
Subject: Re: NaN problems

Posted by [yp](#) on Mon, 25 Apr 2005 23:49:44 GMT

[View Forum Message](#) <> [Reply to Message](#)

David Lopez Pons wrote:

```
> Hi everybody.  
> I have a problem detecting NaN values. When I write:  
>  
> err=findgen(10)-5  
> res=err^2.5  
> print,res  
>  
>   NaN      NaN      NaN      NaN      NaN  
> 0.00000  1.00000  5.65685  15.5885  32.0000  
>  
> Until here everything is OK, but now i want to look for Nan values in  
my  
> result so I write:  
>  
> print,where(res EQ !values.f_nan)  
>      -1  
>  
> I can see the NaN values in res. Why they are not equal to  
!values.f_nan?
```

Use

```
print,where(FINITE(res) EQ 0)
```

instead. FINITE returns 1 or 0 if the argument is True (Finite) or
False (NaN or Inf) respectively.

Alternatively you can use:

```
print,where(FINITE(res,/NAN) EQ 1)
```

yas
