Subject: Re: N_ELEMENTS and WHERE: Scalar or Array ?
Posted by R.Bauer on Fri, 29 Jan 1999 08:00:00 GMT

rmlongfield@my-dejanews.com wrote:

> Hi All,   I keep making the same mistake with N_ELEMENTS so I decided
> to write and ask if anyone has found a solution. I use WHERE to find some
> zeroes in a data set which I want to exclude in further processing. Problem
> is that sometimes they are all zeroes. Using a simple :
>
> non_zero_xvalues = WHERE (subarray1 GT 0)

You should use
non_zero_xvalues = WHERE (subarray1 GT 0,count_non_zero_xvalues)
if count_non_zero_xvalues ne 0 then begin
endif

>
> IF(non_zero_array EQ -1) ...

IF non_zero_array[0] EQ -1 ..

>
>
> gets me into trouble because, when it is an array, I get an error. If I use
> N_ELEMENTS(non_zero_array) there is always at least one element, whether it
> is -1 or something else. I don't like ignoring the 'something else' value
> just because it is the only one. Is the answer another IF statement or some
> sort of error control?
>

Regards
R.Bauer