
Subject: Re: Compilation Error: Procedure header must appear first and only once
Posted by [Maegereg](#) on Wed, 29 Jun 2011 14:38:43 GMT

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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).cursorPosition[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.
