Subject: Re: overwrite output to screen; unix vs windows
Posted by lecacheux.alain on Wed, 27 Jun 2012 16:32:01 GMT
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On 27 juin, 01:00, jde...@gmail.com wrote:
> I'd like to print a status that runs inside a for loop and gets overwritten after each iteration, so as
not to flood the screen. In unix, you can do it like this:
>
> (unix, good)
> IDL> for i=1, 5 do print, i, format='("' + string(13b) + '",i3,"% complete",$)' & print, ''
>   5% complete
>
> which prints " 1% complete", the "string(13b)" is a carriage return, but the "$" tells it to
continue on the same line, so it is promptly overwritten by " 2% complete" and so on until it
finishes at " 5% complete", all on the same line. The final print, '' is outside the loop and just
resets the IDL prompt when it's done. In this simple example, it happens so fast you only see the
final output.
>
> However, the same line, executed in windows, prints it on 5 separate lines:
>
> (windows, bad):
> IDL> for i=1, 100 do print, i, format='("' + string(13b) + '",i3,"% complete",$)' & print, ''
>
>   1% complete
>   2% complete
>   3% complete
>   4% complete
>   5% complete
>
> Is there a way to get the unix behavior in windows?
>
> Thanks,
> Jason
>
>

You can use a combination of T and $ formats:
IDL> print,indgen(10),FORMAT='(10(T1,i4,$))' & print
9

alx.