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Subject: Re: Compilation Error: Procedure header must appear first and only once  
Posted by [jaromnelson](#) on Mon, 20 Jun 2016 18:46:08 GMT

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I know this question is very old, but this was an error I was getting, and I could not find the solution. I eventually found in my case that this error was caused by a non-printed non-ASCII character at the beginning of the file. After copying the text and saving as a new file (fortuitously without the rogue character) the error disappeared. Subsequent comparisons between the two files revealed the error.

Posting here since this is high on the results lists in internet searches for this error message.

Jarom

On Wednesday, June 29, 2011 at 7:38:43 AM UTC-7, Maegereg wrote:

> On 6/27/11 3:18PM, Michael Galloy wrote:

>> 1. Always check the first error in the file, a single syntax error can  
>> cause many later error messages.

>>

>> 2. "Procedure header must appear first and only once" almost always  
>> means you forgot to END something -- you have a BEGIN but no END for an  
>> IF statement, a FOR loop, etc.

>  
> I've checked the first error in each of the two files- both are syntax errors, and in both cases  
nothing actually appears wrong. Here's the two errors (error is on third line):

>

> END

> 'Funct\_AIF\_Fast': BEGIN

> SetTimeCommonBlock,tMargin=ObtainTMargin()+tMargin, tRange=tRange

> END

> 'Funct\_Artery\_AIF': BEGIN

>

> and

> t\_time=(\*pState).pt\_time

> time\_courseC=(\*pState).timecourse)[(\*pState).cursorPositio  
n[0],(\*pState).cursorPosition[1],\*]

> uptake\_curve=get\_uptake\_curve(time\_courseC, pState, base\_level=base\_level)

> noise\_Level=Calculate\_Noise(time\_courseC, (\*pState).n\_base, (\*pState).baseStart,  
(\*pState).n\_Images-1) ;; df=df)

> ;save, uptake\_curve, t\_time, filename='D:\tmp.idl'

>

> Eclipse points out the )+ (of the tMargin=ObtainTMargin()+tMargin part), and the =b (of the  
base\_level=base\_level part). Neither of them seems to be a syntax error, though do correct me if  
I'm wrong. There are a ton more of these correct syntax errors scattered throughout the rest of the  
project.

>

> I also checked the end statements for both of the files. I made a couple changes where it  
seemed like the wrong end had been used, but even now that the ends are completely correct,

the errors persist. Another thing I did notice: eclipse is giving me errors of the form: "Type of end does not match statement" in the functions immediately before I start getting the procedure header errors. I've double checked these functions though, and the ends are correct. And I've also tried just blindly doing what the compiler says to make those bug reports go away (changing the ends to whatever it suggests, even if it's incorrect), but that didn't fix anything either.

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