

---

Subject: Re: Array index for arrays  
Posted by [air\\_jlin](#) on Wed, 05 Dec 2001 02:40:56 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Craig Markwardt <craigmnet@cow.physics.wisc.edu> wrote in message  
news:<onr8qb6ok2.fsf@cow.physics.wisc.edu>...

> [...]

>

> 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:

>

but how come adding a third "\*" dimension gives something you would  
expect?

-----  
IDL> z=indgen(3,2,4)

IDL> ix=[0,1]

IDL> print,z

```
  0   1   2
  3   4   5
```

```
  6   7   8
  9  10  11
```

```
 12  13  14
 15  16  17
```

```
 18  19  20
 21  22  23
```

IDL> print,z[ix,ix,\*]

```
  0   1
  3   4
```

```
  6   7
  9  10
```

```
 12  13
 15  16
```

```
 18  19
 21  22
```

-----

thanks!

best,

-Johnny

-----  
Johnny Lin  
CIRES, University of Colorado  
Work Phone: (303) 735-1636  
Web: <http://cires.colorado.edu/~johnny/>  
-----

---