Subject: Re: Turning off math error checking for a code block
Posted by Paul van Delst on Thu, 17 Jan 2002 20:54:31 GMT
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Vapuser wrote:
>
> k-bowman@null.com (Kenneth Bowman) writes:
>
>> I have an array x that is likely to have missing values in it, indicated by NaN's. I would like to
search the array for values less than x_min. Because of the NaN's, WHERE generates a floating
point error, e.g.,
>>
>> IDL> print, x
>>   0.00000   NaN   2.00000   3.00000
>> IDL> print, where(x lt 2.0)
>>   0
>> % Program caused arithmetic error: Floating illegal operand
>>
>
>   Hmmmm..... I don't get this result.

Sure you do - you just have a 0 instead of a 3 as the 4th element of y:

> IDL> y=[0,!values.f_nan,2,0.]

The where result of the original is one index - the 0th one:

IDL> x=[0,!values.f_nan,2,3.]
IDL> print,where(x LT 2,nx),nx
        0
        1
% Program caused arithmetic error: Floating illegal operand

paulv

p.s. After trying the simple example above, it sure is annoying to get that error message. :o\

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