
Subject: Re: size (in bytes) of integer, float, double, etc.
Posted by [David Foster](#) on Tue, 16 Jul 1996 07:00:00 GMT
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Dean Schulze <schulze@lpl.arizona.edu> wrote:

>
> Does IDL have something like the SIZEOF() macro in C that
> will return the size of a built in data type in bytes i.e.
>
> fltsize = sizeof(float)

The "built in" data types in IDL have fixed data sizes
(User's Guide 3.1):

byte: 8-bit
integer: 16-bit
long: 32-bit
float: 32-bit
double: 64-bit
complex: 64-bit (2 floats)
double complex: 128-bit (2 doubles)

You can use the SIZE() routine to determine the data-type.

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