

Tipuri de date C++ utilizate de platforma CodeBlocks

Tip	Dimensiune	Domeniu de valori
char	1byte	-128 - 127
unsigned char	1byte	0 - 255
signed char	1byte	-127 - 127
short int signed short int short	2bytes	-32768 - 32767
unsigned short int	2 bytes	0 - 65,535
signed int int	4bytes	-2147483648 - 2147483647
unsigned int	4 bytes	0 - 4294967295
long int long signed long int	4bytes	-2,147,483,648 - 2,147,483,647
bool	1byte	0,1(false, true)
unsigned long int	4bytes	0 - 4,294,967,295

long long	8Bytes	-9223372036854775808 - 9223372036854775807
float	4bytes	+/- 3.4e +/- 38 (~7 digits)
double	8bytes	+/- 1.7e +/- 308 (~15 digits)
long double	12bytes	+/-1.0E+/-4932 (19 digits)

<climits>

<limits.h>

UCHAR_MAX	255
CHAR_MIN	-128
CHAR_MAX	127
SHRT_MIN	-32768
SHRT_MAX	32767 ( $2^{15}-1$ )
USHRT_MAX	65535 ( $2^{16}-1$ )
INT_MIN	-2147483648
INT_MAX	2147483647
UINT_MAX	4294967295
LONG_MIN	-2147483647 ( $-2^{31}+1$ )
LONG_MAX	2147483647 ( $2^{31}-1$ )
ULONG_MAX	4294967295 ( $2^{32}-1$ )
LLONG_MIN	-9223372036854775807
LLONG_MAX	9223372036854775807 ( $2^{63}-1$ )
ULLONG_MAX	18446744073709551615 ( $2^{64}-1$ )

<http://cppforschool.com/tutorial-pdf.html>

<http://www.lmpt.univ-tours.fr/~volkov/C++.pdf>