

---

Subject: Re: Want to get Array(48) instead of Array(1,48)

Posted by [chi-kuei](#) on Tue, 02 Apr 2002 16:24:18 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Thansk,

This one works well for me.

Chi-Kuei

"Mark Hadfield" <m.hadfield@niwa.co.nz> wrote in message  
news:a7on9c\$nj3\$1@newsreader.mailgate.org...

> "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)

>

> --

>

> Mark Hadfield

> m.hadfield@niwa.co.nz                      Ka puwaha et tai nei

> http://katipo.niwa.co.nz/~hadfield      Hoesa tatou

> National Institute for Water and Atmospheric Research (NIWA)

>

>

>