Subject: Re: static variable mayhem
Posted by wmc on Tue, 12 May 1998 07:00:00 GMT

In article 1@filet.nrlssc.navy.mil, "T Bowers" <tbowers@nrlssc.navy.mil> writes:
> function foofunc, x
>   common CBlock, firstTimeInFooFunc   ;I think this'll init to 0
>
>   if (NOT firstTimeInFooFunc) then begin   ;init'd to 0, so I'll just NOT
> the bastard
>   firstTimeInFooFunc = 1 ;Set so this'll never happen again on subsequent
> calls
>   return, x = x - 1
> endif $
> ....
>
> No such luck. It compiles, but when I single step to this line, I get
> % Variable is undefined: FIRSTTIMEINFOOFUNC (CBLOCK).
> % Execution halted at: FOOFUNC blah, blah, blah

Well I don't think it compiles, since return,x=x-1 is odd.
But if you swap that to return,x-1 then it should compile.

To make it *work*, say
common CBlock...
at the main prompt (or somewhere above foofunc) and then say
first...func=0 (or 1, or whatever you want...)

Then it will do what you want. Ugly, though.

- William

William M Connolley | wmc@bas.ac.uk | http://www.nbs.ac.uk/public/icd/wmc/
Climate Modeller, British Antarctic Survey | Disclaimer: I speak for myself