Subject: Re: Overwriting the terminal output line
Posted by Craig Markwardt on Thu, 14 Feb 2002 19:07:51 GMT
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Kenneth Bowman <k-bowman@null.tamu.edu> writes:
> Does anyone know how to overwrite the terminal output line?
>
>
> The following does not do what I want:
>
> IDL> FOR i = 0, 10 DO PRINT, i, FORMAT = "($, 'i = ' ,I4, T1)"
> i =   0i =   1i =   2i =   3i =   4i =   5i =   6i =   7i =   8i =   9i = 10IDL>
>
> The $ supresses the newline, but T1 does not reposition the
> pointer to the beginning of the line.
...

Hi Ken--

Does something like STATUSLINE help you? [Assumes you are running on
an ANSI-like terminal.] I use ANSI escape characters to control the
cursor position, so it's not portable to every type of terminal. As I
recall, I couldn't find a simply way to reposition the cursor using
FORMAT statements.

Craig

http://cow.physics.wisc.edu/~craigm/idl/idl.html (under Miscellaneous)

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 --- --------------
Craig B. Markwardt, Ph.D.   EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
 --- --------------

Subject: Re: Overwriting the terminal output line
Posted by weitkamp on Fri, 15 Feb 2002 16:53:15 GMT
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Hi Ken and Craig,

Craig Markwardt <craigmnet@cow.physics.wisc.edu> wrote in message
news:<ony9hv286w.fsf@cow.physics.wisc.edu>...
>
> Does something like STATUSLINE help you? [Assumes you are running on
> an ANSI-like terminal.] I use ANSI escape characters to control the
> cursor position, so it's not portable to every type of terminal. As I

> recall, I couldn't find a simply way to reposition the cursor using
> FORMAT statements.

I don't know how STATUSLINE works or what can be termed "simple", but
the following small modification to Ken's code (putting a CR in the
format string) works on VT-52 compatible terminals (is that the same
as ANSI?). I think it fails on Windows though (because the CR makes a
new line there). Here it is:

FOR i = 0, 10 DO PRINT, i, FORMAT = '($, "i = " ,I4,
"'+STRING(13B)+'")'

Timm

Subject: Re: Overwriting the terminal output line
Posted by K. Bowman on Fri, 15 Feb 2002 19:05:27 GMT
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In article <ony9hv286w.fsf@cow.physics.wisc.edu>,
 Craig Markwardt <craigmnet@cow.physics.wisc.edu> wrote:

> Does something like STATUSLINE help you? [Assumes you are running on
> an ANSI-like terminal.] I use ANSI escape characters to control the
> cursor position, so it's not portable to every type of terminal. As I
> recall, I couldn't find a simply way to reposition the cursor using
> FORMAT statements.

Thanks, Craig. STATUSLINE works fine on our unix boxes (vt100).

I added a blank "PRINT" in the /CLOSE block to ensure that
upon close the IDL prompt does not over-write the status line.

```
  if keyword_set(close) AND n_elements(statusline_unit) GE 1 then begin
     if statusline_unit(0) LT 0 then return
     free_lun, statusline_unit(0)
     statusline_unit = -1L
     PRINT
     return
  endif
```

I doesn't work on my Mac however (no surprise). Maybe when the OS X
(unix-like) version is available.

Ken