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3: /* All Rights Reserved. */
4:
5: /* THIS IS UNPUBLISHED PROPRIETARY SOURCE CODE OF UNIX SYSTEM */
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7: /* The copyright notice above does not evidence any actual or */
8: /* intended publication of such source code. */
9:
10: #ifndef _FTW_H
11: #define _FTW_H
12: #ident "@(#)sgs-head:common/head/ftw.h 1.3.1.18"
13:
14: #ifdef __cplusplus
15: extern "C" {
16: #endif
17:
18: #include <sys/stat.h>
19:
20: #define FTW_F 0 /* file */
21: #define FTW_D 1 /* directory */
22: #define FTW_DNR 2 /* directory without read permission */
23: #define FTW_NS 3 /* unknown type, stat failed */
24: #define FTW_SL 4 /* symbolic link */
25: #define FTW_DP 6 /* directory */
26: #define FTW_SLN 7 /* symbolic link that points to nonexistent file */
27:
28: #define FTW_PHYS 01 /* use lstat instead of stat */
29: #define FTW_MOUNT 02 /* do not cross a mount point */
30: #define FTW_CHDIR 04 /* chdir to each directory before reading */
31: #define FTW_DEPTH 010 /* call descendents before calling the parent */
32:
33: #define FTW_SKD 1
34: #define FTW_FOLLOW 2
35: #define FTW_PRUNE 4
36:
37: #ifndef _XOPEN_SOURCE
38: struct FTW
39: {
40:     int quit;
41:     int base;
42:     int level;
43: };
44: #endif
45:
46: #define _XFTWVER 2
47:
48: ...
49:
50: #ifdef __STDC__
51: extern int ftw(const char *,
52:               int (*)(const char *, const struct stat *, int), int);
53:
54: #ifndef _XOPEN_SOURCE
55: extern int nftw(const char *,
56:                int (*)(const char *, const struct stat *, int, struct FTW *),
57:                int, int);
58: #endif
59: #else /*!__STDC__*/
60:
61: extern int ftw();
62:
63: #ifndef _XOPEN_SOURCE
64: extern int nftw();
65: #endif
66: #endif /*!__STDC__*/
67:
68: #if defined(_EFTSAFE) && !defined(_STYPES)
69: #undef ftw
70: #define ftw(p, f, d) _xftw(_XFTWVER, p, f, d)
71: #endif
72:
73: #ifdef __cplusplus
74: }
75: #endif

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1: /* Copyright (C) 1992, 1996, 1997, 1998, 1999 Free Software Foundation, Inc.
2: This file is part of the GNU C Library.
3: ...
4:
5: #ifndef _FTW_H
6: #define _FTW_H
7:
8: #define FTW_F 0 /* Regular file. */
9: #define FTW_D 1 /* Directory. */
10: #define FTW_DNR 2 /* Unreadable directory. */
11: #define FTW_NS 3 /* Unstatable file. */
12: #define FTW_SL 4 /* Symbolic link. */
13: #define FTW_DP 6 /* Directory, all subdirs have been visited. */
14: #define FTW_SLN 7 /* Symbolic link naming non-existing file. */
15:
16: #ifdef __USE_BSD || defined __USE_XOPEN_EXTENDED
17: #define FTW_PHYS 01 /* Perform physical walk, ignore symlinks. */
18: #define FTW_MOUNT 02 /* Report only files on same file system as the
19: argument. */
20: #define FTW_CHDIR 04 /* Change to current directory while processing it. */
21: #define FTW_DEPTH 08 /* Report files in directory before directory itself. */
22: #endif
23:
24: #ifdef __USE_XOPEN_EXTENDED
25: /* Structure used for fourth argument to callback function for 'nftw'. */
26: struct FTW
27: {
28:     int base;
29:     int level;
30: };
31: #endif
32:
33: /* Convenient types for callback functions. */
34: ...
35:
36: #ifdef __USE_XOPEN_EXTENDED
37: /* Call a function on every element in a directory tree. FLAG allows
38: to specify the behaviour more detailed. */
39: #ifndef __USE_FILE_OFFSET64
40: extern int nftw (__const char * _dir, __nftw_func_t __func, int __descriptors,
41:                 int __flag) __THROW;
42: #else
43: #ifndef __REDIRECT
44: extern int __REDIRECT (nftw, (__const char * _dir, __nftw_func_t __func,
45:                               int __descriptors, int __flag) __THROW, nftw64);
46: #else
47: #define nftw nftw64
48: #endif
49: #endif
50: #endif
51:
52: extern int nftw64 (__const char * _dir, __nftw64_func_t __func,

```

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105:
106: #endif /*_FTW_H*/
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137:         int __descriptors, int __flag) __THROW;
138: # endif
139: #endif
140:
141: __END_DECLS
142:
143: #endif /* ftw.h */
```