Subject: Re: array indices again
Posted by Martin Schultz on Thu, 03 Jun 1999 07:00:00 GMT
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Henry Chapman wrote:
>
> Hi all,
>
> I remember a few weeks back there was a lot of discussion about indexing
> multiple dimensions of arrays, [...]

> It seems that by extending the 2-d array a into another dimension, where
> the extra dimension has no size (sounds like string theory!) the
> indexing works the way I want it to. I noticed this when I had a 3-d
> array and was extracting a 2-d array from it, as in b[x, x, i] where x
> is a 1-d array and i is a scalar. This seems to work on arrays of any
> dimension.
>
> I apologise if this was mentioned before,
>
> Henry.
>
> --
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Henry,

   nice feature! I was really astonished when I saw it works even for
non-equal dimensions:
    a = findgen(20,10)
    x = indgen(10)*2
    y = indgen(5)*2
    print,a[x,y,0]

however, (a puzzle for the unexperienced IDL user):
    print,a[x,y]
will result in an error message...

Martin.

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