
Subject: Re: where() and IEEE NaN

Posted by [thompson](#) on Fri, 05 Nov 1999 08:00:00 GMT

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badastro@smart.net (Philip Plait) writes:

```
> 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
```

```
> Incidentally, if you are looking for the element numbers
> of where a = NaN, try:
```

```
> IDL> print,where(a-a ne 0)
>      2      4
```

Isn't it simpler (and faster) to say

```
IDL> print,where(a ne a)
```

William Thompson
