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Subject: Re: "Expression Must be a Scalar in this context:" error in nlinlsq function  
Posted by [David Fanning](#) on Tue, 28 Aug 2012 16:37:05 GMT

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elambrid writes:

> Yes I agree, so I guess what I'm confused about is nlinlsq works like a for loop where the iterations are determined by the amounts of "functions", better word would be the size of you data set. So I have all these variables that look like this e.g a=[b(0)...b(n)] How would I check if one of those values are zero, and perform a statement on them? And thank you for your speedy reply!

If you want to check an individual element, you  
have to check an individual element!

```
variable = [0, 1, 1, 0, 4]
FOR j=0,N_Elements(variable)-1 DO BEGIN
  IF variable[j] EQ 0 THEN Print, 'variable ' + StrTrim(j,2) + $
    ' is equal to zero' ELSE Print, 'Good value'
ENDFOR
```

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>  
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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