
Subject: Re: Confusing Error Message
Posted by [penteado](#) on Thu, 27 May 2010 21:54:58 GMT
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Just from that description, I would say that you were doing something like

```
vector[3:5]=indgen(4)
```

That is, using a subscript range on the left side, and trying to assign to it something that does not have the same length.

But given who is asking, I suspect it is not something that trivial.

Subject: Re: Confusing Error Message
Posted by [Gray](#) on Thu, 27 May 2010 21:55:26 GMT
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On May 27, 5:31 pm, David Fanning <n...@dfanning.com> wrote:
> Folks,
>
> Does anyone have any ideas what an error message like this might
> be hinting at?
>
> % Array subscript for VECTOR must have same size
> as source expression.
>
> Thanks,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
> Sepore ma de ni thue. ("Perhaps thos speakest truth.")

Hey David,

It wasn't actually a pass by reference/value problem - it turns out I was (inadvertently) trying to pass the MIN keyword as an array.

Subject: Re: Confusing Error Message
Posted by [David Fanning](#) on Thu, 27 May 2010 21:59:02 GMT
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David Fanning writes:

```
> Does anyone have any ideas what an error message like this might
> be hinting at?
>
> % Array subscript for TRIMVECTOR must have same size
> as source expression.
```

I guess it might help to see the code that causes the error.
It is the next to last line in this code, wher the arrows point:

```
index = Where(Finite(vector) EQ 1, count)
IF count NE 0 THEN BEGIN
    trimVector = Float(vector)
>>> trimVector[index] = vectorMin > vector[index] < vectorMax
ENDIF
```

VectorMin and VectorMax are scalars, the result of a MIN
and MAX function call in another part of the program.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
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Subject: Re: Confusing Error Message
Posted by [David Fanning](#) on Thu, 27 May 2010 22:03:34 GMT
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Gray writes:

```
> It wasn't actually a pass by reference/value problem - it turns out I
> was (inadvertently) trying to pass the MIN keyword as an array.
```

Ah, OK. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thue. ("Perhaps thos speakest truth.")
