



Linux Ubuntu 26.04 Manual Pages on command 'MB_LEN_MAX.3'

\$ man MB_LEN_MAX.3

MB_LEN_MAX(3) Library Functions Manual MB_LEN_MAX(3)

NAME

MB_LEN_MAX - maximum multibyte length of a character across all locales

LIBRARY

Standard C library (libc)

SYNOPSIS

```
#include <limits.h>
```

DESCRIPTION

The MB_LEN_MAX macro is the maximum number of bytes needed to represent a single wide character, in any of the supported locales.

RETURN VALUE

A constant integer greater than zero.

STANDARDS

C11, POSIX.1-2008.

HISTORY

C99, POSIX.1-2001.

NOTES

The entities MB_LEN_MAX and sizeof(wchar_t) are totally unrelated. In glibc, MB_LEN_MAX is typically 16 (6 in glibc versions earlier than 2.2), while sizeof(wchar_t) is 4.

SEE ALSO

MB_CUR_MAX(3)