Subject: Re: exp function bug
Posted by davidf on Thu, 05 Dec 1996 08:00:00 GMT
View Forum Message <> Reply to Message

Andy Loughe <afl@cdc.noaa.gov> wrote:

> Robert Cannon wrote:
>>
>> Can anyone tell me what is going on here, or if it happens on other
>> platforms?
>>
>> The first time I call exp (-710.72026d0) after starting idl I get:
>>
>>   hera:~> idl
>>   IDL. Version 4.0.1 (IRIX mipseb).
>>
>>   IDL> print, exp (-710.72026d0)
>>   2.8462073e+134
>>   IDL> print, exp (-710.72026d0)
>>   2.1782760e-309
>>
>> This is on an sgi crimson. I get the impression the same may happen on
>> an alpha, but for a different value - it has to be -710.72026d0 on the
>> sgi: -710.72025d0 works fine.....
>
>
> For interest's sake...
> This does not happen on a SUN SparcStation running Solaris 2.5

Doesn't happen on a Mac either.

David

David Fanning, Ph.D.
Fanning Software Consulting
2642 Bradbury Court, Fort Collins, CO 80521
Phone: 970-221-0438   Fax: 970-221-4762
E-Mail: davidf@dfanning.com
Coyote's Guide to IDL Programming: http://www.dfanning.com