Local configuration in C.

[intro]

There is a local configuration in C which defined in the library <locale.h> or newer version <clocale>

[namespace]

NONE

[library]

<locale.h>: older version

<clocale> : newer version

[code]

#include <stdio.h>

#include <time.h>

#include <locale.h>

int main ()

{

time\_t rawtime;

struct tm \* timeinfo;

char buffer [80];

struct lconv \* lc;

time ( &rawtime );

timeinfo = localtime ( &rawtime );

int twice=0;

do

{

printf ("Locale is: %s\n", setlocale(LC\_ALL,NULL) );

strftime (buffer,80,"%c",timeinfo);

printf ("Date is: %s\n",buffer);

lc = localeconv ();

printf ("Currency symbol is: %s\n-\n",lc->currency\_symbol);

setlocale (LC\_ALL,"");

} while (!twice++);

return 0;

}

[result]

Locale is: C

Date is: Mon Dec 19 05:36:41 2022

Currency symbol is:

-

Locale is: en\_US.UTF-8

Date is: Mon Dec 19 05:36:41 2022

Currency symbol is:

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[ref]

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