Subject: Re: quirk End of file encountered before end of program
Posted by LC's No-Spam Newsread[1] on Fri, 12 Dec 2014 13:38:50 GMT
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On Thu, 11 Dec 2014, Jim P wrote:

```
>>  The code should look something like this
>>
>>  pro xxx.pro,ARGUMENTS
>>     openw,2,'temporary.temp'
>>     printf,2,'structure=create_struct( $'
>>  CASE STATEMENT FILLING THE STRUCTURE DEFINITION in the temp file
>>  printf,2,')'
>>  close,2
>>  ; and instantiate it
>>     @ temporary.temp
>>  return
>>  end
```

> I suspect this isn't behaving as you wish it to behave, due to a
> misinterpretation of how "@" is used.
>
> The "@" in your code is interpreted at compile time, not at run time.

I did not realize that.

The original code I had (dating to several years ago, before anonymous structures were introduced) used in fact a much more complex mechanism.

It wrote the structure definition (without use of CREATE_STRUCT which did not exist) to the temporary.temp file

then wrote a xxxtmpnnn.pro file with nnn increasing each time, which contained the invocation of @temporary.temp (and passed back the created structure as argument)

then built a string with the invocation of xxxtmpnnn.pro and used execute to invoke it

When I did now some simple tests, I thought that the above arrangement was become unnecessary now with create_struct and anonymous structures. I wanted to simplify it and hoped it were NOW possible.

Apparently I cannot do execute('@temporary.temp')

Is there any limitation to the string length in execute(string) ?

I used a temporary file because the structure definition is rather long,
and is constructed in steps (driven from a data file) ... for legibility
temporary.temp has the statement on several lines (terminated by the $
continuation marker but last one)

If there is no limitation I could concatenate the pieces of the
statement instead of writing them to temporary.temp and just execute the
resulting string.