Subject: Re: Array indexing "Feature" Posted by Paul van Delst on Wed, 12 Dec 2001 22:44:59 GMT View Forum Message <> Reply to Message

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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)
                    5
    0
         3
               4
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.
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