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Subject: Re: where() and IEEE NaN  
Posted by [korpela](#) on Fri, 05 Nov 1999 08:00:00 GMT  
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In article <7vv1j3\$6ro\$1@ra.nrl.navy.mil>,  
Todd Bowers <tbowers@nrlssc.navy.mil> wrote:  
> IDL> a = [1,2,!Values.F\_NaN,4,!Values.F\_NaN]  
> IDL> print, a  
>    1.00000    2.00000       NaN    4.00000       NaN  
> IDL> print, where(a EQ !Values.F\_NaN)  
>       0       1       2       3       4  
>  
> Hmmmmmm.... is this a known feature? The where() help says  
> nothin' about NaN's.  
> IDL v5.2a

Unfortunately, on some platforms IDL is not IEEE compliant which greatly  
limits IDL's usefulness as a cross platform system. RSI could easily fix  
this on most platforms with a compiler option, but they choose not to.  
The only correct response for any array to "print,where(a eq !values.F\_NaN)"  
is "-1".

Eric

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Eric Korpela                    | An object at rest can never be  
korpela@ssl.berkeley.edu       | stopped.  
<a href="http://sag-www.ssl.berkeley.edu/~korpela">Click for home page.</a>

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