
Subject: Re: adding "placeholders" to an array
Posted by [Paul Van Delst\[1\]](#) on Tue, 06 Jun 2006 21:53:38 GMT
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pimpk24@hotmail.com wrote:

> Hello,
>
> I was wondering if there is a way to change the dimesions of an
> existing array and to hardwire the new values. It seems that the rebin
> and reform functions only add values by interpolation and nearest
> sampling. I want to predetermining what the new value will be
>
> e.g. Given a random vector, how can I add dimensions of all zero values
>
> 1 4 6 7 8 354 42345
> 0 0 0 0 0 0 0
> 0 0 0 0 0 0 0
>
>
> thanks in advance
>

Brute force methods:

```
IDL> x=[1, 4, 6, 7, 8, 354, 42345]
IDL> n=n_elements(x)
IDL> print, [[x],[make_array(n,2,value=0)]]
      1      4      6      7      8      354      42345
      0      0      0      0      0      0      0
      0      0      0      0      0      0      0
```

Or, you could use LONARR instead:

```
IDL> print, [[x],[lonarr(n,2)]]
      1      4      6      7      8      354      42345
      0      0      0      0      0      0      0
      0      0      0      0      0      0      0
```

but the use of MAKE_ARRAY means you can change the "placeholder" value to something other than zero if you wanted.

paulv

p.s. I'm sure there's a more elegant method than those above. :o)

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Paul van Delst Ride lots.

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