
Subject: Re: Modulo in IDL

Posted by [steinhh](#) on Mon, 23 Feb 1998 08:00:00 GMT

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> Modulo should work for all datatypes!

It does. The problem is that it's impossible to represent the value of 0.1 exactly in the binary system (other than BCD, that is!).

Try $1.0 \bmod .25$, or $1.0 \bmod 1.5258789062500e-5$ for that matter (the latter is 2^{-16}).

This is definitely **not** a bug, it's a generic feature of the binary representation of numbers. Some of your examples will give different results when you use doubles instead of floats, BTW.

Stein Vidar
