Subject: Re: arbitrary precision in IDL?
Posted by fututre.keyboard on Wed, 28 Jul 2010 20:45:03 GMT
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Thanks for the link. It is very helpful. I was able to rebuild the dlm
on windows 7 with vc 6. And it's working! The only catch is that I
have to use 32bit IDL. I guess I can live with it for now. Thanks Ron
for contributing such wonderful code and I hope there will be a more
up-to-date version that supports 64bit platforms.

cheers,
fkey

IDL32> print, mp_convert(mp_const_pi(),/full_precision)
 3.14159265358979323846264338327950288419716939937510582097494459230781640628620899862803482534211706807E0
IDL32> print, mp_convert(mp_new(mp_convert(mp_const_pi(),type=5,/full_precision),precision=p),/full_precision)
 3.14159265358979311599796346854418516159057617187500000000000000000000000000000000000000000000000000E0

On Jul 27, 10:05 am, wlandsman <wlands...@gmail.com> wrote:

> On Jul 27, 12:10 pm, "fututre.keyboard" <future.keybo...@gmail.com>
> wrote:
>
>> hi, all
>
>> I am wondering if there is a way to do arbitrary precision calculation
>> with IDL.
>
> I haven't tried them but type in "arbitary precision" into the ITTVIS
> code contribution library
> (http://www.ittvis.com/UserCommunity/CodeLibrary.aspx) to find two
> DLMs written by Ron Kneusel, one for integer arithmetic and one for
> floating point. (I still haven't figure out how to direct link to
> a particular code contribution...) --Wayne