

new/usr/src/head/iso/stdlib\_c11.h

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*****
2749 Tue Jan 15 08:15:23 2019
new/usr/src/head/iso/stdlib_c11.h
10224 memset_s() is not visible in global C++ namespace
*****
1 /*
2  * This file and its contents are supplied under the terms of the
3  * Common Development and Distribution License ("CDDL"), version 1.0.
4  * You may only use this file in accordance with the terms of version
5  * 1.0 of the CDDL.
6  *
7  * A full copy of the text of the CDDL should have accompanied this
8  * source. A copy of the CDDL is also available via the Internet at
9  * http://www.illumos.org/license/CDDL.
10 */

12 /*
13  * Copyright 2016 Joyent, Inc.
14 */

16 /*
17  * An application should not include this header directly. Instead it
18  * should be included only through the inclusion of other illumos headers.
19  *
20  * The contents of this header is limited to identifiers specified in
21  * the C11 standard and in conflict with the C++ implementation of the
22  * standard header. The C++ standard may adopt the C11 standard at
23  * which point it is expected that the symbols included here will
24  * become part of the C++ std namespace.
25  */

27 #ifndef _ISO_STDLIB_C11_H
28 #define _ISO_STDLIB_C11_H

30 #include <sys/feature_tests.h>

32 #ifdef __cplusplus
33 extern "C" {
34 #endif

36 #if __cplusplus >= 199711L
37 namespace std {
38 #endif

40 /*
41  * The following have been added as a result of the ISO/IEC 9899:2011
42  * standard. For a strictly conforming C application, visibility is
43  * contingent on the value of __STDC_VERSION__ (see sys/feature_tests.h).
44  * For non-strictly conforming C applications, there are no restrictions
45  * on the C namespace.
46  */

48 /*
49  * Work around fix-includes and other bad actors with using multiple headers.
50  */
51 #if !defined(_NORETURN_KYWD)
52 #if __STDC_VERSION__ - 0 >= 201112L
53 #define _NORETURN_KYWD _Noreturn
54 #else
55 #define _NORETURN_KYWD
56 #endif /* __STDC_VERSION__ - 0 >= 201112L */
57 #endif /* !defined(_NORETURN_KYWD) */

59 #if !defined(_STRICT_SYMBOLS) || defined(_STDC_C11)
60 extern void *aligned_alloc(size_t, size_t);
61 #endif /* !_STRICT_SYMBOLS || _STDC_C11 */
```

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63 #if !defined(_STRICT_SYMBOLS) || defined(_STDC_C11) || __cplusplus >= 201103L
64 extern int at_quick_exit(void (*)(void));
65 extern _NORETURN_KYWD void quick_exit(int);
66 #endif /* !_STRICT_SYMBOLS || _STDC_C11 || __cplusplus >= 201103L */

68 #if __cplusplus >= 199711L
69 }
70 #endif

72 #endif /* !codereview */
73 #if __EXT1_VISIBLE

75 #ifndef _ERRNO_T_DEFINED
76 #define _ERRNO_T_DEFINED
77 typedef int errno_t;
78 #endif

80 /* K.3.6 */
81 typedef void (*constraint_handler_t)(const char *_RESTRICT_KYWD,
82 void *_RESTRICT_KYWD, errno_t);
83 /* K.3.6.1.1 */
84 extern constraint_handler_t set_constraint_handler_s(constraint_handler_t);
85 /* K.3.6.1.2 */
86 extern _NORETURN_KYWD void abort_handler_s(const char *_RESTRICT_KYWD,
87 void *_RESTRICT_KYWD, errno_t);
88 /* K.3.6.1.3 */
89 extern void ignore_handler_s(const char *_RESTRICT_KYWD, void *_RESTRICT_KYWD,
90 errno_t);
91 #endif /* __EXT1_VISIBLE */

69 #if __cplusplus >= 199711L
70 }
71 #endif

93 #ifdef __cplusplus
94 }
_____unchanged_portion_omitted_____
```

new/usr/src/head/iso/string\_iso.h

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*****
5377 Tue Jan 15 08:15:23 2019
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*****
__unchanged_portion_omitted_
137 #endif /* _STRSTR_INLINE */
138 #else /* __cplusplus >= 199711L */
139 extern void *memchr(const void *, int, size_t);
140 extern char *strchr(const char *, int);
141 extern char *strpbrk(const char *, const char *);
142 extern char *strrchr(const char *, int);
143 extern char *strstr(const char *, const char *);
144 #endif /* __cplusplus >= 199711L */

146 #if __cplusplus >= 199711L
147 }
148 #endif /* end of namespace std */

150 #endif /* ! codereview */
151 #if __EXT1_VISIBLE

153 #ifndef _R_SIZE_T_DEFINED
154 #define _R_SIZE_T_DEFINED
155 #if __cplusplus >= 199711L
156 typedef std::size_t rsize_t;
157 #else
158 #endif /* ! codereview */
159 typedef size_t rsize_t;
160 #endif
161 #endif
162 #endif /* ! codereview */

164 #ifndef _ERRNO_T_DEFINED
165 #define _ERRNO_T_DEFINED
166 typedef int errno_t;
167 #endif

169 /* ISO/IEC 9899:2011 K.3.7.4.1.1 */
170 extern errno_t memset_s(void *, rsize_t, int, rsize_t);
171 #endif /* __EXT1_VISIBLE */

147 #if __cplusplus >= 199711L
148 }
149 #endif /* end of namespace std */

173 #ifdef __cplusplus
174 }
__unchanged_portion_omitted_

```