
Subject: Want to get Array(48) instead of Array(1,48)
Posted by [chi-kuei](#) on Tue, 26 Mar 2002 02:24:25 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi,

It occurs to me that when I do the following:

```
IDL> test_array = fltarr(48)
test_array is Array[48]
```

but when I assign the value from a 2-D array

```
IDL> test_array = data_array(0, 0:47)
test_array becomes Array[1,48]
```

I notice they are different because when I use curvefit, the Array[1,48] will give me error message, the Array[48] will not.

I can make the Array[1,48] become Array[48] without changing the value by doing this:

```
IDL> test_array = test_array(*)
```

This means extra steps. Am I doing this in the longer way? Is there any shortcut of doing this.

Thanks,
Chi-Kuei

Subject: Re: Want to get Array(48) instead of Array(1,48)
Posted by [Paul van Delst](#) on Tue, 26 Mar 2002 13:59:09 GMT
[View Forum Message](#) <> [Reply to Message](#)

chi-kuei wrote:

>

> Hi,

>

> It occurs to me that when I do the following:

>

> IDL> test_array = fltarr(48)

> test_array is Array[48]

>

> but when I assign the value from a 2-D array

> IDL> test_array = data_array(0, 0:47)

> test_array becomes Array[1,48]

>

> I notice they are different because when I use curvefit, the Array[1,48]

> will give me error message, the Array[48] will not.

```
>  
> I can make the Array[1,48] become Array[48] without changing the value by  
> doing this:  
> IDL> test_array = test_array(*)
```

or better still:

```
IDL> test_array = REFORM( data_array(0, 0:47) )
```

With no other arguments, REFORM "strips out" all the degenerate dimensions.

paulv

--

Paul van Delst Religious and cultural
CIMSS @ NOAA/NCEP purity is a fundamentalist
Ph: (301)763-8000 x7274 fantasy
Fax:(301)763-8545 V.S.Naipaul
