Subject: Re: Want to get Array(48) instead of Array(1,48)
Posted by Mark Hadfield on Tue, 26 Mar 2002 02:42:44 GMT
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"chi-kuei" <twcollie@hotmail.com> wrote in message
news:a7om25$8jn$1@news01.cit.cornell.edu...

> ...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.

No, there is no real shortcut. It is common when using IDL to find
that you have the data you want but the array is not shaped exactly
how you need it. The most versatile and efficient solution is to use
the REFORM function. If it is called with a single argument (the array
to be reshaped) then it will strip out all unit dimensions. Since the
number of elements in the array is not being changed you can use the
OVERWRITE keyword for greater efficiency, thus:

  IDL> test_array = reform(test_array, /OVERWRITE)

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