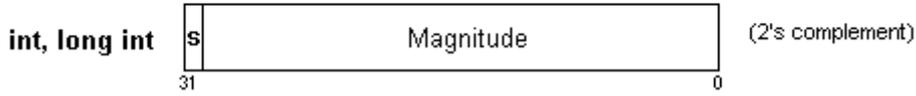
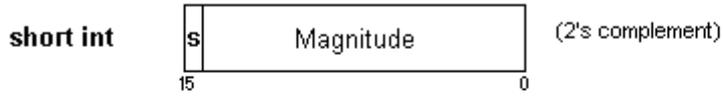


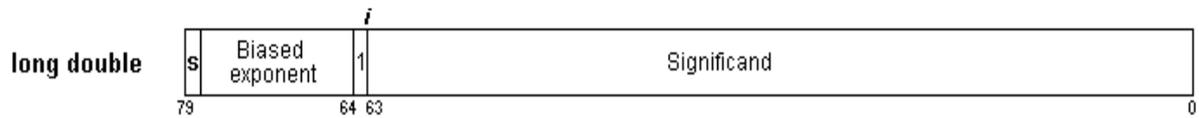
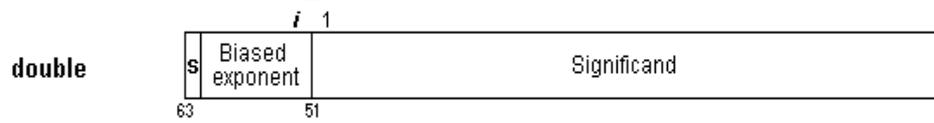
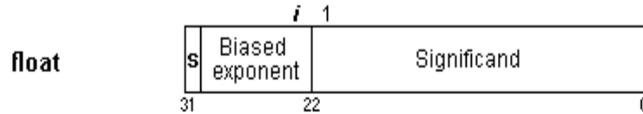
Internal representation of numerical types

[See also](#)

32-bit integers



Floating-point types, always



s = Sign bit (0 = positive, 1 = negative)

i = Position of implicit binary point

1 = Integer bit of significance:

Stored in **long double**
Implicit in **float, double**

Exponent bias (normalized values):

float: 127 (7FH)

double: 1,023 (3FFH)

long double: 16,383 (3FFFH)