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Subject: Re: what is the highest subscript in the array?!?

Posted by [munka](#) on Fri, 07 May 2010 18:51:55 GMT

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On May 7, 10:37 am, eddie <eha...@gmail.com> wrote:

```
>> 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.
>
> Add a 'u' and it should. A negative unsigned number "wraps" to
> produce a large number.
>
> IDL> array = indgen(10)
> IDL> print,array[[-1u]]
>      9
> This is similar to Carsten's huge number as an index. You can use
> array[[-1ull]] if you are concerned that your array might have more
> than a gajillion elements.
>
> Unfortunately this trick only works for the last element, array[[-2u]]
> still returns the last element of the array, not the second to last.
>
> Cheers,
> eddie
```

```
IDL> flux=findgen(10)
IDL> print,flux
  0.00000  1.00000  2.00000  3.00000  4.00000
5.00000
  6.00000  7.00000  8.00000  9.00000
IDL> print,flux[[-1u]]
  9.00000
IDL> print,flux[5:*]
  5.00000  6.00000  7.00000  8.00000  9.00000
```

Yes! The -1u works! I think I remembered the "trick" that I was originally thinking of. It doesn't do what I want it to do, but the [[-1u]] works!

Thanks for the responses!

~Bill

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