
Subject: Re: Concatenating arrays

Posted by [K. Bowman](#) on Mon, 05 Sep 2005 14:08:51 GMT

[View Forum Message](#) <> [Reply to Message](#)

In article <431af10e@quokka.wn.com.au>, "RPF" <RPF@lol.com> wrote:

> Also is there an easy way to
> make an upper triangular matrix i.e. make all entries below the diagonal
> zero ?

```
IDL> n = 5
```

```
IDL> i = REBIN(LINDGEN(n), n, n)
```

```
IDL> j = REBIN(TRANPOSE(LINDGEN(n)), n, n)
```

```
IDL> print, i
```

```
  0    1    2    3    4
  0    1    2    3    4
  0    1    2    3    4
  0    1    2    3    4
  0    1    2    3    4
```

```
IDL> print, j
```

```
  0    0    0    0    0
  1    1    1    1    1
  2    2    2    2    2
  3    3    3    3    3
  4    4    4    4    4
```

```
IDL> a = (i GE j)
```

```
IDL> print, a
```

```
  1  1  1  1  1
  0  1  1  1  1
  0  0  1  1  1
  0  0  0  1  1
  0  0  0  0  1
```

Cheers, Ken Bowman
