
Subject: Array subscript for ARRAY must have same size as source expression

Posted by [g.nacarts](#) on Fri, 27 Mar 2015 11:36:36 GMT

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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?
