
Subject: Re: Printing to command line without a new line
Posted by [Michael Galloy](#) on Wed, 02 Nov 2011 21:23:50 GMT
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On 11/2/11 1:19 PM, jasmeevirdee@gmail.com wrote:
> On Nov 2, 6:48 pm, David Fanning<n...@dfanning.com> wrote:
>> jasmeevir...@gmail.com writes:
>>> I have a fairly simple question.
>>> My code takes a fair amount of time to run and I would like
>>> it to display a percentage number which updates to the
>>> command line without starting a new line.
>>
>>> So using print one usually does:
>>
>>> for i=0, 100-1, 1 do print, i, '%'
>>
>>> but this creates a long list of numbers. How can I stop a newline
>>> being created by the print command
>>
>>> I hope this is clear. Does anyone know how to do this?
>>
>> http://www.idlcoyote.com/fileio_tips/lfsuppress.html
>>
>> Like this:
>>
>> IDL> for i=0, 15 do print, i, format='((x, l0),\$)'
>> 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
>>
>> Cheers,
>>
>> David
>>
>> --
>> David Fanning, Ph.D.
>> Fanning Software Consulting, Inc.
>> Coyote's Guide to IDL Programming:<http://www.idlcoyote.com/>
>> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
>
> Hi,
>
> Thanks for the response.
>
> It wasn't quite what I was looking for. This prints all the numbers in
> the for loop
> on a single line but what I want is the previous number to disappear
> and
> be replaced by the new number, so that I have one number which is
> constantly updated.

```
>  
> Cheers  
>  
>
```

If you are on a terminal that supports ANSI escape sequences, i.e., not the Workbench, then you can use the following:

```
esc = string(27B)  
  
for i = 0, 100 do begin  
    print, esc + '[4D' + esc + '[K', format='(A, $)'  
    print, i, format='(I3, "%", $)'  
    wait, 0.1  
endfor
```

I've put the code for this example in a main-level program that you can run with:

```
IDL> .run mg_cl_update_demo
```

The code is here:

http://michaelgalloy.com/wp-content/uploads/2011/11/mg_cl_update_demo.pro

Mike

--

Michael Galloy

www.michaelgalloy.com

Modern IDL, A Guide to Learning IDL: <http://modernidl.idldev.com>

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