Subject: Re: N_ELEMENTS and WHERE: Scalar or Array ?
Posted by Annette Schloss on Wed, 03 Feb 1999 08:00:00 GMT
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Hi Rose,
  you can do this:
   non_zero_xvalues = WHERE (subarray1  GT 0, count)
   if (count ne 0) then do something

Count will be zero if nothing satisfies the WHERE, otherwise it will be a
positive number.

Does this help?
-Annette

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)
> IF(non_zero_array 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?
>
> Thanks !
> Rose
>
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