
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?
```
