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

\$ man wmemchr.3p

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

wmemchr ? find a wide character in memory

SYNOPSIS

```
#include <wchar.h>

wchar_t *wmemchr(const wchar_t *ws, wchar_t wc, size_t n);
```

DESCRIPTION

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 wmemchr() function shall locate the first occurrence of wc in the initial n wide characters of the object pointed to by ws. This function shall not be affected by locale and all wchar_t values shall be treated identically. The null wide character and wchar_t values not corresponding to valid characters shall not be treated specially.

If n is zero, the application shall ensure that ws is a valid pointer and the function behaves as if no valid occurrence of wc is found.

RETURN VALUE

The `wmemchr()` function shall return a pointer to the located wide character, or a null pointer if the wide character does not occur in the object.

ERRORS

No errors are defined.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

`wmemcmp()`, `wmemcpy()`, `wmemmove()`, `wmemset()`

The Base Definitions volume of POSIX.1-2017, `<wchar.h>`

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