
Subject: Re: Create a matrix using repmat
Posted by [Chris Lee](#) on Fri, 24 Oct 2003 15:40:14 GMT
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In article <688447c0.0310220058.43dcfe77@posting.google.com>, "dino nicola" <dino.nicola@libero.it> wrote:

> I need to translate the Matlab REPMAT command in IDL code. I mean
> B=repmat(A,m,n) is used in Matlab to create a large matrix B consisting
> of an m by n tiling copies of A. How can I do? Thank you in advance,
> Dino.

It depends on which version of IDL you have, post IDL 5.6 (I think) you can use reform and rebin to do it.

```
#assuming A is...  
A=fltarr(x,y)
```

```
B = rebin(reform(A, [x,y,1,1]),[x,y,m,n])
```

```
;or B =rebin(reform(A, [1,1,x,y]), [m,n,x,y]) ...etc
```

```
; courtesy Fanning and Smith, code-crime fighting duo :)
```

pre IDL 5.6 take the square brackets away and it should still work.

Chris.
