
Subject: Re: REFORM: new subscripts must not change the number elements in array

Posted by [Moritz Fischer](#) on Mon, 02 Mar 2015 15:26:19 GMT

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Am 02.03.2015 um 16:19 schrieb g.nacarts@gmail.com:

> I have a 2D array of A=[200,200]

>

> I am running REFORM but get the following error

> "REFORM: New subscripts must not change the number elements in A"

>

> This is what I am doing

> A = reform(A, 100L, 200L*200L, /overwrite)

>

> Why isn't it working?

>

You are trying to reform an 40,000 element array to an array with
 $100*200*200 = 4,000,000$ elements.

You could for example do

A = reform(A, 100L, 400L, /overwrite)

as $200*200 = 100*400$

REFORM just changes the way IDL looks at an array.

To interpolate/blow up your array look at rebin!
