Subject: Re: what is the highest subscript in the array?!?
Posted by Michael Galloy on Fri, 07 May 2010 02:26:14 GMT
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munka <mynameismunka@gmail.com> wrote:
> 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.

You are stuck using that until IDL 8.0 comes out, then you can use -1.

Mike
--
www.michaelgalloy.com
Research Mathematician
Tech-X Corporation

Subject: Re: what is the highest subscript in the array?!?
Posted by munka on Fri, 07 May 2010 02:44:54 GMT
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On May 6, 9:26 pm, Michael Galloy <mgal...@gmail.com> wrote:
> munka <mynameismu...@gmail.com> wrote:
>> 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.
>
> You are stuck using that until IDL 8.0 comes out, then you can use -1.
>
> Mike
> --www.michaelgalloy.com
> Research Mathematician
> Tech-X Corporation

:(
-1 doesn't even work.

Also, clicking on your signature link brings me to "http://
www.google.com/www.michaelgalloy.com" :\

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

Posted by Craig Markwardt on Fri, 07 May 2010 03:32:48 GMT
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On May 6, 10:26 pm, Michael Galloy <mgal...@gmail.com> wrote:
> munka <mynameismu...@gmail.com> wrote:
>> 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.
>
> You are stuck using that until IDL 8.0 comes out, then you can use -1.

Really? First of all a[-1] used to be an error and now it won't be.
That could be dangerous change of expectations.

Craig

Subject: Re: what is the highest subscript in the array?!?
Posted by Michael Galloy on Fri, 07 May 2010 04:21:52 GMT
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On 5/6/10 8:44 pm, munka wrote:
> On May 6, 9:26 pm, Michael Galloy<mgal...@gmail.com> wrote:
>> munka<mynameismu...@gmail.com> wrote:
>>> 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.
>>
>> You are stuck using that until IDL 8.0 comes out, then you can use -1.
>>
>> Mike
>> --www.michaelgalloy.com
>> Research Mathematician
>> Tech-X Corporation
>
> :(
> -1 doesn't even work.
>
> Also, clicking on your signature link brings me to "http://
> www.google.com/www.michaelgalloy.com" :\

You need IDL 8.0:

IDL> a = findgen(10)

IDL> print, a[-1]
      9.00000
IDL> print, a[-2]
      8.00000

Mike
--
www.michaelgalloy.com
Research Mathematician
Tech-X Corporation

Subject: Re: what is the highest subscript in the array?!?
Posted by David Fanning on Fri, 07 May 2010 04:22:15 GMT
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Craig Markwardt writes:

> Really? First of all a[-1] used to be an error and now it won't be.
> That could be dangerous change of expectations.

Yeah, well, IDL 8.0 looks like a dangerous change of
expectations to me. And I mean that in a happy sort
of way. ;-)

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: what is the highest subscript in the array?!?
Posted by Michael Galloy on Fri, 07 May 2010 04:27:47 GMT
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On 5/6/10 9:32 pm, Craig Markwardt wrote:
> On May 6, 10:26 pm, Michael Galloy<mgal...@gmail.com> wrote:
>> munka<mynameismu...@gmail.com> wrote:
>>> 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.
>>
>> You are stuck using that until IDL 8.0 comes out, then you can use -1.
>
> Really? First of all a[-1] used to be an error and now it won't be.
> That could be dangerous change of expectations.
>
> Craig

It does not change valid existing behavoir:

IDL> print, a[[-1]]
0.00000

It would just change conditions which would have caused errors before.
So code that caught the out-of-bounds runtime error instead of just
checking the index will break.

Mike
--
www.michaelgalloy.com
Research Mathematician
Tech-X Corporation

Subject: Re: what is the highest subscript in the array?!?
Posted by munka on Fri, 07 May 2010 04:29:06 GMT
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IDL Version 6.2 (linux x86 m32). (c) 2005, Research Systems, Inc.

Maybe I'll convince the college that I go to to upgrade.... but until
then, I'm stuck with 6.2....

On an unrelated note, check out this cool picture!
http://img.photobucket.com/albums/v461/munka123/M101.png

Subject: Re: what is the highest subscript in the array?!?
Posted by Michael Galloy on Fri, 07 May 2010 04:30:31 GMT
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On 5/6/10 8:44 pm, munka wrote:

[snipped]

> Also, clicking on your signature link brings me to "http://
> www.google.com/www.michaelgalloy.com" :\

Not sure what Google is doing there; it works fine in my newsreader, but
Google Groups is doing something funky.

Mike
--
www.michaelgalloy.com
Research Mathematician
Tech-X Corporation
