Wide char in C.

[intro]

wchar in C is a class about wide char.

The operations of wide chars are defined in the library <wchar.h>

which it is like the mixed version of <stdio.h> <stdlib.h>

(why I say this, see the first of following page.)

[code]

#include <wchar.h>

int main()

{

wprintf (L"Characters: %lc %lc \n", L'a', 65);

wprintf (L"Decimals: %d %ld\n", 1977, 650000L);

wprintf (L"Preceding with blanks: %10d \n", 1977);

wprintf (L"Preceding with zeros: %010d \n", 1977);

wprintf (L"Some different radixes: %d %x %o %#x %#o \n", 100, 100, 100, 100, 100);

wprintf (L"floats: %4.2f %+.0e %E \n", 3.1416, 3.1416, 3.1416);

wprintf (L"Width trick: %\*d \n", 5, 10);

wprintf (L"%ls \n", L"A wide string");

return 0;

}

[result]

Characters: a A

Decimals: 1977 650000

Preceding with blanks: 1977

Preceding with zeros: 0000001977

Some different radixes: 100 64 144 0x64 0144

floats: 3.14 +3e+00 3.141600E+00

Width trick: 10

A wide string

[namespace]

NONE

[library]

<wchar.h>

[ref]

Link to main page

<https://cplusplus.com/reference/cwchar/>

Link to my code

<https://cplusplus.com/reference/cwchar/wprintf/>