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Subject: Re: Duplicating an array help

Posted by [Russell\[1\]](#) on Mon, 27 Apr 2015 17:04:10 GMT

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On Monday, April 27, 2015 at 11:10:54 AM UTC-4, Jeremy Bailin wrote:

> On Monday, April 27, 2015 at 8:41:15 AM UTC-5, rryan@s...@gtempaccount.com wrote:

>> On Friday, April 24, 2015 at 7:02:42 PM UTC-4, Joe Llama wrote:

>>> I'm not entirely sure how best to phrase what I am trying to do but essentially I am trying to find a function that does something like this (but without the loop):

>>>

>>> x = findgen(5)

>>> y = x

>>> for i = 0, 100 do y = [y, x]

>>>

>>> So I then have an array [0,1,2,3,4,0,1,2,3,4...] 100 times. Is there a way of doing this without the loop?

>>>

>>> Thanks!

>>

>> I fully endorse the other answers as better than this. But given what yo wrote, you might also consider the "mod" operator:

>>

>> x= findgen(500) mod 5

>>

>> -Russell

>

> You probably really want indgen or lindgen -- taking the modulus of a float isn't a good idea and can cause unwanted results!

>

> -Jeremy.

No, you're right. I was being a bit cavalier and working without actually testing anything.

But one should probably use rebin() for this purpose. I just thought mod was worth mentioning because the problem may need to be generalized to another environment where rebin() isn't an option.

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