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Subject: Re: Dynamically resizing arrays  
Posted by [Andrew\[2\]](#) on Sat, 05 Feb 2005 04:04:08 GMT  
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Hi Jonathan,

Assume you have declared your initial array, lets call it array\_init

```
array_init=INTARR(100) ;for arguments sake
```

if we now assume that you are in the loop and want to append the new data, which we also assume is 100 columns long (i.e fixed length)

```
new_row=intarr(100) ;the array of new data
FOR i=0,99 DO BEGIN
  ;some operation or whatever you do here
  ;to place the data in new_row
```

```
  array_init=[[array_init],[new_row]] ;appened it to the original data
ENDFOR
```

your array\_init will now grow one row at a time with each loop. You might want to consider using a WHILE statement though to avoid the FOR loop. I hope this helps, and is correct. Try it with some dummy arrays (I did).

Cheers  
Andrew

Jonathan Greenberg wrote:

```
> I was hoping to get some feedback on the best way of creating a
> "database"
> -- an array of fixed columns but unknown number of rows which will be
> appended to within some sort of loop. What is the best way of doing
> this?
>
> --j
```