
Subject: Re: Array index for arrays

Posted by [Craig Markwardt](#) on Tue, 04 Dec 2001 14:35:25 GMT

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the_cacc@hotmail.com (trouble) writes:

```
> z=indgen(4,4)
> ix=[0,1]
> help,z[ix,ix]
>
> <Expression>   INT      = Array[2]
...
> Not what I expected !?!
```

Yes, this has burned me a couple of times. The short answer is that when you combine two or more "index lists", then they are treated as one-for-one coordinate lists. What you want can be achieved in two separate indexing steps:

```
help, (z[ix,*])[*,iy]
```

Ie, first do the X index then the Y index.

Craig

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