
Subject: Re: Array index for arrays

Posted by [air_jlin](#) on Wed, 05 Dec 2001 02:40:56 GMT

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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

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