
Subject: Re: Array indexing "Feature"

Posted by [Paul van Delst](#) on Wed, 12 Dec 2001 22:44:59 GMT

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Craig Markwardt wrote:

```
>
> Andrew Cool <andrew.cool@dsto.defence.gov.au> writes:
>
>> Hi All,
>>
>> One of my colleagues has noted something apparently screwy in the
>> indexing of
>> arrays.
>>
>> e.g.  a = indgen(10)
>>        print, a(9)    -> you get 9
>>        print, a(10)   -> you get an error, as expected for a zero-based
>> index
>>
>> but if you access the array with the index as a vector, it seems to
>> truncate the index to the maximum allowable:
>
> See "Using Arrays as Subscripts" in the manual. I believe this
> behavior has been true since the dawn of SYSTIME().
```

Huh. How 'bout that?

```
IDL> a = indgen(10)
IDL> x=[-100,3, 4, 5]
IDL> print, a(x)
      0      3      4      5
```

but only for array subscripts,

```
IDL> print, a[-100]
% Attempt to subscript A with <INT    (  -100)> is out of range.
% Execution halted at: $MAIN$
```

Seems logical....<insert chirping cricket sounds here>.....in an IDL sorta way.

paulv

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Paul van Delst Religious and cultural
CIMSS @ NOAA/NCEP purity is a fundamentalist
Ph: (301)763-8000 x7274 fantasy
Fax:(301)763-8545 V.S.Naipaul
