
Subject: Re: Assigning the values of a matrix to a larger matrix
Posted by [Heinz Stege](#) on Wed, 30 Apr 2014 21:21:35 GMT
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Hello Fabrice.

On Wed, 30 Apr 2014 13:52:42 -0700 (PDT), fabrice.lambert@gmail.com wrote:

```
> Is there a way to write the following code in IDL/GDL without a for loop?  
>  
> for i=0,90 do begin  
>   Base[*,* ,i]=Input[* ,*,0]  
> endfor
```

Yes, you can write:

```
n=size(input,/dimensions)  
base[0,0,0]=rebin(input,[n,91],/sample)
```

If the base array does not have to be bigger than the 91x input array, you don't need to create it explicitly and can more simply write:

```
n=size(input,/dimensions)  
base=rebin(input,[n,91],/sample)
```

Cheers, Heinz
