

NAME

digitoint_1, **isalnum_1**, **isalpha_1**, **isblank_1**, **isctrl_1**, **isdigit_1**, **isgraph_1**, **ishexnumber_1**, **isideogram_1**, **islower_1**, **isnumber_1**, **isphonogram_1**, **isprint_1**, **ispunct_1**, **isrune_1**, **isspace_1**, **isspecial_1**, **isupper_1**, **isxdigit_1**, **tolower_1**, **toupper_1** - character classification functions

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

```
#include <ctype.h>
```

int

```
digitoint_1(int c, locale_t loc);
```

int

```
isalnum_1(int c, locale_t loc);
```

int

```
isalpha_1(int c, locale_t loc);
```

int

```
isctrl_1(int c, locale_t loc);
```

int

```
isdigit_1(int c, locale_t loc);
```

int

```
isgraph_1(int c, locale_t loc);
```

int

```
ishexnumber_1(int c, locale_t loc);
```

int

```
isideogram_1(int c, locale_t loc);
```

int

```
islower_1(int c, locale_t loc);
```

int

```
isnumber_1(int c, locale_t loc);
```

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

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

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

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

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

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

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

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

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

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

DESCRIPTION

The above functions perform character tests and conversions on the integer *c* in the locale *loc*. They behave in the same way as the versions without the *_l* suffix, but use the specified locale rather than the global or per-thread locale. *<ctype.h>*, or as true functions in the C library. See the specific manual pages for more information.

SEE ALSO

[digitoint_l\(3\)](#), [isalnum_l\(3\)](#), [isalpha_l\(3\)](#), [isblank_l\(3\)](#), [isctrl_l\(3\)](#), [isdigit_l\(3\)](#), [isgraph_l\(3\)](#), [isideogram_l\(3\)](#), [islower_l\(3\)](#), [isphonogram_l\(3\)](#), [isprint_l\(3\)](#), [ispunct_l\(3\)](#), [isrune_l\(3\)](#), [isspace_l\(3\)](#), [isspecial_l\(3\)](#), [isupper_l\(3\)](#), [isxdigit_l\(3\)](#), [tolower_l\(3\)](#), [toupper_l\(3\)](#), [wctype_l\(3\)](#), [xlocale_l\(3\)](#)

STANDARDS

These functions conform to IEEE Std 1003.1-2008 ("POSIX.1"), except for **digitoint_l()**, **ishexnumber_l()**, **isideogram_l()**, **isnumber_l()**, **isphonogram_l()**, **isrune_l()** and **isspecial_l()** which are FreeBSD extensions.