



## ***Linux Ubuntu 26.04 Manual Pages on command 'wctype.3'***

### ***\$ man wctype.3***

wctype(3)                      Library Functions Manual                      wctype(3)

#### NAME

wctype - wide-character classification

#### LIBRARY

Standard C library (libc, -lc)

#### SYNOPSIS

```
#include <wctype.h>

wctype_t wctype(const char *name);
```

#### DESCRIPTION

The `wctype_t` type represents a property which a wide character may or may not have. In other words, it represents a class of wide characters. This type's nature is implementation-dependent, but the special value (`wctype_t`) 0 denotes an invalid property. Nonzero `wctype_t` values can be passed to the `iswctype(3)` function to actually test whether a given wide character has the property.

The `wctype()` function returns a property, given by its name. The set of valid names depends on the `LC_CTYPE` category of the current locale, but the following names are valid in all locales.

"alnum" - realizes the `isalnum(3)` classification function

"alpha" - realizes the `isalpha(3)` classification function

"blank" - realizes the `isblank(3)` classification function

"cntrl" - realizes the `iscntrl(3)` classification function

"digit" - realizes the `isdigit(3)` classification function

"graph" - realizes the `isgraph(3)` classification function

"xdigit" - realizes the isxdigit(3) classification function