
Subject: Re: Push value onto an array?

Posted by [Ed Wright](#) on Sun, 19 Jan 2003 02:12:53 GMT

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in article b07o36\$24do\$1@nntp6.u.washington.edu, Rick Towler at
rtowler@u.washington.edu wrote on 1/16/03 5:56 PM:

```
>
> "Ed Wright" wrote >
>> Question,
>>
>> How can I push a value onto an array?
>>
>> Given some array A of size m, how to add an entry at A[m]?
>>
>> Something like
>>
>>   push @A, $value;
>>
>> This needs to be done in a loop. Yes, really.
>
> I think this was covered in depth a month or two ago.  I just googled one
> entitled "How to use pointers instead of arrays" which covers some of the
> details (it quickly diverges from pointers and addresses your question
> directly).
```

Thanks,

I used Dr. Fanning's solution.

```
> In practice, this means that you have some kind of
> counter to tell you where you are in your array. If the
> counter gets above the "chunk" size, you allocate more
> memory to the array:
>
>   array[counter] = value
>   counter = counter + 1
>   IF counter MOD 100 EQ 0 THEN array = [Temporary(array), Findgen(100)]
>
> When you finish adding things to your array, you trim
> it to the correct size:
>
>   array = array[0:counter-1]
>
> This is both efficient and fast.
```

As always,
Ed Wright
