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Subject: Re: IDL is not accurate enough!

Posted by [Kenneth P. Bowman](#) on Thu, 04 Sep 2008 20:33:21 GMT

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In article

<e32f4688-b58e-4f27-b2f9-17faea24285a@i24g2000prf.googlegroups.com>, rtk <oneelkruns@hotmail.com> wrote:

- > On Aug 28, 2:50 pm, "Kenneth P. Bowman" <k-bow...@null.edu> wrote:
- >> Mathematica can do arbitrary-precision arithmetic ... with hundreds of digits,
- >> if necessary. Don't expect it to be fast, though, as it is all done
- >> in software, not with the hardware floating-point unit with which we
- >> normally do single- and double-precision arithmetic.
- >
- > Check on the IDL code contrib site sometime next week. I just
- > uploaded DLMS that add arbitrary precision floating point as well as
- > integer and rational types to IDL. These are wrappers on the MPFR and
- > GMP libraries, respectively. Caveat emptor, but I'll answer emails.
- > You will need to recompile if using something later than IDL 6.3.
- > Examples included.
- >
- > Ron Kneusel
- > rkneusel@ittvis.com

So, when you say DLMS, does that mean Windows only? It means nothing to me as a Linux and Mac user.

Ken Bowman

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