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Subject: Re: FOR LOOP problem

Posted by [Craig Markwardt](#) on Wed, 05 Jun 2002 19:46:32 GMT

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skd6@ra.msstate.edu (Shravan Kumar Durvasula) writes:

> Hi,  
>  
> I am actually working on IONJava. I have a strange problem. This is  
> the .pro file that i have written :  
>  
>  
>  
> When i compile and run this program from the IDL command prompt, it  
> runs absolutely fine. But when i run this file through IONJava using  
> the "executeIDLCommand()" (method in the IONGraphicsClient class of  
> IONJava) it gives the following error message :  
>  
>  
> I tried eliminating "ENDFOR" by modifying the code to :  
>  
>  
>  
> I then removed END in the last line and tried running it again. It  
> worked absolutely fine. I am not able to guess what the problem could  
> be. I was wondering if it had anything to do with the indentation as  
> it said Syntax error. But i could not correct it. Could anyone please  
> help? Any suggestions given on this would be of great help to me.

IDL makes the distinction of what can be run on the command line, and what can be placed in a compiled procedure. Items that appear on the command line are more restricted. For example you can't have multi-line BEGIN/END clauses, which is exactly what you are seeing.

This is also the distinction between the "@" command, and the ".RUN" command. The former accepts only simple commands, while the latter expects a fully formed procedure, finished with END, but is able to take BEGIN/END clauses. The EXECUTE() statement, upon which executeIDLCommand() must be based, also falls in the former category, so that's why you are getting errors. Why don't you just stuff all this into its own procedure?

Good luck,  
Craig

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Craig B. Markwardt, Ph.D.      EMAIL:   craigmnet@cow.physics.wisc.edu  
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response  
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