Subject: PRINT on same line
Posted by the_cacc on Tue, 12 Nov 2002 14:05:50 GMT

Hi,

I would like to know if anyone has a command which prints a string
that overwrites the current line. The purpose is to update users what
is going on during processing without producing a screen full of:

    Processing data set 1
    Processing data set 2
    ...

which is what PRINT,'Processing data set',i does. I think it must be
possible after hacking through rdpix.pro, but I can't figure out how
to do it :(

Ciao.

Subject: Re: PRINT on same line
Posted by Randall Skelton on Tue, 12 Nov 2002 14:51:05 GMT

Try Craig's statusline program.

http://cow.physics.wisc.edu/~craigm/idl/down/statusline.pro

On 12 Nov 2002, trouble wrote:

> Hi,
>
> I would like to know if anyone has a command which prints a string
> that overwrites the current line. The purpose is to update users what
> is going on during processing without producing a screen full of:
>
>   Processing data set 1
>   Processing data set 2
>   ...
>
> which is what PRINT,'Processing data set',i does. I think it must be
> possible after hacking through rdpix.pro, but I can't figure out how
> to do it :(
>
> Ciao.
>

Subject: Re: PRINT on same line
Posted by the_cacc on Wed, 13 Nov 2002 05:04:54 GMT

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If I understand correctly, this should do what I want:


```
  PRO OPRINT,input

    bksp = REPLICATE(8B,16)
    PRINT,format='(a,$)',STRING(bksp)+input

  END
```

IDL> FOR i = 0,100 DO OPRINT,'Number'+STRING(i)

All I should end up seeing is "Number 100". It doesn't work like
that(windows98, 5.5). I tried it with different bksp characters. Still
no. Why oh why oh why?

Subject: Re: PRINT on same line
Posted by David Fanning on Wed, 13 Nov 2002 05:26:42 GMT

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trouble (the_cacc@hotmail.com) writes:
>
> If I understand correctly, this should do what I want:
>
>
>   PRO OPRINT,input
>
>   bksp = REPLICATE(8B,16)
>   PRINT,format='(a,$)',STRING(bksp)+input
>
>   END
>
> IDL> FOR i = 0,100 DO OPRINT,'Number'+STRING(i)
>
> All I should end up seeing is "Number 100". It doesn't work like
> that(windows98, 5.5). I tried it with different bksp characters. Still
> no. Why oh why oh why?

I think you understood correctly for UNIX. The
Windows way is a progress bar. :-)

Cheers,

David
--
David W. Fanning, Ph.D.
Fanning Software Consulting, Inc.
Phone: 970-221-0438, E-mail: david@dfanning.com
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: PRINT on same line
Posted by the_cacc on Wed, 13 Nov 2002 11:32:29 GMT
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David Fanning <david@dfanning.com> wrote in message
news:<MPG.183b90807a392248989a16@news.frii.com>...
>
> I think you understood correctly for UNIX. The
> Windows way is a progress bar. :-)
>

Not... widgets!!! Those little monkeys get everywhere. It's bad enough
just using the IDLDE after years of vi, oh vi <sigh>.

Subject: Re: PRINT on same line
Posted by Andrew Cool on Thu, 14 Nov 2002 22:17:23 GMT
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trouble wrote:
>
> David Fanning <david@dfanning.com> wrote in message
news:<MPG.183b90807a392248989a16@news.frii.com>...
>>
>> I think you understood correctly for UNIX. The
>> Windows way is a progress bar. :-)
>>
>
> Not... widgets!!! Those little monkeys get everywhere. It's bad enough
> just using the IDLDE after years of vi, oh vi <sigh>.

Ah Trouble,

 You'll also find that you can't ring the terminal bell under Windows
 with a print,String(7B) either. The IDL Development environment
captures

non-printable character codes and displays them as the vertical bar
character
 in the Output Log. Same diff for the Backspace/Delete control code.

 But if you ask Dr Fanning nicely, he'll give you a routine to ring the
bell
 under Windows anyway.

 Suggest you pester RSI with a Software Change Request to allow at least
a few
 of the common control codes to work correctly under IDLDE.

 Andrew

 -- ----------------
 Andrew D. Cool
 Electromagnetics & Propagation Group
 Intelligence, Surveillance & Reconnaissance Division
 Defence Science & Technology Organisation
 PO Box 1500, Edinburgh
 South Australia 5111

 Phone : 061 8 8259 5740   Fax : 061 8 8259 6673
 Email : andrew.cool@no-spam.dsto.defence.gov.au

 -- ---------------

Subject: Re: PRINT on same line
Posted by Mark Hadfield on Thu, 14 Nov 2002 23:49:29 GMT
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> But if you ask Dr Fanning nicely, he'll give you a routine to
> ring the bell under Windows anyway.

You can ring my bell any time, David.

Oops.

--
Mark Hadfield   "Ka puwaha te tai nei, Hoea tatou"
m.hadfield@niwa.co.nz
National Institute for Water and Atmospheric Research (NIWA)

Subject: Re: PRINT on same line

Posted by David Fanning on Fri, 15 Nov 2002 07:08:47 GMT

Andrew Cool (andrew.cool@dsto.defence.gov.au) writes:

> But if you ask Dr Fanning nicely, he'll give you a routine to ring the
> bell under Windows anyway.

Indeed. Thanks to Andrew and Peter Mason, two Aussies
who know how to have a good time, you can find an
interesting set of programs here:

  http://www.dfanning.com/programs/bell.zip

These are Windows-only, since they use a Windows DLL
written by Peter.

Enjoy!

Cheers,

David

P.S. Let's just say the BEEP command just doesn't
make it anymore in the face of these offerings.

--
David W. Fanning, Ph.D.
Fanning Software Consulting, Inc.
Phone: 970-221-0438, E-mail: david@dfanning.com
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: PRINT on same line
Posted by the_cacc on Fri, 15 Nov 2002 15:39:12 GMT

Thanks all for the tips/code. I try and keep my progs utterly basic so
the old format='(a,$)' will have to do for me. Thanks anyway.