C/src/bsearch.c Line: 113
EWL_C/src/bsearch.c Line: 127
EWL_C/src/buffer_io.c Line: 166
EWL_C/src/buffer_io.c Line: 229
EWL_C/src/buffer_io.c Line: 255
EWL_C/src/buffer_io.c Line: 260
EWL_C/src/buffer_io.c Line: 269
EWL_C/src/buffer_io.c Line: 296
EWL_C/src/buffer_io.c Line: 306
EWL_C/src/buffer_io.c Line: 313
EWL_C/src/char_io.c Line: 58
EWL_C/src/char_io.c Line: 66
EWL_C/src/char_io.c Line: 77
EWL_C/src/char_io.c Line: 93
EWL_C/src/char_io.c Line: 185
EWL_C/src/char_io.c Line: 200

EWL_C/src/char_io.c Line: 232
EWL_C/src/char_io.c Line: 269
EWL_C/src/char_io.c Line: 284
EWL_C/src/char_io.c Line: 331
EWL_C/src/char_io.c Line: 337
EWL_C/src/char_io.c Line: 360
EWL_C/src/char_io.c Line: 375
EWL_C/src/char_io.c Line: 390
EWL_C/src/char_io.c Line: 403
EWL_C/src/char_io.c Line: 411
EWL_C/src/char_io.c Line: 423
EWL_C/src/coldfire/fenv_cf.c Line: 231
EWL_C/src/coldfire/uart_console_io_cf.c Line: 64
EWL_C/src/coldfire/uart_console_io_cf.c Line: 107
EWL_C/src/coldfire/uart_console_io_cf.c Line: 114
EWL_C/src/direct_io.c Line: 82
EWL_C/src/direct_io.c Line: 98
EWL_C/src/direct_io.c Line: 106
EWL_C/src/direct_io.c Line: 229
EWL_C/src/direct_io.c Line: 250
EWL_C/src/direct_io.c Line: 264
EWL_C/src/file_io.c Line: 165
EWL_C/src/file_io.c Line: 183
EWL_C/src/file_io.c Line: 187
EWL_C/src/file_io.c Line: 203
EWL_C/src/file_io.c Line: 209
EWL_C/src/file_io.c Line: 212
EWL_C/src/file_io.c Line: 228
EWL_C/src/file_io.c Line: 233
EWL_C/src/file_io.c Line: 238
EWL_C/src/file_io.c Line: 252
EWL_C/src/file_io.c Line: 271

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General Exceptions

EWL_C/src/file_io.c Line: 309
EWL_C/src/file_io.c Line: 327
EWL_C/src/file_io.c Line: 335
EWL_C/src/file_io.c Line: 347
EWL_C/src/file_io.c Line: 368
EWL_C/src/file_io.c Line: 376
EWL_C/src/file_io.c Line: 386
EWL_C/src/file_io.c Line: 394
EWL_C/src/file_io.c Line: 406
EWL_C/src/file_io.c Line: 432
EWL_C/src/file_io.c Line: 460
EWL_C/src/file_io.c Line: 468
EWL_C/src/file_io.c Line: 589
EWL_C/src/file_io.c Line: 593
EWL_C/src/file_io.c Line: 597
EWL_C/src/file_pos.c Line: 53
EWL_C/src/file_pos.c Line: 58
EWL_C/src/file_pos.c Line: 180
EWL_C/src/file_pos.c Line: 189
EWL_C/src/file_pos.c Line: 232
EWL_C/src/locale.c Line: 89
EWL_C/src/locale.c Line: 95
EWL_C/src/locale.c Line: 102
EWL_C/src/math_api.c Line: 86
EWL_C/src/math_api.c Line: 89
EWL_C/src/math_api.c Line: 92
EWL_C/src/math_api.c Line: 95
EWL_C/src/math_api.c Line: 98
EWL_C/src/math_api.c Line: 127
EWL_C/src/math_api.c Line: 130
EWL_C/src/math_api.c Line: 135
EWL_C/src/math_api.c Line: 138

EWL_C/src/math_api.c Line: 165
EWL_C/src/math_api.c Line: 168
EWL_C/src/math_api.c Line: 175
EWL_C/src/math_api.c Line: 178
EWL_C/src/math_double.c Line: 66
EWL_C/src/math_double.c Line: 70
EWL_C/src/math_double.c Line: 78
EWL_C/src/math_double.c Line: 82
EWL_C/src/math_double.c Line: 143
EWL_C/src/math_double.c Line: 170
EWL_C/src/math_double.c Line: 255
EWL_C/src/math_double.c Line: 259
EWL_C/src/math_double.c Line: 263
EWL_C/src/math_float.c Line: 59
EWL_C/src/math_float.c Line: 93
EWL_C/src/math_float.c Line: 212
EWL_C/src/math_float.c Line: 218
EWL_C/src/math_float.c Line: 223
EWL_C/src/math_float.c Line: 328
EWL_C/src/math_float.c Line: 331
EWL_C/src/math_float.c Line: 341
EWL_C/src/math_float.c Line: 348
EWL_C/src/math_float.c Line: 354
EWL_C/src/math_fma.c Line: 66
EWL_C/src/math_fma.c Line: 78
EWL_C/src/math_fma.c Line: 83
EWL_C/src/math_fma.c Line: 89
EWL_C/src/math_fma.c Line: 118
EWL_C/src/math_fma.c Line: 124
EWL_C/src/math_fma.c Line: 132
EWL_C/src/math_fma.c Line: 137
EWL_C/src/math_fma.c Line: 149



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General Exceptions

EWL_C/src/math_fma.c Line: 153
EWL_C/src/math_fma.c Line: 161
EWL_C/src/math_fma.c Line: 167
EWL_C/src/math_fma.c Line: 170
EWL_C/src/math_fma.c Line: 176
EWL_C/src/math_fma.c Line: 179
EWL_C/src/math_fma.c Line: 192
EWL_C/src/math_fma.c Line: 197
EWL_C/src/math_fma.c Line: 208
EWL_C/src/math_fma.c Line: 213
EWL_C/src/math_fma.c Line: 220
EWL_C/src/math_fma.c Line: 229
EWL_C/src/math_fma.c Line: 294
EWL_C/src/math_fma.c Line: 394
EWL_C/src/math_fma.c Line: 432
EWL_C/src/math_fma.c Line: 440
EWL_C/src/math_fma.c Line: 518
EWL_C/src/math_fma.c Line: 530
EWL_C/src/math_fma.c Line: 535
EWL_C/src/math_fma.c Line: 541
EWL_C/src/math_fma.c Line: 570
EWL_C/src/math_fma.c Line: 576
EWL_C/src/math_fma.c Line: 584
EWL_C/src/math_fma.c Line: 589
EWL_C/src/math_fma.c Line: 600
EWL_C/src/math_fma.c Line: 603
EWL_C/src/math_fma.c Line: 610
EWL_C/src/math_fma.c Line: 616
EWL_C/src/math_fma.c Line: 619
EWL_C/src/math_fma.c Line: 625
EWL_C/src/math_fma.c Line: 628
EWL_C/src/math_fma.c Line: 641

EWL_C/src/math_fma.c Line: 646
EWL_C/src/math_fma.c Line: 657
EWL_C/src/math_fma.c Line: 662
EWL_C/src/math_fma.c Line: 669
EWL_C/src/math_fma.c Line: 678
EWL_C/src/math_fma.c Line: 728
EWL_C/src/math_fma.c Line: 782
EWL_C/src/math_fma.c Line: 813
EWL_C/src/math_fma.c Line: 822
EWL_C/src/math_longdouble.c Line: 195
EWL_C/src/math_longdouble.c Line: 198
EWL_C/src/math_longdouble.c Line: 208
EWL_C/src/math_longdouble.c Line: 217
EWL_C/src/math_longdouble.c Line: 224
EWL_C/src/mbstring.c Line: 53
EWL_C/src/mbstring.c Line: 56
EWL_C/src/mbstring.c Line: 67
EWL_C/src/mbstring.c Line: 72
EWL_C/src/mbstring.c Line: 77
EWL_C/src/mbstring.c Line: 90
EWL_C/src/mbstring.c Line: 96
EWL_C/src/mbstring.c Line: 101
EWL_C/src/mbstring.c Line: 117
EWL_C/src/mbstring.c Line: 122
EWL_C/src/mbstring.c Line: 128
EWL_C/src/mbstring.c Line: 183
EWL_C/src/mbstring.c Line: 211
EWL_C/src/mbstring.c Line: 343
EWL_C/src/mbstring.c Line: 348
EWL_C/src/mbstring.c Line: 357
EWL_C/src/mbstring.c Line: 367
EWL_C/src/mbstring.c Line: 372



Power Architecture

General Exceptions

EWL_C/src/mbstring.c Line: 398
EWL_C/src/mbstring.c Line: 412
EWL_C/src/mbstring.c Line: 426
EWL_C/src/mbstring.c Line: 454
EWL_C/src/mbstring.c Line: 481
EWL_C/src/mbstring.c Line: 499
EWL_C/src/mbstring.c Line: 524
EWL_C/src/mbstring.c Line: 561
EWL_C/src/mbstring.c Line: 567
EWL_C/src/mbstring.c Line: 625
EWL_C/src/mbstring.c Line: 643
EWL_C/src/mbstring.c Line: 667
EWL_C/src/mbstring.c Line: 695
EWL_C/src/mbstring.c Line: 740
EWL_C/src/mbstring.c Line: 780
EWL_C/src/mbstring.c Line: 823
EWL_C/src/mbstring.c Line: 829
EWL_C/src/mbstring.c Line: 864
EWL_C/src/mbstring.c Line: 871
EWL_C/src/mbstring.c Line: 874
EWL_C/src/mem.c Line: 117
EWL_C/src/mem.c Line: 193
EWL_C/src/mem.c Line: 203
EWL_C/src/mem.c Line: 224
EWL_C/src/mem.c Line: 236
EWL_C/src/mem.c Line: 258
EWL_C/src/mem.c Line: 261
EWL_C/src/mem.c Line: 275
EWL_C/src/mem.c Line: 278
EWL_C/src/mem.c Line: 296
EWL_C/src/mem.c Line: 304
EWL_C/src/mem.c Line: 317

EWL_C/src/mem.c Line: 325
EWL_C/src/mem_funcs.c Line: 94
EWL_C/src/mem_funcs.c Line: 138
EWL_C/src/pa/fenv.ppc.c Line: 77
EWL_C/src/pa/fenv.ppc.c Line: 222
EWL_C/src/pa/fenv.ppc.c Line: 370
EWL_C/src/pa/fenv.ppc.c Line: 373
EWL_C/src/pa/fenv.ppc.c Line: 728
EWL_C/src/pa/fenv.ppc.c Line: 732
EWL_C/src/printf.c Line: 102
EWL_C/src/printf.c Line: 132
EWL_C/src/printf.c Line: 139
EWL_C/src/printf.c Line: 195
EWL_C/src/printf.c Line: 309
EWL_C/src/printf.c Line: 328
EWL_C/src/printf.c Line: 335
EWL_C/src/printf.c Line: 357
EWL_C/src/printf.c Line: 385
EWL_C/src/printf.c Line: 392
EWL_C/src/printf.c Line: 445
EWL_C/src/printf.c Line: 482
EWL_C/src/printformat.c Line: 262
EWL_C/src/printformat.c Line: 363
EWL_C/src/printformat.c Line: 510
EWL_C/src/printformat.c Line: 786
EWL_C/src/printformat.c Line: 874
EWL_C/src/printformat.c Line: 933
EWL_C/src/printformat.c Line: 1009
EWL_C/src/printformat.c Line: 1085
EWL_C/src/printformat.c Line: 1143
EWL_C/src/printformat.c Line: 1219
EWL_C/src/printformat.c Line: 1290



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General Exceptions

EWL_C/src/printfformat.c Line: 1345
EWL_C/src/printfformat.c Line: 1364
EWL_C/src/printfformat.c Line: 1551
EWL_C/src/printfformat.c Line: 1556
EWL_C/src/printfformat.c Line: 1598
EWL_C/src/printfformat.c Line: 1605
EWL_C/src/printfformat.c Line: 1630
EWL_C/src/printfformat.c Line: 1680
EWL_C/src/printfformat.c Line: 1701
EWL_C/src/printfformat.c Line: 1779
EWL_C/src/printfformat.c Line: 1834
EWL_C/src/printfformat.c Line: 1935
EWL_C/src/printfformat.c Line: 1947
EWL_C/src/printfformat.c Line: 2205
EWL_C/src/printfformat.c Line: 2226
EWL_C/src/printfformat.c Line: 2261
EWL_C/src/printfformat.c Line: 2383
EWL_C/src/printfformat.c Line: 2387
EWL_C/src/printfformat.c Line: 2398
EWL_C/src/printfformat.c Line: 2408
EWL_C/src/printfformat.c Line: 2412
EWL_C/src/printfformat.c Line: 2421
EWL_C/src/printfformat.c Line: 2431
EWL_C/src/printfformat.c Line: 2439
EWL_C/src/printfformat.c Line: 2457
EWL_C/src/printfformat.c Line: 2461
EWL_C/src/qsort.c Line: 117
EWL_C/src/qsort.c Line: 135
EWL_C/src/qsort.c Line: 179
EWL_C/src/qsort.c Line: 184
EWL_C/src/qsort.c Line: 201
EWL_C/src/scanf.c Line: 51

EWL_C/src/scanf.c Line: 56
EWL_C/src/scanf.c Line: 59
EWL_C/src/scanf.c Line: 65
EWL_C/src/scanf.c Line: 70
EWL_C/src/scanf.c Line: 84
EWL_C/src/scanf.c Line: 104
EWL_C/src/scanf.c Line: 108
EWL_C/src/scanf.c Line: 118
EWL_C/src/scanf.c Line: 122
EWL_C/src/scanf.c Line: 126
EWL_C/src/scanf.c Line: 149
EWL_C/src/scanf.c Line: 156
EWL_C/src/scanf.c Line: 167
EWL_C/src/scanf.c Line: 174
EWL_C/src/scanf.c Line: 206
EWL_C/src/scanf.c Line: 213
EWL_C/src/scanf.c Line: 225
EWL_C/src/scanf.c Line: 232
EWL_C/src/scanf.c Line: 253
EWL_C/src/scanf.c Line: 275
EWL_C/src/scanf.c Line: 289
EWL_C/src/scanf.c Line: 310
EWL_C/src/scanf.c Line: 317
EWL_C/src/scanf.c Line: 329
EWL_C/src/scanf.c Line: 335
EWL_C/src/scanf.c Line: 379
EWL_C/src/scanf.c Line: 388
EWL_C/src/scanf.c Line: 411
EWL_C/src/scanf.c Line: 418
EWL_C/src/scanf.c Line: 438
EWL_C/src/scanf.c Line: 450
EWL_C/src/scanf.c Line: 469

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General Exceptions

EWL_C/src/scanf.c Line: 484
EWL_C/src/scanfformat.c Line: 164
EWL_C/src/scanfformat.c Line: 188
EWL_C/src/scanfformat.c Line: 1541
EWL_C/src/scanfformat.c Line: 1550
EWL_C/src/signal.c Line: 36
EWL_C/src/signal.c Line: 56
EWL_C/src/signal.c Line: 73
EWL_C/src/string.c Line: 155
EWL_C/src/string.c Line: 161
EWL_C/src/string.c Line: 246
EWL_C/src/string.c Line: 252
EWL_C/src/string.c Line: 415
EWL_C/src/string.c Line: 432
EWL_C/src/string.c Line: 440
EWL_C/src/string.c Line: 444
EWL_C/src/string.c Line: 497
EWL_C/src/string.c Line: 502
EWL_C/src/string.c Line: 510
EWL_C/src/string.c Line: 514
EWL_C/src/string.c Line: 529
EWL_C/src/string.c Line: 555
EWL_C/src/string.c Line: 572
EWL_C/src/string.c Line: 596
EWL_C/src/string.c Line: 612
EWL_C/src/string.c Line: 681
EWL_C/src/string.c Line: 703
EWL_C/src/string.c Line: 784
EWL_C/src/string.c Line: 805
EWL_C/src/string.c Line: 841
EWL_C/src/string.c Line: 862
EWL_C/src/string.c Line: 1013

EWL_C/src/string.c Line: 1055
EWL_C/src/string.c Line: 1090
EWL_C/src/string.c Line: 1118
EWL_C/src/string.c Line: 1160
EWL_C/src/string.c Line: 1196
EWL_C/src/string.c Line: 1211
EWL_C/src/string.c Line: 1228
EWL_C/src/string.c Line: 1243
EWL_C/src/string.c Line: 1261
EWL_C/src/string.c Line: 1281
EWL_C/src/string.c Line: 1288
EWL_C/src/string.c Line: 1302
EWL_C/src/string.c Line: 1310
EWL_C/src/string.c Line: 1316
EWL_C/src/string.c Line: 1331
EWL_C/src/string.c Line: 1339
EWL_C/src/string.c Line: 1346
EWL_C/src/string.c Line: 1361
EWL_C/src/string.c Line: 1369
EWL_C/src/string.c Line: 1377
EWL_C/src/string.c Line: 1383
EWL_C/src/string.c Line: 1409
EWL_C/src/string.c Line: 1429
EWL_C/src/strtold.c Line: 357
EWL_C/src/strtold.c Line: 405
EWL_C/src/strtold.c Line: 740
EWL_C/src/strtold.c Line: 750
EWL_C/src/strtold.c Line: 754
EWL_C/src/strtold.c Line: 757
EWL_C/src/strtold.c Line: 804
EWL_C/src/strtold.c Line: 837
EWL_C/src/strtold.c Line: 902

Power Architecture

General Exceptions

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EWL_C/src/strtold.c Line: 949
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 79
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 82
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 105
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 111
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 118
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 127
EWL_C/src/sun_math/Double_precision/e_acos.c Line: 139
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 69
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 73
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 76
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 80
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 84
EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 88
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 89
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 110
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 119
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 130
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 153
EWL_C/src/sun_math/Double_precision/e_asin.c Line: 156
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 81
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 86
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 114
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 117
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 120
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 128
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 137
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 140
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 143
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 146
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 153
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 156

```

```

EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 159
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 162
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 170
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 186
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 191
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 194
EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 197
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 80
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 96
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 100
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 111
EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 114
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 62
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 71
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 74
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 81
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 87
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 99
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 123
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 127
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 139
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 150
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 170
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 184
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 193
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 197
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 71
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 76
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 80
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 155
EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 168
EWL_C/src/sun_math/Double_precision/e_hypot.c Line: 73

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Power Architecture

General Exceptions

EWL_C/src/sun_math/Double_precision/e_hypot.c Line: 82
 EWL_C/src/sun_math/Double_precision/e_hypot.c Line: 93
 EWL_C/src/sun_math/Double_precision/e_hypot.c Line: 130
 EWL_C/src/sun_math/Double_precision/e_hypot.c Line: 133
 EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 175
 EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 252
 EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 256
 EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 262
 EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 265
 EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 271
 EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 277
 EWL_C/src/sun_math/Double_precision/e_log.c Line: 112
 EWL_C/src/sun_math/Double_precision/e_log.c Line: 134
 EWL_C/src/sun_math/Double_precision/e_log.c Line: 141
 EWL_C/src/sun_math/Double_precision/e_log.c Line: 157
 EWL_C/src/sun_math/Double_precision/e_log.c Line: 161
 EWL_C/src/sun_math/Double_precision/e_log.c Line: 167
 EWL_C/src/sun_math/Double_precision/e_log.c Line: 171
 EWL_C/src/sun_math/Double_precision/e_log.c Line: 189
 EWL_C/src/sun_math/Double_precision/e_log.c Line: 192
 EWL_C/src/sun_math/Double_precision/e_log.c Line: 197
 EWL_C/src/sun_math/Double_precision/e_log.c Line: 200
 EWL_C/src/sun_math/Double_precision/e_log10.c Line: 94
 EWL_C/src/sun_math/Double_precision/e_log10.c Line: 116
 EWL_C/src/sun_math/Double_precision/e_log10.c Line: 123
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 117
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 123
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 161
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 181
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 213
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 216
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 219

EWL_C/src/sun_math/Double_precision/e_pow.c Line: 226
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 229
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 234
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 239
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 258
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 286
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 294
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 298
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 304
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 308
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 387
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 391
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 398
EWL_C/src/sun_math/Double_precision/e_pow.c Line: 402
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 101
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 115
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 127
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 167
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 170
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 179
EWL_C/src/sun_math/Double_precision/e_rem_pio2.c Line: 200
EWL_C/src/sun_math/Double_precision/e_remainder.c Line: 68
EWL_C/src/sun_math/Double_precision/e_remainder.c Line: 74
EWL_C/src/sun_math/Double_precision/e_remainder.c Line: 81
EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 59
EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 69
EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 75
EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 78
EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 84
EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 95
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 135
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 143

Power Architecture

General Exceptions

EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 163
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 16
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 20
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 26
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 30
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 38
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 42
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 48
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 52
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 61
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 65
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 71
EWL_C/src/sun_math/Double_precision/fminmaxdim.c Line: 75
EWL_C/src/sun_math/Double_precision/k_cos.c Line: 78
EWL_C/src/sun_math/Double_precision/k_cos.c Line: 85
EWL_C/src/sun_math/Double_precision/k_cos.c Line: 96
EWL_C/src/sun_math/Double_precision/k_sin.c Line: 70
EWL_C/src/sun_math/Double_precision/k_sin.c Line: 77
EWL_C/src/sun_math/Double_precision/k_sin.c Line: 81
EWL_C/src/sun_math/Double_precision/k_tan.c Line: 91
EWL_C/src/sun_math/Double_precision/k_tan.c Line: 94
EWL_C/src/sun_math/Double_precision/k_tan.c Line: 120
EWL_C/src/sun_math/Double_precision/k_tan.c Line: 124
EWL_C/src/sun_math/Double_precision/k_tan.c Line: 136
EWL_C/src/sun_math/Double_precision/s_asinh.c Line: 52
EWL_C/src/sun_math/Double_precision/s_asinh.c Line: 57
EWL_C/src/sun_math/Double_precision/s_asinh.c Line: 72
EWL_C/src/sun_math/Double_precision/s_asinh.c Line: 75
EWL_C/src/sun_math/Double_precision/s_atan.c Line: 100
EWL_C/src/sun_math/Double_precision/s_atan.c Line: 104
EWL_C/src/sun_math/Double_precision/s_atan.c Line: 107
EWL_C/src/sun_math/Double_precision/s_atan.c Line: 113

```

EWL_C/src/sun_math/Double_precision/s_atan.c Line: 141
EWL_C/src/sun_math/Double_precision/s_atan.c Line: 145
EWL_C/src/sun_math/Double_precision/s_cbrt.c Line: 57
EWL_C/src/sun_math/Double_precision/s_cbrt.c Line: 61
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 58
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 73
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 77
EWL_C/src/sun_math/Double_precision/s_ceil.c Line: 83
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 66
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 71
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 82
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 85
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 92
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 95
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 102
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 105
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 112
EWL_C/src/sun_math/Double_precision/s_cos.c Line: 115
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 210
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 213
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 221
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 224
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 231
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 239
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 242
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 248
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 251
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 273
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 276
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 298
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 301
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 308

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Power Architecture

General Exceptions

EWL_C/src/sun_math/Double_precision/s_erf.c Line: 316
 EWL_C/src/sun_math/Double_precision/s_erf.c Line: 321
 EWL_C/src/sun_math/Double_precision/s_erf.c Line: 331
 EWL_C/src/sun_math/Double_precision/s_erf.c Line: 335
 EWL_C/src/sun_math/Double_precision/s_erf.c Line: 349
 EWL_C/src/sun_math/Double_precision/s_erf.c Line: 362
 EWL_C/src/sun_math/Double_precision/s_erf.c Line: 365
 EWL_C/src/sun_math/Double_precision/s_erf.c Line: 376
 EWL_C/src/sun_math/Double_precision/s_erf.c Line: 379
 EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 157
 EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 160
 EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 172
 EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 185
 EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 211
 EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 225
 EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 231
 EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 236
 EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 239
 EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 247
 EWL_C/src/sun_math/Double_precision/s_floor.c Line: 59
 EWL_C/src/sun_math/Double_precision/s_floor.c Line: 69
 EWL_C/src/sun_math/Double_precision/s_floor.c Line: 72
 EWL_C/src/sun_math/Double_precision/s_floor.c Line: 78
 EWL_C/src/sun_math/Double_precision/s_frexp.c Line: 48
 EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 54
 EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 64
 EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 68
 EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 84
 EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 100
 EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 31
 EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 42
 EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 50

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EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 55
EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 60
EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 65
EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 70
EWL_C/src/sun_math/Double_precision/s_ldexp.c Line: 73
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 132
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 147
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 154
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 157
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 166
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 198
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 202
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 208
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 211
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 219
EWL_C/src/sun_math/Double_precision/s_log1p.c Line: 222
EWL_C/src/sun_math/Double_precision/s_logb.c Line: 48
EWL_C/src/sun_math/Double_precision/s_logb.c Line: 52
EWL_C/src/sun_math/Double_precision/s_logb.c Line: 56
EWL_C/src/sun_math/Double_precision/s_logb.c Line: 60
EWL_C/src/sun_math/Double_precision/s_matherr.c Line: 29
EWL_C/src/sun_math/Double_precision/s_modf.c Line: 55
EWL_C/src/sun_math/Double_precision/s_modf.c Line: 63
EWL_C/src/sun_math/Double_precision/s_modf.c Line: 69
EWL_C/src/sun_math/Double_precision/s_modf.c Line: 78
EWL_C/src/sun_math/Double_precision/s_modf.c Line: 86
EWL_C/src/sun_math/Double_precision/s_modf.c Line: 92
EWL_C/src/sun_math/Double_precision/s_nextafter.c Line: 47
EWL_C/src/sun_math/Double_precision/s_nextafter.c Line: 51
EWL_C/src/sun_math/Double_precision/s_nextafter.c Line: 59
EWL_C/src/sun_math/Double_precision/s_nextafter.c Line: 62
EWL_C/src/sun_math/Double_precision/s_nextafter.c Line: 88

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Power Architecture

General Exceptions

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EWL_C/src/sun_math/Double_precision/s_nextafter.c Line: 96
EWL_C/src/sun_math/Double_precision/s_rint.c Line: 63
EWL_C/src/sun_math/Double_precision/s_rint.c Line: 76
EWL_C/src/sun_math/Double_precision/s_rint.c Line: 81
EWL_C/src/sun_math/Double_precision/s_rint.c Line: 96
EWL_C/src/sun_math/Double_precision/s_rint.c Line: 100
EWL_C/src/sun_math/Double_precision/s_rint.c Line: 106
EWL_C/src/sun_math/Double_precision/s_sin.c Line: 64
EWL_C/src/sun_math/Double_precision/s_sin.c Line: 69
EWL_C/src/sun_math/Double_precision/s_sin.c Line: 80
EWL_C/src/sun_math/Double_precision/s_sin.c Line: 83
EWL_C/src/sun_math/Double_precision/s_sin.c Line: 90
EWL_C/src/sun_math/Double_precision/s_sin.c Line: 93
EWL_C/src/sun_math/Double_precision/s_sin.c Line: 100
EWL_C/src/sun_math/Double_precision/s_sin.c Line: 103
EWL_C/src/sun_math/Double_precision/s_sin.c Line: 110
EWL_C/src/sun_math/Double_precision/s_sin.c Line: 113
EWL_C/src/sun_math/Double_precision/s_tan.c Line: 64
EWL_C/src/sun_math/Double_precision/s_tan.c Line: 69
EWL_C/src/sun_math/Double_precision/s_tan.c Line: 76
EWL_C/src/sun_math/Double_precision/s_tanh.c Line: 64
EWL_C/src/sun_math/Double_precision/s_tanh.c Line: 67
EWL_C/src/sun_math/Double_precision/s_tanh.c Line: 75
EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 69
EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 72
EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 94
EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 99
EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 106
EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 115
EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 129
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 71
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 75

```

```

EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 78
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 82
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 86
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 90
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 75
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 97
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 106
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 117
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 142
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 145
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 65
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 69
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 96
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 99
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 102
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 109
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 118
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 121
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 124
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 127
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 134
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 137
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 140
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 143
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 151
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 167
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 175
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 178
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 181
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 80
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 102
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 106

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Power Architecture

General Exceptions

EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 117
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 120
EWL_C/src/sun_math/Single_precision/e_coshf.c Line: 55
EWL_C/src/sun_math/Single_precision/e_coshf.c Line: 64
EWL_C/src/sun_math/Single_precision/e_coshf.c Line: 67
EWL_C/src/sun_math/Single_precision/e_coshf.c Line: 74
EWL_C/src/sun_math/Single_precision/e_coshf.c Line: 80
EWL_C/src/sun_math/Single_precision/e_coshf.c Line: 88
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 77
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 81
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 92
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 103
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 123
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 136
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 147
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 153
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 81
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 85
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 89
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 134
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 147
EWL_C/src/sun_math/Single_precision/e_hypotf.c Line: 57
EWL_C/src/sun_math/Single_precision/e_hypotf.c Line: 70
EWL_C/src/sun_math/Single_precision/e_hypotf.c Line: 81
EWL_C/src/sun_math/Single_precision/e_hypotf.c Line: 118
EWL_C/src/sun_math/Single_precision/e_hypotf.c Line: 121
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:126
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:205
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:210
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:216
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:219
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:226



EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:233
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 79
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 102
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 105
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 113
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 78
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 101
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 104
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 112
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 128
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 132
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 138
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 142
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 160
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 163
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 168
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 171
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 88
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 94
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 132
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 152
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 176
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 179
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 182
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 188
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 191
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 196
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 201
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 220
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 248
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 251
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 263

Power Architecture

General Exceptions

EWL_C/src/sun_math/Single_precision/e_powf.c Line: 267
 EWL_C/src/sun_math/Single_precision/e_powf.c Line: 343
 EWL_C/src/sun_math/Single_precision/e_powf.c Line: 347
 EWL_C/src/sun_math/Single_precision/e_powf.c Line: 351
 EWL_C/src/sun_math/Single_precision/e_powf.c Line: 355
 EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:127
 EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:129
 EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:144
 EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:157
 EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:201
 EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:204
 EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:213
 EWL_C/src/sun_math/Single_precision/e_rem_pio2f.c Line:233
 EWL_C/src/sun_math/Single_precision/e_remainderf.c Line:72
 EWL_C/src/sun_math/Single_precision/e_remainderf.c Line:77
 EWL_C/src/sun_math/Single_precision/e_remainderf.c Line:83
 EWL_C/src/sun_math/Single_precision/e_sinhf.c Line: 55
 EWL_C/src/sun_math/Single_precision/e_sinhf.c Line: 65
 EWL_C/src/sun_math/Single_precision/e_sinhf.c Line: 71
 EWL_C/src/sun_math/Single_precision/e_sinhf.c Line: 74
 EWL_C/src/sun_math/Single_precision/e_sinhf.c Line: 80
 EWL_C/src/sun_math/Single_precision/e_sinhf.c Line: 88
 EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 59
 EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 66
 EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 89
 EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 92
 EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 17
 EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 21
 EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 27
 EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 31
 EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 37
 EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 41

```

EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 46
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 50
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 60
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 64
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 70
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 74
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 80
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 84
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 89
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line: 93
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line:101
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line:105
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line:111
EWL_C/src/sun_math/Single_precision/fminmaxdimf.c Line:115
EWL_C/src/sun_math/Single_precision/k_cosf.c Line: 58
EWL_C/src/sun_math/Single_precision/k_cosf.c Line: 65
EWL_C/src/sun_math/Single_precision/k_cosf.c Line: 75
EWL_C/src/sun_math/Single_precision/k_sinf.c Line: 58
EWL_C/src/sun_math/Single_precision/k_sinf.c Line: 66
EWL_C/src/sun_math/Single_precision/k_sinf.c Line: 70
EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 72
EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 75
EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 101
EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 105
EWL_C/src/sun_math/Single_precision/k_tanf.c Line: 122
EWL_C/src/sun_math/Single_precision/s_asinhf.c Line: 56
EWL_C/src/sun_math/Single_precision/s_asinhf.c Line: 61
EWL_C/src/sun_math/Single_precision/s_asinhf.c Line: 76
EWL_C/src/sun_math/Single_precision/s_asinhf.c Line: 79
EWL_C/src/sun_math/Single_precision/s_atanf.c Line: 95
EWL_C/src/sun_math/Single_precision/s_atanf.c Line: 99
EWL_C/src/sun_math/Single_precision/s_atanf.c Line: 102

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Power Architecture

General Exceptions

EWL_C/src/sun_math/Single_precision/s_atanf.c Line: 108
 EWL_C/src/sun_math/Single_precision/s_atanf.c Line: 136
 EWL_C/src/sun_math/Single_precision/s_atanf.c Line: 140
 EWL_C/src/sun_math/Single_precision/s_cbrtf.c Line: 73
 EWL_C/src/sun_math/Single_precision/s_cbrtf.c Line: 77
 EWL_C/src/sun_math/Single_precision/s_ceilf.c Line: 61
 EWL_C/src/sun_math/Single_precision/s_ceilf.c Line: 75
 EWL_C/src/sun_math/Single_precision/s_ceilf.c Line: 79
 EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 48
 EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 53
 EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 65
 EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 68
 EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 76
 EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 79
 EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 87
 EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 90
 EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 98
 EWL_C/src/sun_math/Single_precision/s_cosf.c Line: 101
 EWL_C/src/sun_math/Single_precision/s_erff.c Line: 130
 EWL_C/src/sun_math/Single_precision/s_erff.c Line: 138
 EWL_C/src/sun_math/Single_precision/s_erff.c Line: 141
 EWL_C/src/sun_math/Single_precision/s_erff.c Line: 148
 EWL_C/src/sun_math/Single_precision/s_erff.c Line: 156
 EWL_C/src/sun_math/Single_precision/s_erff.c Line: 159
 EWL_C/src/sun_math/Single_precision/s_erff.c Line: 165
 EWL_C/src/sun_math/Single_precision/s_erff.c Line: 168
 EWL_C/src/sun_math/Single_precision/s_erff.c Line: 190
 EWL_C/src/sun_math/Single_precision/s_erff.c Line: 193
 EWL_C/src/sun_math/Single_precision/s_erff.c Line: 214
 EWL_C/src/sun_math/Single_precision/s_erff.c Line: 220
 EWL_C/src/sun_math/Single_precision/s_erff.c Line: 228
 EWL_C/src/sun_math/Single_precision/s_erff.c Line: 233

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EWL_C/src/sun_math/Single_precision/s_erfff.c Line: 243
EWL_C/src/sun_math/Single_precision/s_erfff.c Line: 247
EWL_C/src/sun_math/Single_precision/s_erfff.c Line: 261
EWL_C/src/sun_math/Single_precision/s_erfff.c Line: 274
EWL_C/src/sun_math/Single_precision/s_erfff.c Line: 277
EWL_C/src/sun_math/Single_precision/s_erfff.c Line: 288
EWL_C/src/sun_math/Single_precision/s_erfff.c Line: 291
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 80
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 84
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 95
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 108
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 134
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 148
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 154
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 159
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 162
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 173
EWL_C/src/sun_math/Single_precision/s_floorf.c Line: 71
EWL_C/src/sun_math/Single_precision/s_floorf.c Line: 81
EWL_C/src/sun_math/Single_precision/s_floorf.c Line: 84
EWL_C/src/sun_math/Single_precision/s_frexp.c Line: 52
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 62
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 70
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 74
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 90
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 106
EWL_C/src/sun_math/Single_precision/s_ldexp.c Line: 39
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 88
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 103
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 110
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 113
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 122

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Power Architecture

General Exceptions

EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 155
 EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 159
 EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 165
 EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 168
 EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 176
 EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 179
 EWL_C/src/sun_math/Single_precision/s_logbf.c Line: 58
 EWL_C/src/sun_math/Single_precision/s_logbf.c Line: 62
 EWL_C/src/sun_math/Single_precision/s_logbf.c Line: 66
 EWL_C/src/sun_math/Single_precision/s_logbf.c Line: 70
 EWL_C/src/sun_math/Single_precision/s_modff.c Line: 53
 EWL_C/src/sun_math/Single_precision/s_modff.c Line: 62
 EWL_C/src/sun_math/Single_precision/s_modff.c Line: 66
 EWL_C/src/sun_math/Single_precision/s_modff.c Line: 75
 EWL_C/src/sun_math/Single_precision/s_nextafterf.c Line:51
 EWL_C/src/sun_math/Single_precision/s_nextafterf.c Line:55
 EWL_C/src/sun_math/Single_precision/s_nextafterf.c Line:62
 EWL_C/src/sun_math/Single_precision/s_nextafterf.c Line:65
 EWL_C/src/sun_math/Single_precision/s_nextafterf.c Line:85
 EWL_C/src/sun_math/Single_precision/s_nextafterf.c Line:92
 EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 61
 EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 74
 EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 79
 EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 90
 EWL_C/src/sun_math/Single_precision/s_rintf.c Line: 94
 EWL_C/src/sun_math/Single_precision/s_scalbnf.c Line: 54
 EWL_C/src/sun_math/Single_precision/s_scalbnf.c Line: 61
 EWL_C/src/sun_math/Single_precision/s_scalbnf.c Line: 66
 EWL_C/src/sun_math/Single_precision/s_scalbnf.c Line: 71
 EWL_C/src/sun_math/Single_precision/s_scalbnf.c Line: 77
 EWL_C/src/sun_math/Single_precision/s_scalbnf.c Line: 82
 EWL_C/src/sun_math/Single_precision/s_scalbnf.c Line: 85

EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 49
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 53
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 65
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 68
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 76
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 79
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 87
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 90
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 98
EWL_C/src/sun_math/Single_precision/s_sinf.c Line: 101
EWL_C/src/sun_math/Single_precision/s_tanf.c Line: 48
EWL_C/src/sun_math/Single_precision/s_tanf.c Line: 53
EWL_C/src/sun_math/Single_precision/s_tanf.c Line: 60
EWL_C/src/sun_math/Single_precision/s_tanhf.c Line: 55
EWL_C/src/sun_math/Single_precision/s_tanhf.c Line: 58
EWL_C/src/sun_math/Single_precision/s_tanhf.c Line: 66
EWL_C/src/sun_math/ansi_fp.c Line: 163
EWL_C/src/sun_math/ansi_fp.c Line: 167
EWL_C/src/sun_math/ansi_fp.c Line: 175
EWL_C/src/sun_math/ansi_fp.c Line: 182
EWL_C/src/sun_math/ansi_fp.c Line: 224
EWL_C/src/sun_math/ansi_fp.c Line: 230
EWL_C/src/sun_math/ansi_fp.c Line: 328
EWL_C/src/sun_math/ansi_fp.c Line: 357
EWL_C/src/sun_math/ansi_fp.c Line: 373
EWL_C/src/sun_math/ansi_fp.c Line: 400
EWL_C/src/sun_math/ansi_fp.c Line: 404
EWL_C/src/sun_math/ansi_fp.c Line: 408
EWL_C/src/sun_math/ansi_fp.c Line: 412
EWL_C/src/sun_math/ansi_fp.c Line: 416
EWL_C/src/sun_math/ansi_fp.c Line: 420
EWL_C/src/sun_math/ansi_fp.c Line: 424

Power Architecture

General Exceptions

EWL_C/src/sun_math/ansi_fp.c Line: 428
EWL_C/src/sun_math/ansi_fp.c Line: 432
EWL_C/src/sun_math/ansi_fp.c Line: 436
EWL_C/src/sun_math/ansi_fp.c Line: 440
EWL_C/src/sun_math/ansi_fp.c Line: 445
EWL_C/src/sun_math/ansi_fp.c Line: 449
EWL_C/src/sun_math/ansi_fp.c Line: 453
EWL_C/src/sun_math/ansi_fp.c Line: 458
EWL_C/src/sun_math/ansi_fp.c Line: 462
EWL_C/src/sun_math/ansi_fp.c Line: 466
EWL_C/src/sun_math/ansi_fp.c Line: 470
EWL_C/src/sun_math/ansi_fp.c Line: 474
EWL_C/src/sun_math/ansi_fp.c Line: 478
EWL_C/src/sun_math/ansi_fp.c Line: 482
EWL_C/src/sun_math/ansi_fp.c Line: 513
EWL_C/src/sun_math/ansi_fp.c Line: 516
EWL_C/src/sun_math/ansi_fp.c Line: 521
EWL_C/src/sun_math/ansi_fp.c Line: 524
EWL_C/src/sun_math/ansi_fp.c Line: 536
EWL_C/src/sun_math/ansi_fp.c Line: 545
EWL_C/src/sun_math/ansi_fp.c Line: 549
EWL_C/src/sun_math/ansi_fp.c Line: 564
EWL_C/src/sun_math/ansi_fp.c Line: 567
EWL_C/src/sun_math/ansi_fp.c Line: 571
EWL_C/src/sun_math/ansi_fp.c Line: 583
EWL_C/src/sun_math/ansi_fp.c Line: 587
EWL_C/src/sun_math/ansi_fp.c Line: 594
EWL_C/src/sun_math/ansi_fp.c Line: 599
EWL_C/src/sun_math/ansi_fp.c Line: 603
EWL_C/src/sun_math/ansi_fp.c Line: 606
EWL_C/src/sun_math/ansi_fp.c Line: 623
EWL_C/src/sun_math/ansi_fp.c Line: 745

EWL_C/src/sun_math/ansi_fp.c Line: 754
 EWL_C/src/sun_math/ansi_fp.c Line: 781
 EWL_C/src/sun_math/ansi_fp.c Line: 806
 EWL_C/src/sun_math/ansi_fp.c Line: 812
 EWL_C/src/sun_math/ansi_fp.c Line: 815
 EWL_C/src/sun_math/ansi_fp.c Line: 924
 EWL_C/src/sun_math/ansi_fp.c Line: 953
 EWL_C/src/sun_math/ansi_fp.c Line: 1059
 EWL_C/src/sun_math/ansi_fp.c Line: 1125
 EWL_C/src/sun_math/ansi_fp.c Line: 1132
 EWL_C/src/sun_math/ansi_fp.c Line: 1308
 EWL_C/src/sun_math/ansi_fp.c Line: 1313
 EWL_C/src/sun_math/ansi_fp.c Line: 1319
 EWL_C/src/sun_math/ansi_fp.c Line: 1322
 EWL_C/src/sun_math/ansi_fp.c Line: 1402
 EWL_C/src/sun_math/ansi_fp.c Line: 1405
 EWL_C/src/sun_math/math_sun.c Line: 114
 EWL_C/src/sun_math/math_sun.c Line: 130
 EWL_C/src/sun_math/math_sun.c Line: 173
 EWL_C/src/sun_math/math_sun.c Line: 189
 EWL_C/src/sun_math/math_sun.c Line: 232
 EWL_C/src/sun_math/math_sun.c Line: 248
 EWL_C/src/sun_math/math_sun.c Line: 294
 EWL_C/src/sun_math/math_sun.c Line: 310
 EWL_C/src/sun_math/math_sun.c Line: 384
 EWL_C/src/sun_math/math_sun.c Line: 400
 EWL_C/src/sun_math/math_sun.c Line: 473
 EWL_C/src/sun_math/math_sun.c Line: 489
 EWL_C/src/sun_math/math_sun.c Line: 560
 EWL_C/src/sun_math/math_sun.c Line: 576
 EWL_C/src/sun_math/math_sun.c Line: 618
 EWL_C/src/sun_math/math_sun.c Line: 634



Power Architecture

General Exceptions

EWL_C/src/sun_math/math_sun.c Line: 677
EWL_C/src/sun_math/math_sun.c Line: 693
EWL_C/src/sun_math/math_sun.c Line: 733
EWL_C/src/sun_math/math_sun.c Line: 787
EWL_C/src/sun_math/math_sun.c Line: 842
EWL_C/src/sun_math/math_sun.c Line: 1002
EWL_C/src/sun_math/math_sun.c Line: 1030
EWL_C/src/sun_math/math_sun.c Line: 1057
EWL_C/src/sun_math/math_sun.c Line: 1107
EWL_C/src/sun_math/math_sun.c Line: 1110
EWL_C/src/sun_math/math_sun.c Line: 1134
EWL_C/src/sun_math/math_sun.c Line: 1137
EWL_C/src/sun_math/math_sun.c Line: 1162
EWL_C/src/sun_math/math_sun.c Line: 1165
EWL_C/src/sys/uart_console_io.c Line: 75
EWL_C/src/sys/uart_console_io.c Line: 147
EWL_C/src/sys/uart_console_io.c Line: 153
EWL_C/src/time.c Line: 179
EWL_C/src/time.c Line: 256
EWL_C/src/time.c Line: 342
EWL_C/src/time.c Line: 422
EWL_C/src/time.c Line: 430
EWL_C/src/time.c Line: 468
EWL_C/src/time.c Line: 541
EWL_C/src/time.c Line: 558
EWL_C/src/time.c Line: 566
EWL_C/src/time.c Line: 583
EWL_C/src/time.c Line: 591
EWL_C/src/time.c Line: 612
EWL_C/src/time.c Line: 620
EWL_C/src/time.c Line: 636
EWL_C/src/time.c Line: 644

EWL_C/src/time.c Line: 665
EWL_C/src/time.c Line: 693
EWL_C/src/time.c Line: 809
EWL_C/src/time.c Line: 838
EWL_C/src/time.c Line: 852
EWL_C/src/time.c Line: 1124
EWL_C/src/time.c Line: 1135
EWL_C/src/wchar_io.c Line: 62
EWL_C/src/wchar_io.c Line: 68
EWL_C/src/wchar_io.c Line: 84
EWL_C/src/wchar_io.c Line: 91
EWL_C/src/wchar_io.c Line: 162
EWL_C/src/wchar_io.c Line: 166
EWL_C/src/wchar_io.c Line: 171
EWL_C/src/wchar_io.c Line: 204
EWL_C/src/wchar_io.c Line: 210
EWL_C/src/wchar_io.c Line: 269
EWL_C/src/wchar_io.c Line: 274
EWL_C/src/wchar_io.c Line: 317
EWL_C/src/wchar_io.c Line: 373
EWL_C/src/wchar_io.c Line: 378
EWL_C/src/wchar_io.c Line: 424
EWL_C/src/wcstold.c Line: 326
EWL_C/src/wcstold.c Line: 367
EWL_C/src/wcstold.c Line: 724
EWL_C/src/wcstold.c Line: 729
EWL_C/src/wcstold.c Line: 732
EWL_C/src/wcstold.c Line: 758
EWL_C/src/wcstold.c Line: 841
EWL_C/src/wcstold.c Line: 891
EWL_C/src/wctrans.c Line: 45
EWL_C/src/wctrans.c Line: 48



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General Exceptions

EWL_C/src/wctrans.c Line: 59
EWL_C/src/wctype.c Line: 290
EWL_C/src/wctype.c Line: 294
EWL_C/src/wctype.c Line: 298
EWL_C/src/wctype.c Line: 302
EWL_C/src/wctype.c Line: 306
EWL_C/src/wctype.c Line: 310
EWL_C/src/wctype.c Line: 314
EWL_C/src/wctype.c Line: 318
EWL_C/src/wctype.c Line: 322
EWL_C/src/wctype.c Line: 326
EWL_C/src/wctype.c Line: 330
EWL_C/src/wmem.c Line: 43
EWL_C/src/wmem.c Line: 50
EWL_C/src/wmem.c Line: 67
EWL_C/src/wmem.c Line: 74
EWL_C/src/wmem.c Line: 99
EWL_C/src/wprintf.c Line: 190
EWL_C/src/wprintf.c Line: 262
EWL_C/src/wprintf.c Line: 530
EWL_C/src/wprintf.c Line: 604
EWL_C/src/wprintf.c Line: 647
EWL_C/src/wprintf.c Line: 721
EWL_C/src/wprintf.c Line: 795
EWL_C/src/wprintf.c Line: 835
EWL_C/src/wprintf.c Line: 893
EWL_C/src/wprintf.c Line: 967
EWL_C/src/wprintf.c Line: 996
EWL_C/src/wprintf.c Line: 1020
EWL_C/src/wprintf.c Line: 1045
EWL_C/src/wprintf.c Line: 1216
EWL_C/src/wprintf.c Line: 1266

EWL_C/src/wprintf.c Line: 1289
EWL_C/src/wprintf.c Line: 1363
EWL_C/src/wprintf.c Line: 1417
EWL_C/src/wprintf.c Line: 1515
EWL_C/src/wprintf.c Line: 1527
EWL_C/src/wprintf.c Line: 1715
EWL_C/src/wprintf.c Line: 1740
EWL_C/src/wprintf.c Line: 1774
EWL_C/src/wprintf.c Line: 1826
EWL_C/src/wprintf.c Line: 1830
EWL_C/src/wprintf.c Line: 1841
EWL_C/src/wprintf.c Line: 1850
EWL_C/src/wprintf.c Line: 1854
EWL_C/src/wprintf.c Line: 1863
EWL_C/src/wprintf.c Line: 1872
EWL_C/src/wprintf.c Line: 1880
EWL_C/src/wprintf.c Line: 1940
EWL_C/src/wprintf.c Line: 1969
EWL_C/src/wprintf.c Line: 1974
EWL_C/src/wprintf.c Line: 2027
EWL_C/src/wprintf.c Line: 2067
EWL_C/src/wprintf.c Line: 2072
EWL_C/src/wprintf.c Line: 2127
EWL_C/src/wprintf.c Line: 2142
EWL_C/src/wprintf.c Line: 2146
EWL_C/src/wprintf.c Line: 2181
EWL_C/src/wprintf.c Line: 2207
EWL_C/src/wprintf.c Line: 2211
EWL_C/src/wprintf.c Line: 2340
EWL_C/src/wprintf.c Line: 2361
EWL_C/src/wprintfformat.c Line: 191
EWL_C/src/wprintfformat.c Line: 274

Power Architecture

General Exceptions

EWL_C/src/wprintfmat.c Line: 577
EWL_C/src/wprintfmat.c Line: 670
EWL_C/src/wprintfmat.c Line: 720
EWL_C/src/wprintfmat.c Line: 808
EWL_C/src/wprintfmat.c Line: 890
EWL_C/src/wprintfmat.c Line: 933
EWL_C/src/wprintfmat.c Line: 999
EWL_C/src/wprintfmat.c Line: 1082
EWL_C/src/wprintfmat.c Line: 1122
EWL_C/src/wprintfmat.c Line: 1154
EWL_C/src/wprintfmat.c Line: 1186
EWL_C/src/wprintfmat.c Line: 1386
EWL_C/src/wprintfmat.c Line: 1392
EWL_C/src/wprintfmat.c Line: 1447
EWL_C/src/wprintfmat.c Line: 1455
EWL_C/src/wprintfmat.c Line: 1484
EWL_C/src/wprintfmat.c Line: 1545
EWL_C/src/wprintfmat.c Line: 1577
EWL_C/src/wprintfmat.c Line: 1663
EWL_C/src/wprintfmat.c Line: 1729
EWL_C/src/wprintfmat.c Line: 1838
EWL_C/src/wprintfmat.c Line: 1852
EWL_C/src/wprintfmat.c Line: 2066
EWL_C/src/wprintfmat.c Line: 2101
EWL_C/src/wprintfmat.c Line: 2145
EWL_C/src/wprintfmat.c Line: 2202
EWL_C/src/wprintfmat.c Line: 2206
EWL_C/src/wprintfmat.c Line: 2220
EWL_C/src/wprintfmat.c Line: 2232
EWL_C/src/wprintfmat.c Line: 2237
EWL_C/src/wprintfmat.c Line: 2248
EWL_C/src/wprintfmat.c Line: 2259

EWL_C/src/wprintf.c Line: 2271
EWL_C/src/wscanf.c Line: 133
EWL_C/src/wscanf.c Line: 154
EWL_C/src/wscanf.c Line: 942
EWL_C/src/wscanf.c Line: 957
EWL_C/src/wscanf.c Line: 960
EWL_C/src/wscanf.c Line: 964
EWL_C/src/wscanf.c Line: 967
EWL_C/src/wscanf.c Line: 971
EWL_C/src/wscanf.c Line: 987
EWL_C/src/wscanf.c Line: 991
EWL_C/src/wscanf.c Line: 1001
EWL_C/src/wscanf.c Line: 1005
EWL_C/src/wscanf.c Line: 1009
EWL_C/src/wscanf.c Line: 1058
EWL_C/src/wscanf.c Line: 1093
EWL_C/src/wscanf.c Line: 1097
EWL_C/src/wscanf.c Line: 1142
EWL_C/src/wscanf.c Line: 1170
EWL_C/src/wscanf.c Line: 1174
EWL_C/src/wscanf.c Line: 1216
EWL_C/src/wscanf.c Line: 1231
EWL_C/src/wscanf.c Line: 1235
EWL_C/src/wscanf.c Line: 1270
EWL_C/src/wscanf.c Line: 1274
EWL_C/src/wscanf.c Line: 1296
EWL_C/src/wscanf.c Line: 1300
EWL_C/src/wscanf.c Line: 1341
EWL_C/src/wscanf.c Line: 1356
EWL_C/src/wstring.c Line: 90
EWL_C/src/wstring.c Line: 137
EWL_C/src/wstring.c Line: 145

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General Exceptions

EWL_C/src/wstring.c Line: 206
EWL_C/src/wstring.c Line: 215
EWL_C/src/wstring.c Line: 221
EWL_C/src/wstring.c Line: 270
EWL_C/src/wstring.c Line: 279
EWL_C/src/wstring.c Line: 286
EWL_C/src/wstring.c Line: 352
EWL_C/src/wstring.c Line: 361
EWL_C/src/wstring.c Line: 370
EWL_C/src/wstring.c Line: 376
EWL_C/src/wstring.c Line: 400
EWL_C/src/wstring.c Line: 414
EWL_C/src/wstring.c Line: 437
EWL_C/src/wstring.c Line: 454
EWL_C/src/wstring.c Line: 478
EWL_C/src/wstring.c Line: 493
EWL_C/src/wstring.c Line: 539
EWL_C/src/wstring.c Line: 560
EWL_C/src/wstring.c Line: 580
EWL_C/src/wstring.c Line: 593
EWL_C/src/wstring.c Line: 614
EWL_C/src/wstring.c Line: 626
EWL_C/src/wstring.c Line: 721
EWL_C/src/wstring.c Line: 738
EWL_C/src/wstring.c Line: 771
EWL_C/src/wstring.c Line: 814
EWL_C/src/wstring.c Line: 828
EWL_C/src/wstring.c Line: 844
EWL_C/src/wstring.c Line: 860
EWL_C/src/wtime.c Line: 45
EWL_C/src/wtime.c Line: 58

MISRA_EXCEPTION_RULE_15_2

This topic lists the MISRA rule for fall-through in the switch statements.

MISRA 2004 Rule 15.2: fall-through

Used to allow fall-through in switch statements.

```
EWL_C/src/mbstring.c Line: 238
EWL_C/src/mbstring.c Line: 242
EWL_C/src/mbstring.c Line: 246
EWL_C/src/mbstring.c Line: 250
EWL_C/src/mbstring.c Line: 254
EWL_C/src/mbstring.c Line: 298
EWL_C/src/mbstring.c Line: 306
EWL_C/src/mbstring.c Line: 314
EWL_C/src/mbstring.c Line: 322
EWL_C/src/mbstring.c Line: 330
EWL_C/src/printformat.c Line: 604
EWL_C/src/printformat.c Line: 1754
EWL_C/src/printformat.c Line: 1813
EWL_C/src/sc/file_io_StarCore.c Line: 99
EWL_C/src/sc/file_io_StarCore.c Line: 101
EWL_C/src/scanformat.c Line: 1345
EWL_C/src/strtold.c Line: 315
EWL_C/src/wcstold.c Line: 284
EWL_C/src/wprintf.c Line: 434
EWL_C/src/wprintfformat.c Line: 463
EWL_C/src/wprintfformat.c Line: 1706
EWL_C/src/wscanf.c Line: 803
```

MISRA_EXCEPTION_RULE_16_1

This topic lists the MISRA rule for variable argument lists.

MISRA 2004 Rule 16.1: Variable arg list

Used to allow variable argument lists, e.g., "int printf(const char* format, ...)";

```

EWL_C/src/printf.c Line: 93
EWL_C/src/printf.c Line: 125
EWL_C/src/printf.c Line: 163
EWL_C/src/printf.c Line: 165
EWL_C/src/printf.c Line: 185
EWL_C/src/printf.c Line: 187
EWL_C/src/printf.c Line: 215
EWL_C/src/printf.c Line: 255
EWL_C/src/printf.c Line: 494
EWL_C/src/printf.c Line: 507
EWL_C/src/printf.c Line: 520
EWL_C/src/printf.c Line: 533
EWL_C/src/scanf.c Line: 131
EWL_C/src/scanf.c Line: 187
EWL_C/src/scanf.c Line: 265
EWL_C/src/scanf.c Line: 302
EWL_C/src/scanf.c Line: 349
EWL_C/src/scanf.c Line: 351
EWL_C/src/scanf.c Line: 368
EWL_C/src/scanf.c Line: 370
EWL_C/src/scanf.c Line: 495
EWL_C/src/scanf.c Line: 508
EWL_C/src/time.c Line: 654
EWL_C/src/wprintf.c Line: 1934
EWL_C/src/wprintf.c Line: 1961
EWL_C/src/wprintf.c Line: 2019
EWL_C/src/wprintf.c Line: 2058
EWL_C/src/wprintf.c Line: 2251
EWL_C/src/wprintf.c Line: 2263
EWL_C/src/wprintf.c Line: 2275

```

EWL_C/src/wscanf.c Line: 1040
EWL_C/src/wscanf.c Line: 1074
EWL_C/src/wscanf.c Line: 1132
EWL_C/src/wscanf.c Line: 1158
EWL_C/src/wscanf.c Line: 1388
EWL_C/src/wscanf.c Line: 1400
EWL_C/src/wtime.c Line: 36

MISRA_EXCEPTION_RULE_16_2

This topic lists the MISRA rule for calls through function pointers.

MISRA 2004 Rule 16.2: Functions shall not call themselves, directly or indirectly

Used to allow calls through function pointers.

EWL_C/src/abort_exit.c Line: 95
EWL_C/src/arm/arith_aeabi.c Line: 26
EWL_C/src/arm/errno_aeabi.c Line: 23
EWL_C/src/arm/fenv_arm.c Line: 188
EWL_C/src/arm/float_exceptions.c Line: 103
EWL_C/src/bsearch.c Line: 28
EWL_C/src/buffer_io.c Line: 199
EWL_C/src/file_io.c Line: 175
EWL_C/src/file_pos.c Line: 29
EWL_C/src/mbstring.c Line: 193
EWL_C/src/printformat.c Line: 1894
EWL_C/src/qsort.c Line: 105
EWL_C/src/scanformat.c Line: 537
EWL_C/src/secure_error.c Line: 27
EWL_C/src/signal.c Line: 50
EWL_C/src/strtold.c Line: 256
EWL_C/src/strtoul.c Line: 108
EWL_C/src/sun_math/ansi_fp.c Line: 385

EWL_C/src/time.c Line: 791
EWL_C/src/wcstold.c Line: 229
EWL_C/src/wcstoul.c Line: 117
EWL_C/src/wprintf.c Line: 1475
EWL_C/src/wprintfformat.c Line: 1798
EWL_C/src/wscanf.c Line: 331
EWL_C/src/wtime.c Line: 59

MISRA_EXCEPTION_RULE_16_7

This topic lists the MISRA rule for implementing a C std routine which could use const arguments.

MISRA 2004 Rule 16.7: Pointer parameter could be declared as pointing to const

Used when implementing a C std routine which could use const arguments.

EWL_C/src/alloc.c Line: 2458
EWL_C/src/alloc.c Line: 2801
EWL_C/src/alloc.c Line: 2880
EWL_C/src/coldfire/uart_console_io_cf.c Line: 93
EWL_C/src/coldfire/uart_console_io_cf.c Line: 120
EWL_C/src/file_pos.c Line: 118
EWL_C/src/mbstring.c Line: 634
EWL_C/src/mbstring.c Line: 649
EWL_C/src/mbstring.c Line: 683
EWL_C/src/misc_io.c Line: 50
EWL_C/src/misc_io.c Line: 60
EWL_C/src/pa/fenv.ppc.c Line: 427
EWL_C/src/pa/fenv.ppc.c Line: 482
EWL_C/src/printf.c Line: 71
EWL_C/src/printfformat.c Line: 242
EWL_C/src/sc/console_io_StarCore.c Line: 29
EWL_C/src/sc/console_io_StarCore.c Line: 55

EWL_C/src/sc/console_io_StarCore.c Line: 80
EWL_C/src/sc/file_io_StarCore.c Line: 167
EWL_C/src/sc/file_io_StarCore.c Line: 198
EWL_C/src/sc/file_io_StarCore.c Line: 227
EWL_C/src/sc/file_io_StarCore.c Line: 312
EWL_C/src/scanf.c Line: 88
EWL_C/src/scanfformat.c Line: 1558
EWL_C/src/secure_error.c Line: 68
EWL_C/src/secure_error.c Line: 76
EWL_C/src/secure_error.c Line: 93
EWL_C/src/sun_math/Double_precision/s_matherr.c Line: 19
EWL_C/src/sys/uart_console_io.c Line: 57
EWL_C/src/sys/uart_console_io.c Line: 127
EWL_C/src/wprintf.c Line: 171
EWL_C/src/wprintfformat.c Line: 171
EWL_C/src/wscanf.c Line: 948

MISRA_EXCEPTION_RULE_17_3

This topic lists the MISRA rule for pointer operations.

MISRA 2004 Rule 17.2 and 17.3: Pointer operations

Used when pointer arithmetic is required, e.g. "buffer_len = file->buffer_ptr - file->buffer;"

EWL_C/src/alloc.c Line: 200
EWL_C/src/alloc.c Line: 236
EWL_C/src/alloc.c Line: 259
EWL_C/src/alloc.c Line: 3143
EWL_C/src/buffer_io.c Line: 207
EWL_C/src/char_io.c Line: 407
EWL_C/src/direct_io.c Line: 272
EWL_C/src/direct_io.c Line: 287

Power Architecture

General Exceptions

EWL_C/src/file_pos.c Line: 62
EWL_C/src/printfformat.c Line: 872
EWL_C/src/printfformat.c Line: 1007
EWL_C/src/printfformat.c Line: 1565
EWL_C/src/printfformat.c Line: 1777
EWL_C/src/printfformat.c Line: 1941
EWL_C/src/printfformat.c Line: 2047
EWL_C/src/printfformat.c Line: 2131
EWL_C/src/printfformat.c Line: 2174
EWL_C/src/printfformat.c Line: 2192
EWL_C/src/printfformat.c Line: 2241
EWL_C/src/string.c Line: 708
EWL_C/src/string.c Line: 712
EWL_C/src/string.c Line: 735
EWL_C/src/string.c Line: 740
EWL_C/src/string.c Line: 746
EWL_C/src/string.c Line: 896
EWL_C/src/string.c Line: 918
EWL_C/src/string.c Line: 949
EWL_C/src/string.c Line: 971
EWL_C/src/string.c Line: 1269
EWL_C/src/strtold.c Line: 860
EWL_C/src/sun_math/ansi_fp.c Line: 172
EWL_C/src/sun_math/ansi_fp.c Line: 255
EWL_C/src/sun_math/ansi_fp.c Line: 309
EWL_C/src/sun_math/ansi_fp.c Line: 315
EWL_C/src/sun_math/ansi_fp.c Line: 319
EWL_C/src/sun_math/ansi_fp.c Line: 644
EWL_C/src/sun_math/ansi_fp.c Line: 647
EWL_C/src/sun_math/ansi_fp.c Line: 665
EWL_C/src/sun_math/ansi_fp.c Line: 704
EWL_C/src/sun_math/ansi_fp.c Line: 711

```

EWL_C/src/sun_math/ansi_fp.c Line: 721
EWL_C/src/sun_math/ansi_fp.c Line: 728
EWL_C/src/sun_math/ansi_fp.c Line: 936
EWL_C/src/sun_math/ansi_fp.c Line: 960
EWL_C/src/sun_math/ansi_fp.c Line: 965
EWL_C/src/time.c Line: 78
EWL_C/src/time.c Line: 828
EWL_C/src/wcstold.c Line: 799
EWL_C/src/wprintf.c Line: 602
EWL_C/src/wprintf.c Line: 719
EWL_C/src/wprintf.c Line: 1361
EWL_C/src/wprintf.c Line: 1521
EWL_C/src/wprintf.c Line: 1596
EWL_C/src/wprintf.c Line: 1659
EWL_C/src/wprintf.c Line: 1684
EWL_C/src/wprintf.c Line: 1702
EWL_C/src/wprintf.c Line: 1730
EWL_C/src/wprintf.c Line: 1755
EWL_C/src/wprintfformat.c Line: 667
EWL_C/src/wprintfformat.c Line: 805
EWL_C/src/wprintfformat.c Line: 1402
EWL_C/src/wprintfformat.c Line: 1660
EWL_C/src/wprintfformat.c Line: 1845
EWL_C/src/wprintfformat.c Line: 1936
EWL_C/src/wprintfformat.c Line: 2006
EWL_C/src/wprintfformat.c Line: 2032
EWL_C/src/wprintfformat.c Line: 2052
EWL_C/src/wprintfformat.c Line: 2086
EWL_C/src/wprintfformat.c Line: 2121
EWL_C/src/wscanf.c Line: 99
EWL_C/src/wstring.c Line: 98
EWL_C/src/wstring.c Line: 650

```

```
EWL_C/src/wstring.c Line: 662
EWL_C/src/wstring.c Line: 683
EWL_C/src/wstring.c Line: 696
EWL_C/src/wtime.c Line: 119
```

MISRA_EXCEPTION_RULE_19_6

This topic lists the MISRA rule for #undef.

save -e960 MISRA 2004 Rule 19.6: Use of '#undef' is discouraged

Used when #undef has to used to control compilation.

```
EWL_C/include/ansi_parms.h Line: 456
EWL_C/src/arm/ctype_aeabi.c Line: 11
EWL_C/src/arm/math_ARM.c Line: 13
EWL_C/src/bsearch.c Line: 16
EWL_C/src/mbstring.c Line: 29
EWL_C/src/mem.c Line: 21
EWL_C/src/printf.c Line: 35
EWL_C/src/qsort.c Line: 56
EWL_C/src/scanf.c Line: 23
EWL_C/src/secure_error.c Line: 9
EWL_C/src/string.c Line: 44
EWL_C/src/time.c Line: 30
EWL_C/src/wmem.c Line: 21
EWL_C/src/wprintf.c Line: 29
EWL_C/src/wscanf.c Line: 26
EWL_C/src/wstring.c Line: 38
```

MISRA_EXCEPTION_RULE_19_7

This topic lists the MISRA rule for the function-like macro.

save -e961 MISRA 2004 Rule 19.7: Function-like macro

Used when a function-like macro is defined.

```
EWL_C/src/alloc.c Line: 14
EWL_C/src/alloc.c Line: 63
EWL_C/src/alloc.c Line: 1973
EWL_C/src/alloc.c Line: 2493
EWL_C/src/alloc.c Line: 2559
EWL_C/src/bsearch.c Line: 24
EWL_C/src/buffer_io.c Line: 121
EWL_C/src/coldfire/fenv_cf.c Line: 31
EWL_C/src/mem_funcs.c Line: 72
EWL_C/src/qsort.c Line: 64
EWL_C/src/scanformat.c Line: 140
EWL_C/src/string.c Line: 816
EWL_C/src/strtold.c Line: 232
EWL_C/src/strtoul.c Line: 98
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 19
EWL_C/src/wcstold.c Line: 202
EWL_C/src/wcstoul.c Line: 107
```

MISRA_EXCEPTION_RULE_1_2a

This topic lists the MISRA rule for the cast from pointer to void.

MISRA 2004 Rule 1.2: Cast from pointer to void

Used to silence "function result not used" warnings.

```
EWL_C/src/alloc.c Line: 2077
EWL_C/src/string.c Line: 1412
EWL_C/src/wprintf.c Line: 980
EWL_C/src/wprintf.c Line: 983
EWL_C/src/wprintf.c Line: 989
EWL_C/src/wprintf.c Line: 992
```



Power Architecture

General Exceptions

EWL_C/src/wprintf.c Line: 1004
EWL_C/src/wprintf.c Line: 1007
EWL_C/src/wprintf.c Line: 1013
EWL_C/src/wprintf.c Line: 1016
EWL_C/src/wprintf.c Line: 1029
EWL_C/src/wprintf.c Line: 1032
EWL_C/src/wprintf.c Line: 1038
EWL_C/src/wprintf.c Line: 1041
EWL_C/src/wprintf.c Line: 1250
EWL_C/src/wprintf.c Line: 1253
EWL_C/src/wprintf.c Line: 1259
EWL_C/src/wprintf.c Line: 1262
EWL_C/src/wprintf.c Line: 1273
EWL_C/src/wprintf.c Line: 1276
EWL_C/src/wprintf.c Line: 1282
EWL_C/src/wprintf.c Line: 1285
EWL_C/src/wprintfformat.c Line: 1099
EWL_C/src/wprintfformat.c Line: 1104
EWL_C/src/wprintfformat.c Line: 1113
EWL_C/src/wprintfformat.c Line: 1118
EWL_C/src/wprintfformat.c Line: 1131
EWL_C/src/wprintfformat.c Line: 1136
EWL_C/src/wprintfformat.c Line: 1145
EWL_C/src/wprintfformat.c Line: 1150
EWL_C/src/wprintfformat.c Line: 1163
EWL_C/src/wprintfformat.c Line: 1168
EWL_C/src/wprintfformat.c Line: 1177
EWL_C/src/wprintfformat.c Line: 1182
EWL_C/src/wprintfformat.c Line: 1522
EWL_C/src/wprintfformat.c Line: 1527
EWL_C/src/wprintfformat.c Line: 1536
EWL_C/src/wprintfformat.c Line: 1541

EWL_C/src/wprintfmat.c Line: 1554
EWL_C/src/wprintfmat.c Line: 1559
EWL_C/src/wprintfmat.c Line: 1568
EWL_C/src/wprintfmat.c Line: 1573
EWL_C/src/wstring.c Line: 149
EWL_C/src/wstring.c Line: 213
EWL_C/src/wstring.c Line: 225
EWL_C/src/wstring.c Line: 290
EWL_C/src/wstring.c Line: 368
EWL_C/src/wstring.c Line: 380
EWL_C/src/wstring.c Line: 512

MISRA_EXCEPTION_RULE_1_2b

This topic lists the MISRA rule for the more efficient copy code.

MISRA 2004 Rule 1.2: Both sides have side effects

Used to generate more efficient copy code, e.g., "if (*p1++ != *p2++)".

EWL_C/src/coldfire/fenv_cf.c Line: 154
EWL_C/src/mem.c Line: 255
EWL_C/src/mem.c Line: 272
EWL_C/src/string.c Line: 553
EWL_C/src/string.c Line: 570
EWL_C/src/string.c Line: 1206
EWL_C/src/string.c Line: 1238
EWL_C/src/sun_math/Double_precision/s_asinh.c Line: 68
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 270
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 359
EWL_C/src/sun_math/Single_precision/s_asinhf.c Line: 72
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 187
EWL_C/src/sun_math/Single_precision/s_erff.c Line: 271
EWL_C/src/wstring.c Line: 397

EWL_C/src/wstring.c Line: 411
 EWL_C/src/wstring.c Line: 435
 EWL_C/src/wstring.c Line: 452
 EWL_C/src/wstring.c Line: 824
 EWL_C/src/wstring.c Line: 856

MISRA_EXCEPTION_RULE_1_2c

This topic lists the MISRA rule for the unusual pointer cast.

MISRA 2004 Rule 1.2: Unusual pointer cast (incompatible indirect types)

Used in vararg handling or to generate floating point values from bit patterns.

EWL_C/src/arm/file_io_aeabi.c Line: 34
 EWL_C/src/arm/file_io_aeabi.c Line: 38
 EWL_C/src/arm/file_io_aeabi.c Line: 42
 EWL_C/src/arm/math_ARM.c Line: 48
 EWL_C/src/math_api.c Line: 112
 EWL_C/src/math_api.c Line: 122
 EWL_C/src/math_double.c Line: 55
 EWL_C/src/math_double.c Line: 58
 EWL_C/src/math_double.c Line: 92
 EWL_C/src/math_float.c Line: 63
 EWL_C/src/math_float.c Line: 200
 EWL_C/src/math_float.c Line: 203
 EWL_C/src/math_fma.c Line: 485
 EWL_C/src/math_fma.c Line: 488
 EWL_C/src/math_fma.c Line: 491
 EWL_C/src/math_fma.c Line: 779
 EWL_C/src/math_fma.c Line: 810
 EWL_C/src/math_fma.c Line: 819
 EWL_C/src/math_fma.c Line: 850
 EWL_C/src/pa/math_ppc.c Line: 151

EWL_C/src/printf.c Line: 1954
EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 92
EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 89
EWL_C/src/sun_math/ansi_fp.c Line: 135
EWL_C/src/sun_math/ansi_fp.c Line: 821
EWL_C/src/sun_math/ansi_fp.c Line: 1001
EWL_C/src/sun_math/ansi_fp.c Line: 1047
EWL_C/src/wprintf.c Line: 1534
EWL_C/src/wprintf.c Line: 1780
EWL_C/src/wprintf.c Line: 1858
EWL_C/src/wscanf.c Line: 497
EWL_C/src/wscanf.c Line: 615
EWL_C/src/wscanf.c Line: 679
EWL_C/src/wscanf.c Line: 910

MISRA_EXCEPTION_RULE_1_2d

This topic lists the MISRA rule for division by zero.

MISRA 2004 Rule 1.2: Division by zero

Used to generate FP NaN results.

EWL_C/src/coldfire/fenv_cf.c Line: 155
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 101
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:209
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:225
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:232
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 78
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 77
EWL_C/src/sun_math/Single_precision/s_log1pf.c Line: 87

MISRA_EXCEPTION_RULE_20_11

This topic lists the MISRA rule for `abort()`.

MISRA 2004 Rule 20.11: abort shall not be used

Used when abort() has to be used.

EWL_C/src/arm/assert_aeabi.c Line: 50
EWL_C/src/assert.c Line: 53
EWL_C/src/sc/assert_StarCore.c Line: 12
EWL_C/src/sc/signal_StarCore.c Line: 292
EWL_C/src/secure_error.c Line: 65
EWL_C/src/signal.c Line: 79

MISRA_EXCEPTION_RULE_20_12

This topic lists the MISRA rule for mktime().

MISRA 2004 Rule 20.12: mktime shall not be used

Used when mktime() has to be used.

EWL_C/src/time.c Line: 339
EWL_C/src/time.c Line: 485
EWL_C/src/time.c Line: 739
EWL_C/src/time.c Line: 747
EWL_C/src/time.c Line: 772
EWL_C/src/time.c Line: 783
EWL_C/src/time.c Line: 818
EWL_C/src/time.c Line: 903
EWL_C/src/time.c Line: 917
EWL_C/src/time.c Line: 978
EWL_C/src/time.c Line: 989
EWL_C/src/time.c Line: 1003
EWL_C/src/time.c Line: 1037
EWL_C/src/time.c Line: 1047
EWL_C/src/time.c Line: 1072
EWL_C/src/time.c Line: 1080
EWL_C/src/time.c Line: 1082

EWL_C/src/time.c Line: 1084

EWL_C/src/wtime.c Line: 93

EWL_C/src/wtime.c Line: 357

MISRA_EXCEPTION_RULE_20_4

This topic lists the MISRA rule for `malloc()`.

MISRA 2004 Rule 20.4: malloc shall not be used

Used when `malloc()` has to be used.

EWL_C/src/alloc.c Line: 417

EWL_C/src/alloc.c Line: 437

EWL_C/src/alloc.c Line: 462

EWL_C/src/alloc.c Line: 470

EWL_C/src/ansi_files.c Line: 246

EWL_C/src/ansi_files.c Line: 303

EWL_C/src/buffer_io.c Line: 266

EWL_C/src/buffer_io.c Line: 302

EWL_C/src/file_io.c Line: 200

EWL_C/src/file_io.c Line: 344

EWL_C/src/file_io.c Line: 403

EWL_C/src/file_io.c Line: 659

EWL_C/src/sc/file_io_StarCore.c Line: 139

EWL_C/src/sc/file_io_StarCore.c Line: 301

EWL_C/src/sc/thread_local_data_StarCore.c Line: 118

EWL_C/src/string.c Line: 636

EWL_C/src/string.c Line: 638

EWL_C/src/string.c Line: 645

EWL_C/src/string.c Line: 647

EWL_C/src/string.c Line: 686

EWL_C/src/string.c Line: 692

EWL_C/src/string.c Line: 694

EWL_C/src/string.c Line: 697

EWL_C/src/string.c Line: 752

EWL_C/src/string.c Line: 754

EWL_C/src/string.c Line: 760

MISRA_EXCEPTION_RULE_20_5

This topic lists the MISRA rule for errno.

MISRA 2004 Rule 20.5: errno shall not be used

Used when errno has to be used.

EWL_C/src/file_pos.c Line: 50

EWL_C/src/file_pos.c Line: 104

EWL_C/src/file_pos.c Line: 178

EWL_C/src/file_pos.c Line: 187

EWL_C/src/file_pos.c Line: 230

EWL_C/src/file_pos.c Line: 245

EWL_C/src/math_double.c Line: 119

EWL_C/src/math_double.c Line: 243

EWL_C/src/math_double.c Line: 248

EWL_C/src/math_float.c Line: 74

EWL_C/src/math_float.c Line: 84

EWL_C/src/math_float.c Line: 157

EWL_C/src/math_float.c Line: 249

EWL_C/src/math_float.c Line: 310

EWL_C/src/math_float.c Line: 315

EWL_C/src/math_float.c Line: 320

EWL_C/src/math_longdouble.c Line: 53

EWL_C/src/math_longdouble.c Line: 58

EWL_C/src/math_longdouble.c Line: 87

EWL_C/src/math_longdouble.c Line: 113

EWL_C/src/math_longdouble.c Line: 117

EWL_C/src/math_longdouble.c Line: 177

EWL_C/src/math_longdouble.c Line: 182

EWL_C/src/math_longdouble.c Line: 187
EWL_C/src/math_longdouble.c Line: 215
EWL_C/src/math_longdouble.c Line: 222
EWL_C/src/mbstring.c Line: 622
EWL_C/src/misc_io.c Line: 72
EWL_C/src/sc/asin_StarCore.c Line: 105
EWL_C/src/sc/asin_StarCore.c Line: 110
EWL_C/src/sc/asin_StarCore.c Line: 114
EWL_C/src/sc/asin_StarCore.c Line: 130
EWL_C/src/sc/asin_StarCore.c Line: 135
EWL_C/src/sc/asin_StarCore.c Line: 139
EWL_C/src/sc/atan2_StarCore.c Line: 25
EWL_C/src/sc/atan2_StarCore.c Line: 30
EWL_C/src/sc/atan2_StarCore.c Line: 34
EWL_C/src/sc/exp_StarCore.c Line: 32
EWL_C/src/sc/exp_StarCore.c Line: 37
EWL_C/src/sc/exp_StarCore.c Line: 121
EWL_C/src/sc/exp_StarCore.c Line: 125
EWL_C/src/sc/exp_StarCore.c Line: 140
EWL_C/src/sc/exp_StarCore.c Line: 144
EWL_C/src/sc/file_io_StarCore.c Line: 118
EWL_C/src/sc/file_io_StarCore.c Line: 178
EWL_C/src/sc/file_io_StarCore.c Line: 209
EWL_C/src/sc/file_io_StarCore.c Line: 241
EWL_C/src/sc/file_io_StarCore.c Line: 272
EWL_C/src/sc/file_io_StarCore.c Line: 377
EWL_C/src/sc/ldexp_StarCore.c Line: 28
EWL_C/src/sc/ldexp_StarCore.c Line: 32
EWL_C/src/sc/log10_StarCore.c Line: 33
EWL_C/src/sc/log10_StarCore.c Line: 38
EWL_C/src/sc/log10_StarCore.c Line: 59
EWL_C/src/sc/log10_StarCore.c Line: 66



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EWL_C/src/sc/log10_StarCore.c Line: 76
EWL_C/src/sc/log10_StarCore.c Line: 81
EWL_C/src/sc/log_StarCore.c Line: 32
EWL_C/src/sc/log_StarCore.c Line: 37
EWL_C/src/sc/log_StarCore.c Line: 88
EWL_C/src/sc/log_StarCore.c Line: 93
EWL_C/src/sc/log_StarCore.c Line: 97
EWL_C/src/sc/log_StarCore.c Line: 107
EWL_C/src/sc/log_StarCore.c Line: 111
EWL_C/src/sc/math_StarCore.c Line: 53
EWL_C/src/sc/math_StarCore.c Line: 58
EWL_C/src/sc/math_StarCore.c Line: 62
EWL_C/src/sc/math_StarCore.c Line: 160
EWL_C/src/sc/math_StarCore.c Line: 208
EWL_C/src/sc/math_StarCore.c Line: 227
EWL_C/src/sc/math_StarCore.c Line: 275
EWL_C/src/sc/math_StarCore.c Line: 294
EWL_C/src/sc/math_StarCore.c Line: 343
EWL_C/src/sc/pow_StarCore.c Line: 99
EWL_C/src/sc/pow_StarCore.c Line: 104
EWL_C/src/sc/pow_StarCore.c Line: 108
EWL_C/src/sc/pow_StarCore.c Line: 118
EWL_C/src/sc/pow_StarCore.c Line: 123
EWL_C/src/sc/pow_StarCore.c Line: 152
EWL_C/src/sc/pow_StarCore.c Line: 156
EWL_C/src/sc/pow_StarCore.c Line: 172
EWL_C/src/sc/pow_StarCore.c Line: 176
EWL_C/src/sc/pow_StarCore.c Line: 207
EWL_C/src/sc/pow_StarCore.c Line: 211
EWL_C/src/sc/pow_StarCore.c Line: 221
EWL_C/src/sc/pow_StarCore.c Line: 225
EWL_C/src/sc/signal_StarCore.c Line: 122

EWL_C/src/sc/signal_StarCore.c Line: 139
 EWL_C/src/sc/signal_StarCore.c Line: 152
 EWL_C/src/sc/signal_StarCore.c Line: 214
 EWL_C/src/sc/sinh_StarCore.c Line: 60
 EWL_C/src/sc/sinh_StarCore.c Line: 64
 EWL_C/src/sc/sqrt_StarCore.c Line: 36
 EWL_C/src/sc/sqrt_StarCore.c Line: 41
 EWL_C/src/sc/sqrt_StarCore.c Line: 45
 EWL_C/src/sc/sqrt_StarCore.c Line: 91
 EWL_C/src/sc/sqrt_StarCore.c Line: 96
 EWL_C/src/sc/sqrt_StarCore.c Line: 100
 EWL_C/src/sc/time_StarCore.c Line: 60
 EWL_C/src/signal.c Line: 33
 EWL_C/src/strtold.c Line: 767
 EWL_C/src/strtold.c Line: 772
 EWL_C/src/strtold.c Line: 974
 EWL_C/src/strtold.c Line: 999
 EWL_C/src/strtold.c Line: 1026
 EWL_C/src/strtoul.c Line: 273
 EWL_C/src/strtoul.c Line: 307
 EWL_C/src/strtoul.c Line: 316
 EWL_C/src/strtoul.c Line: 352
 EWL_C/src/strtoul.c Line: 538
 EWL_C/src/strtoul.c Line: 546
 EWL_C/src/sun_math/Double_precision/e_acos.c Line: 90
 EWL_C/src/sun_math/Double_precision/e_acos.c Line: 95
 EWL_C/src/sun_math/Double_precision/e_acos.c Line: 100
 EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 60
 EWL_C/src/sun_math/Double_precision/e_acosh.c Line: 65
 EWL_C/src/sun_math/Double_precision/e_asin.c Line: 95
 EWL_C/src/sun_math/Double_precision/e_asin.c Line: 100
 EWL_C/src/sun_math/Double_precision/e_asin.c Line: 105

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EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 97
 EWL_C/src/sun_math/Double_precision/e_atan2.c Line: 102
 EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 68
 EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 73
 EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 77
 EWL_C/src/sun_math/Double_precision/e_atanh.c Line: 88
 EWL_C/src/sun_math/Double_precision/e_cosh.c Line: 107
 EWL_C/src/sun_math/Double_precision/e_exp.c Line: 135
 EWL_C/src/sun_math/Double_precision/e_exp.c Line: 146
 EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 61
 EWL_C/src/sun_math/Double_precision/e_fmod.c Line: 66
 EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 235
 EWL_C/src/sun_math/Double_precision/e_lgamma_r.c Line: 239
 EWL_C/src/sun_math/Double_precision/e_log.c Line: 108
 EWL_C/src/sun_math/Double_precision/e_log.c Line: 120
 EWL_C/src/sun_math/Double_precision/e_log.c Line: 125
 EWL_C/src/sun_math/Double_precision/e_log.c Line: 130
 EWL_C/src/sun_math/Double_precision/e_log10.c Line: 85
 EWL_C/src/sun_math/Double_precision/e_log10.c Line: 90
 EWL_C/src/sun_math/Double_precision/e_log10.c Line: 102
 EWL_C/src/sun_math/Double_precision/e_log10.c Line: 107
 EWL_C/src/sun_math/Double_precision/e_log10.c Line: 112
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 136
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 141
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 148
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 153
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 172
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 177
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 272
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 277
 EWL_C/src/sun_math/Double_precision/e_pow.c Line: 282
 EWL_C/src/sun_math/Double_precision/e_remainder.c Line: 59

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EWL_C/src/sun_math/Double_precision/e_remainder.c Line: 64
EWL_C/src/sun_math/Double_precision/e_sinh.c Line: 103
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 121
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 131
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 149
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 154
EWL_C/src/sun_math/Double_precision/e_sqrt.c Line: 159
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 111
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 117
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 128
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 134
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 147
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 153
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 168
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 171
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 186
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 189
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 204
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 207
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 218
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 221
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 236
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 242
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 257
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 263
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 278
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 284
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 299
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 305
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 320
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 326
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 341

```

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General Exceptions

EWL_C/src/sun_math/Double_precision/k_standard.c Line: 347
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 362
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 365
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 380
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 386
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 401
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 407
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 421
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 427
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 442
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 448
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 463
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 469
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 484
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 505
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 508
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 519
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 522
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 537
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 543
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 558
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 564
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 578
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 581
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 595
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 601
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 615
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 621
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 632
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 638
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 649
 EWL_C/src/sun_math/Double_precision/k_standard.c Line: 655

```

EWL_C/src/sun_math/Double_precision/k_standard.c Line: 666
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 672
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 682
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 688
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 698
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 701
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 712
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 715
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 726
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 733
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 744
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 751
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 762
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 769
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 780
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 787
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 798
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 805
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 816
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 823
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 838
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 841
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 856
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 862
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 877
EWL_C/src/sun_math/Double_precision/s_erf.c Line: 371
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 168
EWL_C/src/sun_math/Double_precision/s_expm1.c Line: 181
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 45
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 50
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 75
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 80

```



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General Exceptions

EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 91
EWL_C/src/sun_math/Double_precision/s_ilogb.c Line: 96
EWL_C/src/sun_math/Double_precision/s_loglp.c Line: 128
EWL_C/src/sun_math/Double_precision/s_loglp.c Line: 138
EWL_C/src/sun_math/Double_precision/s_loglp.c Line: 143
EWL_C/src/sun_math/Double_precision/s_logb.c Line: 39
EWL_C/src/sun_math/Double_precision/s_logb.c Line: 44
EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 79
EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 84
EWL_C/src/sun_math/Single_precision/e_acosf.c Line: 89
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 62
EWL_C/src/sun_math/Single_precision/e_acoshf.c Line: 67
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 82
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 87
EWL_C/src/sun_math/Single_precision/e_asinf.c Line: 92
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 80
EWL_C/src/sun_math/Single_precision/e_atan2f.c Line: 85
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 68
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 73
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 77
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 88
EWL_C/src/sun_math/Single_precision/e_atanhf.c Line: 93
EWL_C/src/sun_math/Single_precision/e_coshf.c Line: 96
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 88
EWL_C/src/sun_math/Single_precision/e_expf.c Line: 99
EWL_C/src/sun_math/Single_precision/e_fmodf.c Line: 51
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:188
EWL_C/src/sun_math/Single_precision/e_lgammaf_r.c Line:192
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 69
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 74
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 87
EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 92


```

EWL_C/src/sun_math/Single_precision/e_log10f.c Line: 97
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 73
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 86
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 91
EWL_C/src/sun_math/Single_precision/e_logf.c Line: 96
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 107
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 112
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 119
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 124
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 143
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 148
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 233
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 238
EWL_C/src/sun_math/Single_precision/e_powf.c Line: 243
EWL_C/src/sun_math/Single_precision/e_remainderf.c Line:63
EWL_C/src/sun_math/Single_precision/e_remainderf.c Line:68
EWL_C/src/sun_math/Single_precision/e_sinhf.c Line: 96
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 56
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 74
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 79
EWL_C/src/sun_math/Single_precision/e_sqrtf.c Line: 84
EWL_C/src/sun_math/Single_precision/fmodf.c Line: 38
EWL_C/src/sun_math/Single_precision/fmodf.c Line: 43
EWL_C/src/sun_math/Single_precision/log2f.c Line: 75
EWL_C/src/sun_math/Single_precision/log2f.c Line: 82
EWL_C/src/sun_math/Single_precision/log2f.c Line: 87
EWL_C/src/sun_math/Single_precision/s_erfff.c Line: 283
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 91
EWL_C/src/sun_math/Single_precision/s_expm1f.c Line: 104
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 52
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 57
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 81

```



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EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 86
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 97
EWL_C/src/sun_math/Single_precision/s_ilogbf.c Line: 102
EWL_C/src/sun_math/Single_precision/s_ldexpf.c Line: 43
EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 83
EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 94
EWL_C/src/sun_math/Single_precision/s_loglpf.c Line: 99
EWL_C/src/sun_math/Single_precision/s_logbf.c Line: 49
EWL_C/src/sun_math/Single_precision/s_logbf.c Line: 54
EWL_C/src/sun_math/math_sun.c Line: 96
EWL_C/src/sun_math/math_sun.c Line: 123
EWL_C/src/sun_math/math_sun.c Line: 127
EWL_C/src/sun_math/math_sun.c Line: 182
EWL_C/src/sun_math/math_sun.c Line: 186
EWL_C/src/sun_math/math_sun.c Line: 241
EWL_C/src/sun_math/math_sun.c Line: 245
EWL_C/src/sun_math/math_sun.c Line: 303
EWL_C/src/sun_math/math_sun.c Line: 307
EWL_C/src/sun_math/math_sun.c Line: 393
EWL_C/src/sun_math/math_sun.c Line: 397
EWL_C/src/sun_math/math_sun.c Line: 482
EWL_C/src/sun_math/math_sun.c Line: 486
EWL_C/src/sun_math/math_sun.c Line: 569
EWL_C/src/sun_math/math_sun.c Line: 573
EWL_C/src/sun_math/math_sun.c Line: 627
EWL_C/src/sun_math/math_sun.c Line: 631
EWL_C/src/sun_math/math_sun.c Line: 686
EWL_C/src/sun_math/math_sun.c Line: 690
EWL_C/src/wcstold.c Line: 914
EWL_C/src/wcstold.c Line: 939
EWL_C/src/wcstold.c Line: 964
EWL_C/src/wcstoul.c Line: 420

```
EWL_C/src/wcstoul.c Line: 452
EWL_C/src/wcstoul.c Line: 487
EWL_C/src/wcstoul.c Line: 494
EWL_C/src/wcstoul.c Line: 531
EWL_C/src/wcstoul.c Line: 538
```

MISRA_EXCEPTION_RULE_20_8

This topic lists the MISRA rule for raise().

MISRA 2004 Rule 20.8: raise shall not be used

Used when raise() has to be used.

```
EWL_C/src/abort_exit.c Line: 34
EWL_C/src/arm/fenv_arm.c Line: 126
EWL_C/src/arm/fenv_arm.c Line: 137
EWL_C/src/arm/fenv_arm.c Line: 148
EWL_C/src/arm/fenv_arm.c Line: 159
EWL_C/src/arm/fenv_arm.c Line: 170
EWL_C/src/arm/float_exceptions.c Line: 91
```

MISRA_EXCEPTION_RULE_20_9

This topic lists the MISRA rule for <stdio.h>.

MISRA 2004 Rule 20.9: <stdio.h> shall not be used

Used when <stdio.h> has to be included.

```
EWL_C/src/arm/assert_aeabi.c Line: 20
EWL_C/src/assert.c Line: 24
EWL_C/src/math_float.c Line: 34
EWL_C/src/string.c Line: 53
EWL_C/src/strtoul.c Line: 80
EWL_C/src/time.c Line: 40
EWL_C/src/wchar_io.c Line: 43
```

```
EWL_C/src/wcstoul.c Line: 88
EWL_C/src/wctype.c Line: 41
EWL_C/src/wprintf.c Line: 42
EWL_C/src/wprintfformat.c Line: 29
EWL_C/src/wscanf.c Line: 38
EWL_C/src/wstring.c Line: 47
EWL_C/src/wtime.c Line: 28
```

MISRA_EXCEPTION_RULE_9_1

This topic lists the MISRA rule for the possible uninitialized symbol.

MISRA 2004 Rule 9.1: Possible uninitialized symbol

Used when the symbol usage is consistent with its initialization.

```
EWL_C/src/sun_math/Double_precision/e_exp.c Line: 182
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 191
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 204
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 223
EWL_C/src/sun_math/Double_precision/k_rem_pio2.c Line: 322
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line: 96
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:108
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:123
EWL_C/src/sun_math/Single_precision/k_rem_pio2f.c Line:220
```

MISRA_EXCEPTION_STDARG_MACROS

This topic lists the MISRA rule for the macro `__va_start`.

macro((826) , `__va_start`) -emacro(923 926 928 970, `__va_start`)

Used to implement `__va_start`

- * Suspicious pointer-to-pointer conversion
- * MISRA 2004 Rule 11.3: Cast pointer/non-pointer

- * MISRA 2004 Rule 11.4: Cast from pointer to pointer
- * MISRA 2004 Rule 6.3: Use of modifier or type outside of a typedef
 - EWL_C/include/ansi_parms.h Line: 462
 - EWL_C/include/arm/stdarg.ARM.h Line: 16
 - EWL_C/include/coldfire/stdarg.cf.h Line: 20

MISRA_EXCEPTION_STDIO_MACROS

This topic lists the MISRA rule for the `__getc` and `__putc` macros.

macro(929 960 970, `__getc`, `__putc`)

Used to implement `__getc` and `__putc` macros.

- * MISRA 2004 Rule 11.4: Cast from pointer to pointer
- * MISRA 2004 Rule 10.1: Cast/conversion of complex integer expression
- * MISRA 2004 Rule 6.3: Use of modifier or type outside of a typedef
 - EWL_C/include/ansi_parms.h Line: 459
 - EWL_C/include/stdio_api.h Line: 64

MISRA_EXCEPTION_STD_TYPE

This topic lists the MISRA rule for the use of modifier or type outside of a typedef.

MISRA 2004 Rule 6.3: Use of modifier or type outside of a typedef

Used when standard types/qualifiers have to used in headers.

- EWL_C/include/ansi_parms.h Line: 455
- EWL_C/src/wscanf.c Line: 77
- EWL_C/src/wscanf.c Line: 79

MISRA_RESTORE

This topic lists the MISRA rule for the restore saved options.

restore

Used to restore saved options



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General Exceptions

EWL_C/include/ansi_parms.h Line: 463
EWL_C/src/alloc.c Line: 17
EWL_C/src/alloc.c Line: 65
EWL_C/src/alloc.c Line: 2025
EWL_C/src/alloc.c Line: 2505
EWL_C/src/alloc.c Line: 2565
EWL_C/src/bsearch.c Line: 18
EWL_C/src/bsearch.c Line: 26
EWL_C/src/buffer_io.c Line: 124
EWL_C/src/coldfire/fenv_cf.c Line: 36
EWL_C/src/mbstring.c Line: 31
EWL_C/src/mem.c Line: 23
EWL_C/src/mem_funcs.c Line: 78
EWL_C/src/printf.c Line: 37
EWL_C/src/qsort.c Line: 58
EWL_C/src/qsort.c Line: 103
EWL_C/src/scanf.c Line: 25
EWL_C/src/scanformat.c Line: 143
EWL_C/src/secure_error.c Line: 11
EWL_C/src/string.c Line: 46
EWL_C/src/string.c Line: 819
EWL_C/src/strtold.c Line: 254
EWL_C/src/strtoul.c Line: 106
EWL_C/src/sun_math/Double_precision/k_standard.c Line: 32
EWL_C/src/time.c Line: 32
EWL_C/src/wcstold.c Line: 226
EWL_C/src/wcstoul.c Line: 115
EWL_C/src/wmem.c Line: 23
EWL_C/src/wprintf.c Line: 31
EWL_C/src/wscanf.c Line: 28
EWL_C/src/wstring.c Line: 40