
Subject: Re: Diagnostic printout
Posted by [sjt](#) on Fri, 05 Aug 1994 11:17:08 GMT
[View Forum Message](#) <> [Reply to Message](#)

M. Freeman (mjfreem@hubcap.clemson.edu) wrote:
: I want to be able to print a diagnostic message that tells me
: what loop index my routine is on, without having the screen
: scroll by. Something equivalent to this:

```
: #include <stdio.h>
: main(){
: int i,j,a;
: for (i=0;i<10;i++){
:   printf("Processing index number %i \r",i);
:   a=fflush(NULL);
:   for (j=0;j<10000000;j++);
: }
: printf("\n");
: }
```

: The j loop is there to waste time, so you can see the numbers iterate.
: The a=fflush(NULL) is to make sure the output buffer gets written to the
: screen.

: I tried
: print,format='(t1,"Processing index number ",i2,\$),i
: but it doesn't work right. Basically, there is no equivalent to \r
: that I can find in IDL.

: Thanks, matt

The following works on a Unix system:

```
cr=string(13b) ; 13 is ^M = <cr>
for i = 0, 3 do print, format = '("Processing index number ",i2,a,$)', i, cr
```

On VMS I'm not sure as I suspect <cr> may be converted to <CrLf>.

--
James Tappin, School of Physics & Space Research
University of Birmingham
sjt@xun8.sr.bham.ac.uk
"If all else fails--read the instructions!"

O
-- V^