
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.
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