
Subject: Matrix expansion performance

Posted by [Ricardo Bugalho](#) on Mon, 28 Mar 2005 12:37:43 GMT

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Hi,

I have a matrix A (m,n) is and I want to create a matrix B(m,n,p) such that each B(*,*,i) slice equals A. p is very large and n is usually smaller than m so I have:

```
B=bytArr(m,n,p)
```

```
C=byteArr(p) + 1
```

```
FOR i = 0, n-1 DO B[:,i,:] = REFORM(A[:,i]) # p
```

Quite fast, but not enough for my needs. Any one has better sugestions?

Still stuck in IDL 5.4, by the way.

Thanks,

Ricardo
