
Subject: how to determine current position in a program??

Posted by [astroboy2k](#) on Tue, 22 Jan 2008 17:46:43 GMT

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Hello.

I was wondering if anyone would offhand have any idea of how to go about determining which line number a program is at at a certain time. That is to say, I would like a program to print a message something like "at line 1234", where 1234 is the actual line number in the code.

For example, I'd originally have:

```
pro junk,xxx
print,'1'
print,'2'
print,'you are now at this line in the code ',3
return
end
```

Of course, I'd want to modify the code endless times to get something like:

```
pro junk,xxx
print,'1'
print,'2'
x=0.      ;line 3
x=x+1.    ;line 4
print,'you are now at this line in the code ',some_function()
return
end
```

That is to say, I'd like have some_function() return the number 5, since it's being called at line 5 in the code. I don't want to constantly have to be changing my print statements, in other words.

When programs crash you get an output to the effect that things came to a halt at such and such a line in one unit or another, so it seems like IDL might have the capability of knowing which line of a code is being executed at any given time.... Does anyone know if this can be done without too much pain and anguish.....

Thanks all,

Mark
