

---

Subject: Re: \*replicate\* but with arrays

Posted by [Mark Hadfield](#) on Mon, 10 Sep 2001 22:15:59 GMT

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

---

Check out JD Smith's Dimension Juggling Tutorial & Array Concatenation Tutorial, posted to this group in April or May this year. The following Google links \*might\* take you there

[http://groups.google.com/groups?as\\_umsgid=3AC7B345.1648F0A9%40astro.cornell.edu](http://groups.google.com/groups?as_umsgid=3AC7B345.1648F0A9%40astro.cornell.edu)

<http://groups.google.com/groups?q=Array+Concatenation+Tutorial&hl=en&group=comp.lang.idl-pvwave&safe=off&rnum=1&selm=3AEF1FA7.4ECBFB6%40astro.cornell.edu>

But to cut a long story short, my preferred way to do what you want is

```
b = [6,5,4]
a = rebin(b,n_elements(b),50)
```

Here rebin is trying to expand the second dimension of b to 50. Since b doesn't have a second dimension it creates one with size 1, then fills it by replication.

---

Mark Hadfield  
m.hadfield@niwa.cri.nz <http://katipo.niwa.cri.nz/~hadfield>  
National Institute for Water and Atmospheric Research

--

Posted from clam.niwa.cri.nz [202.36.29.1]  
via Mailgate.ORG Server - <http://www.Mailgate.ORG>

---