
Subject: Re: Undocumented array indexing feature?
Posted by [Liam Gumley](#) on Fri, 22 Jan 1999 08:00:00 GMT
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Liam Gumley wrote:

> Here's a way to index an array I hadn't seen before:

>

> a = indgen(10,10)

> x = [3,5,8,9]

> y = [2,7]

> print, (a[x,*])[*,y]

> 23 25 28 29

> 73 75 78 79

>

> Does anyone know where this feature (i.e. enclosing an array with
> parentheses and appending an index) is documented? I couldn't find it in
> my printed IDL 5.0 documentation.

To answer my own question, a careful reading of Chapter 5 of 'Building
IDL Applications' p. 60
(ftp://ftp.rsinc.com/pub/idl_5.2/info/docs/building.pdf)
revealed the following:

"The syntax of a subscript reference is:

Variable_Name[Subscript_List]

or

(Array_Expression)[Subscript_List]"

Thanks to Bill and Craig for their replies.

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