
Subject: Make_array() and using arrays as subscripts
Posted by [Liberum](#) on Mon, 09 Jan 2006 20:19:15 GMT
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Hi everyone,

I have a problem with the function MAKE_ARRAY() that I hope someone can help me with.

I created a string array with the dimension (3, 344) and performed some basic assignment operations.

Now I know that when I am finished with the operations I will perform on the array, the length 344 will be too long. Let's say that only the first 120 elements will be needed. Now I assigned that entire array the string '9999' and then when I am ready to reduce the size of the array I used the WHERE() function to find the indices where each element is not equal to '9999'. All went well until I form this array-as-subscript operation:

```
my_array = my_array[good_indices]
```

The dimensions all disappear and all I get is an array with the elements equalling the number of elements of good_indices, i.e.,

```
print, size(my_array,/dimensions)
```

```
IDL> 120
```

Now I have used this type of array-as-subscript before on other types of array and I have never had this problem before. Does anyone know why this happens or how can I cut my_array without losing my 3 dimensions?

Sincerely,
Sheldon
