
Subject: Re: How can I append a leading or trailing column to an existing array?

Posted by [Benjamin Hornberger](#) on Thu, 16 Nov 2006 21:52:46 GMT

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

willettk@gmail.com wrote:

```
> G'day,  
>  
> I'm looking for a quick (ie, one-line method) of appending a column  
> vector to an existing array. As a simple example I would like to make:  
>  
> 1 1  
> 1 1  
>  
> into  
>  
> 2 1 1  
> 2 1 1  
>  
> I can think of a few ways to do it (one is listed below), but I would  
> really like to do it using array concatenation. I've read a good  
> tutorial about it at Coyote's website, but can't figure out the proper  
> bracketing. Any ideas?  
>
```

```
IDL> a=[[1,1],[1,1]]
```

```
IDL> print,a
```

```
1 1  
1 1
```

```
IDL> b=[[2],[2]]
```

```
IDL> print,b
```

```
2  
2
```

```
IDL> c=[b,a]
```

```
IDL> print,c
```

```
2 1 1  
2 1 1
```

The key is creating b with the correct dimensions. Another option is

```
IDL> b=reform([2,2],1,2)
```

```
IDL> print,b
```

```
2  
2
```

Cheers,
Benjamin
