
Subject: Re: loop limit ???

Posted by [Foldy Lajos](#) on Wed, 18 Apr 2007 21:02:48 GMT

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

On Wed, 18 Apr 2007, kostis wrote:

```
> i wouldnt expect that IDL has a limit for loops !!
> trying a loop of 50.000 steps i got the message:
>
> % Compiled module: TRAJECTORY.
> % Loop limit expression too large for loop variable type.
> <LONG ( 49999)>.
> % Execution halted at: TRAJECTORY      16 /home/kostis/PROJECT
> LARMOR/dipole/trajectory.pro
> %
>      $MAIN$
>
> Why is this?
> This means i cant have bigger loops... or is there a trick??
>
```

```
IDL> for i=0,49999 do begin & endfor
% Loop limit expression too large for loop variable type.
<LONG ( 49999)>.
% Execution halted at: $MAIN$
```

0 is of type INT (default integer), whose max. value is 32767.
Use 0I (LONG) instead.

regards,
lajos
