
Subject: Re: NaN problem in integer arrays

Posted by [David Fanning](#) on Thu, 17 Oct 2013 15:50:56 GMT

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Galaxytraveler writes:

> I use NaN's a lot in my arrays in place of missing or bad data points,
> but I have problems with it everytime my arrays are integer.

Yes, there are only two types of NaNs in IDL. !Values.F_NaN is the floating point NaN (that is what the F means) and !Values.D_NaN is a double precision floating point NaN (that is what the D means). There is no integer or long or byte value that can be used as a NaN.

Bottom line, if you are going to use NaNs, you will need to use them in floating point or double precision arrays. No way around it. :-)

> I can see that other people have had troubles with this and explained it as a windows compiler errors, but I have a mac computer.
> http://www.idlcoyote.com/math_tips/nans.html

That's funny! :-)

Cheers,

David

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

Sepore ma de ni thue. ("Perhaps thou speakest truth.")
