
Subject: Diagnostic printout

Posted by [mjfreem](#) on Thu, 04 Aug 1994 17:19:03 GMT

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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
