
Subject: Re: IDL is not accurate enough!
Posted by [rtk](#) on Thu, 04 Sep 2008 18:46:16 GMT
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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.

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