Subject: what is the highest subscript in the array?!?
Posted by munka on Fri, 07 May 2010 02:12:13 GMT

Hello team,

I find myself wanting to use the highest subscript in an array and coding "flux[n_elements(flux)-1]"... I seem to remember seeing a shortcut on here, and I can't remember what it is.

It's irrelevant, but here is where I most recently used this. This finds the local maximum in an array.
 index=where(flux eq max(flux) and flux ne flux[0] and flux ne flux[n_elements(flux)-1],ct)

Thanks in advance,

~Bill

PS: Right before I posted this, I searched and I figured that array[[-1]] should return the highest array value... but it doesn't, and I'm still stumped.

```
IDL> array=indgen(10)
IDL> print,array[0]
      0
IDL> print,array[9]
      9
IDL> print,array[10]
% Attempt to subscript ARRAY with <INT      (     10)> is out of
range.
% Execution halted at: $MAIN$
IDL> print,array[[10]]
      9
IDL> print,array[[-1]]
      0
IDL> print,array[[-2]]
      0
IDL>
```