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

\$ man wmemcmp.3p

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

wmemcmp ? compare wide characters in memory

SYNOPSIS

```
#include <wchar.h>

int wmemcmp(const wchar_t *ws1, const wchar_t *ws2, 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 wmemcmp() function shall compare the first n wide characters of the object pointed to by ws1 to the first n wide characters of the object pointed to by ws2. 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 ws1 and ws2 are valid

pointers, and the function shall behave as if the two objects compare equal.

RETURN VALUE

The `wmemcmp()` function shall return an integer greater than, equal to, or less than zero, respectively, as the object pointed to by `ws1` is greater than, equal to, or less than the object pointed to by `ws2`.

ERRORS

No errors are defined.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

`wmemchr()`, `wmemcpy()`, `wmemmove()`, `wmemset()`

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

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