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Subject: Re: Filtering out NaNs

Posted by [davidf](#) on Wed, 19 Mar 1997 08:00:00 GMT

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Folks,

> |> There are some NaNs in my data which keep making my code fall over. I'd  
> |> like to either filter them out or avoid them in the calculation, but doing  
> |> something like  
> |>  
> |> a(where(a eq !values.f\_nan) = missing\_flag  
> |>  
> |> doesn't work. Does anyone have any suggestions?

>  
> NaNs are characterized by the fact that they are \*not\* equal  
> to any number (that's what it says, isn't it :-)  
> In fact, it's not even equal to itself - and this is the distinguishing  
> feature that must be used to pick them out. I.e.,  
>  
>> a(where(a ne a)) = missing\_flag

I have to admit that I had convinced myself that this was a bug  
in the implementation of NAN. I thank Stein Vidar for enlightening  
me. It's always a good feeling when I am reminded that the universe  
is far stranger than I imagine it to be most of the time! :-)

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com>  
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