NAME

digittoint, **digittoint_l** - convert a numeric character to its integer value

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

#include <ctype.h>

int
digittoint(*int c*);

int
digittoint_l(*int c*, *locale_t loc*);

DESCRIPTION

The **digittoint**() and **digittoint_l**() functions convert a numeric character to its corresponding integer value. The character can be any decimal digit or hexadecimal digit. With hexadecimal characters, the case of the values does not matter.

The **digittoint_l**() function takes an explicit locale argument, whereas the **digittoint**() function use the current global or per-thread locale.

RETURN VALUES

The **digittoint**() and **digittoint_l**() functions always return an integer from the range of 0 to 15. If the given character was not a digit as defined by isxdigit(3) or isxdigit_l(3), the function will return 0.

SEE ALSO

ctype(3), ctype_l(3), isdigit(3), isdigit_l(3), isxdigit(3), isxdigit_l(3), xlocale(3)