Subject: Re: Incorrect behavior of /NAN
Posted by K. Bowman on Mon, 15 Apr 2002 13:47:45 GMT

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In article <yx6hvgatn3vp.fsf@socrates.Berkeley.EDU>,
 noymer@socrates.Berkeley.EDU wrote:

> NaN is an IEEE standard, is it not?
>
> Does the IEEE define what to do in such cases?
>
> It seems to me that IDL should conform to such a standard, if it exists,
> even if it goes against our intuition.

As far as I know, IDL correctly does arithmetic involving NaNs
(i.e., it returns NaNs, etc.).

But IDL also uses NaNs as "missing values", which is not an IEEE issue,
and the behavior here is not clearly defined in some cases.

Ken