Subject: Array index for arrays
Posted by the_cacc on Tue, 04 Dec 2001 13:18:02 GMT
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z=indgen(4,4)
ix=[0,1]
help,z[ix,ix]

<Expression> INT = Array[2]

Not what I expected !?!

Subject: Re: Array index for arrays
Posted by Craig Markwardt on Wed, 05 Dec 2001 16:16:12 GMT
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air_jlin@yahoo.com (Johnny Lin) writes:

> 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?

The special behavior only shows up when all of the dimensions are
indexed by arrays. If even one dimension is indexed by a scalar
number or A:B index range, then you will get the "standard" behavior.

Craig

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Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
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