
Subject: Re: long subscript...

Posted by [Michael Galloy](#) on Thu, 26 Apr 2007 16:32:47 GMT

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

On Apr 25, 1:17 pm, kostis <kostis...@gmail.com> wrote:

- > In the following code j is defined as a 'long' number...
- > But the number j*100 as a subscript of x in plots command is not a
- > 'long' number...
- > causing a problem when the limit is reached..
- > How do i fix it??
- > How do i define all numbers long?

As other suggested, COMPILE_OPT defint32 is the way to make the default integer a long, but:

```
IDL> j = 0L
```

```
IDL> help, j * 100
```

```
<Expression>  LONG      =      0
```

IDL promotes the value of an expression to the type needed to hold the precision all the operands. So here, because j is a long, the result is a long.

As David suggested in the other thread, your issue here is probably with graphics card memory.

Mike

--

www.michaelgalloy.com
