Subject: Re: Array subscript for ARRAY must have same size as source expression Posted by wlandsman on Fri, 27 Mar 2015 12:59:29 GMT

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You don't say at which line the error is occurring, or at which line you are displaying the data sizes. Certainly one suspicious place is

```
> A1[i,*,*] = A1_tmp
where A1_tmp FLOAT = Array[120, 4, 4]
```

So you are trying to assign all 3 dimensions of A1_tmp into the last two dimensions of A1. Maybe you wanted subscripts for A1_tmp? --Wayne

```
On Friday, March 27, 2015 at 7:36:41 AM UTC-4, g.na...@gmail.com wrote:
> Hello
>
> I have the following code:
 ArrayNEW = ArrayDATA
> FOR i=0, n-1 do begin
   A1[i,*,*] = A1_{tmp}
   A2[i,*,*] = A2_{tmp}
> ArrayNEW[i,*,*] = calculate(A1_tmp,A2_tmp,ArrayDATA[i,*,*])
> endfor
> The dimensions of the arrays are as follow:
> A1 tmp FLOAT
                     = Array[120, 4, 4]
> A2 tmp FLOAT
                     = Array[120, 4, 4]
> ArrayDATA FLOAT
                       = Array[120, 216, 216]
> ArrayNEW FLOAT
                       = Array[120, 216, 216]
> calculate - it's a function which takes those arguments and interpolate the A1_tmp,A2_tmp to
have the same dimensions as ArrayDATA.
```

> As I send these arguments to the function why they should have the same dimensions?