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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'ctype.h.0p' command

\$ man ctype.h.0p

ctype.h(0P) POSIX Programmer's Manual ctype.h(0P)

PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

NAME

ctype.h ? character types

SYNOPSIS

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

DESCRIPTION

Some of the functionality described on this reference page extends the ISO C standard. Applications shall define the appropriate feature test macro (see the System Interfaces volume of POSIX.1?2017, Section 2.2, The Compilation Environment) to enable the visibility of these symbols in this header.

The <ctype.h> header shall define the locale_t type as described in <locale.h>, representing a locale object.

The following shall be declared as functions and may also be defined as macros. Function prototypes shall be provided for use with ISO C standard compilers.

```
int isalnum(int);
```

```
int isalnum_l(int, locale_t);
```

```
int isalpha(int);
int isalpha_l(int, locale_t);
int isascii(int);
int isblank(int);
int isblank_l(int, locale_t);
int iscntrl(int);
int iscntrl_l(int, locale_t);
int isdigit(int);
int isdigit_l(int, locale_t);
int isgraph(int);
int isgraph_l(int, locale_t);
int islower(int);
int islower_l(int, locale_t);
int isprint(int);
int isprint_l(int, locale_t);
int ispunct(int);
int ispunct_l(int, locale_t);
int isspace(int);
int isspace_l(int, locale_t);
int isupper(int);
int isupper_l(int, locale_t);
int isxdigit(int);
int isxdigit_l(int, locale_t);
int toascii(int);
int tolower(int);
int tolower_l(int, locale_t);
int toupper(int);
int toupper_l(int, locale_t);
```

The <ctype.h> header shall define the following as macros:

```
int _toupper(int);
int _tolower(int);
```

The following sections are informative.

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

<locale.h>

The System Interfaces volume of POSIX.1-2017, Section 2.2, The Compilation Environment, `isalnum()`, `isalpha()`, `isascii()`, `isblank()`, `isctype()`, `isdigit()`, `isgraph()`, `islower()`, `isprint()`, `ispunct()`, `isspace()`, `isupper()`, `isxdigit()`, `mblen()`, `mbstowcs()`, `mbtowc()`, `setlocale()`, `toascii()`, `tolower()`, `_tolower()`, `toupper()`, `_toupper()`, `wctomb()`, `wctomb()`

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