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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'iswcntrl.3p' command

$ man iswcntrl.3p

ISWCNTRL(3P) POSIX Programmer's Manual ISWCNTRL(3P)

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

iswcntrl, iswcntrl_l ? test for a control wide-character code

SYNOPSIS

#include <wctype.h>

int iswcntrl(wint_t wc);

int iswcntrl_l(wint_t wc, locale_t locale);

DESCRIPTION

For iswcntrl(): The functionality described on this reference page is aligned with the ISO C standard. Any conflict between the requirements described here and the ISO C standard is unintentional. This volume of POSIX.1?2017 defers to the ISO C standard.

The iswcntrl() and iswcntrl_l() functions shall test whether wc is a wide-character code representing a character of class cntrl in the cur? rent locale, or in the locale represented by locale, respectively; see the Base Definitions volume of POSIX.1?2017, Chapter 7, Locale.

The wc argument is a wint_t, the value of which the application shall ensure is a wide-character code corresponding to a valid character in

the locale used by the function, or equal to the value of the macro WEOF. If the argument has any other value, the behavior is undefined.

The behavior is undefined if the locale argument to iswcntrl_l() is the special locale object LC_GLOBAL_LOCALE or is not a valid locale object handle.

RETURN VALUE

The iswcntrl() and iswcntrl_l() functions shall return non-zero if wc is a control wide-character code; otherwise, they shall return 0.

ERRORS

No errors are defined.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

To ensure applications portability, especially across natural lan? guages, only these functions and the functions in the reference pages listed in the SEE ALSO section should be used for character classifica? tion.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

iswalnum(), iswalpha(), iswctype(), iswdigit(), iswgraph(), iswlower(), iswprint(), iswpunct(), iswspace(), iswupper(), iswxdigit(), setlo? cale(), uselocale()

The Base Definitions volume of POSIX.1?2017, Chapter 7, Locale, <lo? cale.h>, <wctype.h>

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