

Main function

```
int main(string []args){
    // return isn't necessary
}
```

Default type properties

.init	Default type initializer
.sizeof	size in bytes
.alignof	alignment size
.mangleof	string representing of "mangled" representation of type
.stringof	string representing of source representation of type

Symbolic data types

Type	Size	Description
char	1 byte	UTF-8 char
wchar	2 bytes	UTF-16 char
dchar	4 byte	UTF-32 char

Integer data types

Type	Size	Description
bool	1 byte	True or False
byte	1byte	-128 to 127
ubyte	1byte	0 to 255
short	2 bytes	-32,768 to 32,767
ushort	2 bytes	0 to 65,535
int	4 bytes	-2,147,483,648 to 2,147,483,647
uint	4 bytes	0 to 4,294,967,295
long	8 bytes	-9223372036854775808 to 9223372036854775807
ulong	8 bytes	0 to 18446744073709551615

Integral type properties

.min	Minimum value of type
.max	Maximum value of type

Float data types

Type	Size	Description
float	4 bytes	1.17549e-38 to 3.40282e+38
ifloat	4 bytes	1.17549e-38i to 3.40282e+38i
double	8 bytes	2.22507e-308 to 1.79769e+308
idouble	8 bytes	2.22507e-308i to 1.79769e+308i
real	10 bytes	3.3621e-4932 to 1.18973e+4932
ireal	10 bytes	3.3621e-4932i to 1.18973e+4932i
cfloat	8 bytes	1.17549e-38+1.17549e-38i to 3.40282e+38+3.40282e+38i
cdouble	16 bytes	2.22507e-308+2.22507e-308i to 1.79769e+308+1.79769e+308i
creal	20 bytes	3.3621e-4932+3.3621e-4932i to 1.18973e+4932+1.18973e+4932i

Float type properties

.nan	Not A Number value
.infinity	Infinity value
.dig	Number of decimal digits in precision
.min	Minimum value of type
.max	Maximum value of type
.re	Real part of type
.im	Imagine part of type
.epsilon	smallest increment to value 1

