
Subject: Re: Print format question -> DEcTerm Title utility
Posted by [Andrew Cool](#) on Fri, 03 Aug 2001 03:47:21 GMT
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John McFee wrote:

>
> Because I can have several thousand records in a run, I do not want to have a
> flowing list like:
>
> ...
> Record number 1034 out of 1500
> Record number 1035 out of 1500
> Record number 1036 out of 1500
> ...etc.
>
> but instead just want one line where the record number increments, i.e.,
>
> Record number n out of 1500 [where n changes at the same spot]

For VMS users,

This ancient utility to change the title of VMS DECTerms and optionally the associated Icon labels may be of interest as an alternative to print statements to the Output log, or even a widget progress-meter-thingy.

There's an overhead of course, and for large loops it would be prudent to call the routine every nth iteration or so.

Note that a string array applied to the Icon produces multiple lined labels.

This works nicely under OVMS 7.3

Cheers,

Andrew

```
;+  
;1 DECTERM_TITLE  
;  
; Write out supplied string/array to either DecTerm title window  
; or the DecTerm's Icon.  
;  
; Calling with no title parameter resets the window/icon title  
; to the title as it existed when the IDL session was started up.
```

```

;
; If a string array is passed to the ICON label, Line feeds (LF) will
be
; inserted automatically to create a multiple line icon. There is a
limit
; of about 50-60 characters all up for multiple line icons, including 1
LF
; character per line.
;
; If a string array is passed to the DecTerm title, a single blank
space
; is inserted between array elements.
;
; Examples :
;
;   Insert new title : DECTERM_TITLE,'Executing Test.exe'
;   DECTERM_TITLE,'Test.exe',/ICON
;   DECTERM_TITLE,/ICON,['This','is a','test']
;
;   Reset to previous title : DECTERM_TITLE
;   DECTERM_TITLE,/ICON
;
; Format:
; IDL> DECTERM_TITLE [,title,/ICON]
;
;
;2 Amendments
; 23-Aug-93 Andrew COOL 1.00 Baseline.
;
;
;*****
;
;   Surveillance Systems Division
;   Defence Science & Technology Organisation (DSTO)
;   Salisbury, Adelaide, AUSTRALIA
;
;
;   andrew.cool@dsto.defence.gov.au
;*****
;-

```

PRO Decterm_Title, title, ICON = icon

IF N_ELEMENTS(title) EQ 0 THEN title = "

;... Define <ESC> sequence characters

```

osc = STRING(157B)
st = STRING(156B)

```

;... If writing to ICON, then set lf to LINE FEED, else set to blank pad

```
IF KEYWORD_SET(icon) NE 0 THEN BEGIN
  lf = STRING(10B)
ENDIF ELSE BEGIN
  lf = ''
ENDELSE
```

;... If title is an array, then concatenate elements and add LF's

```
IF N_ELEMENTS(title) GT 1 THEN BEGIN
  tmp = title(0) + lf
  FOR i = 1,N_ELEMENTS(title)-1 DO BEGIN
    tmp = tmp + title(i) + lf
  END
  title = tmp
ENDIF
```

```
IF KEYWORD_SET(icon) NE 0 THEN BEGIN
  cmd = osc + '2L;' + title + st
ENDIF ELSE BEGIN
  cmd = osc + '21;' + title + st
ENDELSE
```

;... Just writing this to the screen affects either the DecTerm title
;... or the icon

```
PRINT,cmd
```

```
END
```

```
-----
Andrew D. Cool      .->-.
Electromagnetics & Propagation Group  `-<-'
Surveillance Systems Division      Transmitted on
Defence Science & Technology Organisation  100% recycled
PO Box 1500, Salisbury      electrons
South Australia 5108
```

```
Phone : 061 8 8259 5740   Fax : 061 8 8259 6673
Email  : andrew.cool@dsto.defence.gov.au
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```
