
Subject: Re: Negative array indices

Posted by [penteado](#) on Fri, 03 Dec 2010 01:40:58 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Dec 2, 7:54 pm, b_gom <b_...@hotmail.com> wrote:

> I guess this leads to this behaviour:

> IDL> x=findgen(10)

> IDL> print,x[-4:0]

> % Illegal subscript range: X.

>

> because this gets translated to:

> IDL> print,x[6,0]

> which isn't allowed.

Not allowed just because you are trying to decrease the index with a positive stride (it will never get to 0 starting from 5 and adding increments of 1). This does work:

```
IDL> x=findgen(10)
```

```
IDL> print,x[-4:0:-1]
```

```
    6.00000    5.00000    4.00000    3.00000    2.00000
1.00000    0.00000
```

```
IDL> print,x[6:0:-1]
```

```
    6.00000    5.00000    4.00000    3.00000    2.00000
1.00000    0.00000
```
