Subject: Re: Running an IDL Project
Posted by David Fanning on Tue, 10 Aug 2004 04:09:15 GMT
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Edwin writes:

```
> The problem is I don't seem to be able to run the project. I will
> describe below how I create the project, and maybe someone can tell me
> what i'm doing wrong.
>
 I click on File > New > Project
>
 I enter a name for the project, say "Project.prj"
>
>
> A Project Workspace pops up titled "project.prj" with folders Source,
> GUI, Data, Images, and Other
> I go to Project > Add/Remove Files and I add all the files which I
> previously had to open one by one. All these files are .pro files (one
> main.pro as the main program that calls all the other procedure
> files). All of them are put into the "Source folder" of my project
> workspace.
 I go to Project > Compile > All Files
> All the files are compiled successfully.
>
  I then go to Project > Run, and I get the following error message:
>
> % Attempt to call undefined procedure/function: 'Project'.
> % Execution halted at: $MAIN$
> C:\IDL\SPE_Examiner\main.pro
>
  main.pro is my main program that calls all the other procedures.
>
> Apparently IDL thinks that my project named "Project" is a
> function/procedure???
Go to the Project->Options menu item. Where it says "Run
Command" type in "main". There you go! :-)
Cheers,
David
David Fanning, Ph.D.
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Fanning Software Consulting, Inc.

Subject: Re: Running an IDL Project

Posted by Ralf Schaa on Tue, 10 Aug 2004 08:06:18 GMT

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[...]

>> I then go to Project > Run , and I get the following error message:

>>

- >> % Attempt to call undefined procedure/function: 'Project'.
- >> % Execution halted at: \$MAIN\$
- >> C:\IDL\SPE Examiner\main.pro

>>

>> main.pro is my main program that calls all the other procedures.

>>

- >> Apparently IDL thinks that my project named "Project" is a
- >> function/procedure???
- > Go to the Project->Options menu item. Where it says "Run
- > Command" type in "main". There you go! :-)

I had exactly the same problem when I created my first project ... this hint should be the first sentence in the idl help when looking for 'projects' ...

Cheers

-Ralf

Subject: Re: Running an IDL Project

Posted by tianyf on Tue, 10 Aug 2004 08:31:55 GMT

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You can find something useful by selecting Project - Options of the IDLDE.

Tian.

i-kant@shaw.ca (Edwin) wrote in message

news:<cc362821.0408091824.fd63356@posting.google.com>...

- > Up until now I've never actually built a project. I have a main.pro
- > that acts as the main program, and I have a bunch of procedures that I
- > call with the main program to perform tasks. I open all these files,
- > click "compile all", and then run my main.pro.

>

> I would like to make an IDL project now, so instead of having to open > up the main program and all the procedures and then compile them all, > I can just open up a project, and click on "compile project". > > The problem is I don't seem to be able to run the project. I will > describe below how I create the project, and maybe someone can tell me > what i'm doing wrong. > > I click on File > New > Project > I enter a name for the project, say "Project.prj" > A Project Workspace pops up titled "project.prj" with folders Source, GUI, Data, Images, and Other > > I go to Project > Add/Remove Files and I add all the files which I > previously had to open one by one. All these files are .pro files (one > main.pro as the main program that calls all the other procedure > files). All of them are put into the "Source folder" of my project > workspace. > I go to Project > Compile > All Files All the files are compiled successfully. > I then go to Project > Run, and I get the following error message: > % Attempt to call undefined procedure/function: 'Project'. > % Execution halted at: \$MAIN\$ > C:\IDL\SPE Examiner\main.pro > main.pro is my main program that calls all the other procedures. > Apparently IDL thinks that my project named "Project" is a function/procedure???

Subject: Re: Running an IDL Project Posted by i-kant on Tue, 10 Aug 2004 15:21:34 GMT

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David:

>

Well I tried going to options > run command > and typing in "main"

> thanks for any help!

without the quotation marks. and then compiled all. andthen pressed run. here's what I got:

- % Compiled module: MPFIT_DUMMY.
- % Compiled module: MPFIT_RESETPROF.
- % Compiled module: MPFIT_SETMACHAR.
- % Compiled module: MPFIT CALL.
- % Compiled module: MPFIT_FDJAC2.
- % Compiled module: MPFIT ENORM.
- % Compiled module: MPFIT QRFAC.
- % Compiled module: MPFIT QRSOLV.
- % Compiled module: MPFIT LMPAR.
- % Compiled module: MPFIT_TIE.
- % Compiled module: MPFIT_DEFITER.
- % Compiled module: MPFIT_PARINFO.
- % Compiled module: MPFIT_COVAR.
- % Compiled module: MPFIT.
- % Compiled module: MPEVALEXPR.
- % Compiled module: MPFITEXPR EVAL.
- % Compiled module: MPFITEXPR.
- % Compiled module: AUTO_LINE.
- % Compiled module: RUNNING AVERAGE.
- % Compiled module: CALIB_WAVE.
- % Compiled module: INT INT.
- % Compiled module: \$MAIN\$.
- % Compiled module: MY LINE.
- % Compiled module: MY_ROI.
- % Compiled module: PEAK FINDER.
- % Compiled module: PLOT FC.
- % Compiled module: PLOT ROI.
- % Compiled module: READ FC.
- % Compiled module: READ ROI.
- % Compiled module: READ_CALIB.
- % Compiled module: READ_HEADER.
- % Compiled module: \$MAIN\$.
- % Library file does not contain a procedure or function.
- % Compiled module: MAIN.
- % Attempt to call undefined procedure/function: 'MAIN'.
- % Execution halted at: \$MAIN\$
- C:\IDL\SPE Examiner\main.pro

Help!

Subject: Re: Running an IDL Project

Posted by David Fanning on Tue, 10 Aug 2004 15:49:25 GMT

Edwin writes:

- > Well I tried going to options > run command > and typing in "main"
- > without the quotation marks. and then compiled all. andthen pressed
- > run. here's what I got:

>

- > % Compiled module: MPFIT_DUMMY.
- > % Compiled module: MPFIT RESETPROF.
- > % Compiled module: MPFIT_SETMACHAR.
- > % Compiled module: MPFIT CALL.
- > % Compiled module: MPFIT FDJAC2.
- > % Compiled module: MPFIT ENORM.
- > % Compiled module: MPFIT QRFAC.
- > % Compiled module: MPFIT QRSOLV.
- > % Compiled module: MPFIT LMPAR.
- > % Compiled module: MPFIT_TIE.
- > % Compiled module: MPFIT_DEFITER.
- > % Compiled module: MPFIT_PARINFO.
- > % Compiled module: MPFIT_COVAR.
- > % Compiled module: MPFIT.
- > % Compiled module: MPEVALEXPR.
- > % Compiled module: MPFITEXPR EVAL.
- > % Compiled module: MPFITEXPR.
- > % Compiled module: AUTO_LINE.
- > % Compiled module: RUNNING_AVERAGE.
- > % Compiled module: CALIB_WAVE.
- > % Compiled module: INT_INT.
- > % Compiled module: \$MAIN\$.
- > % Compiled module: MY LINE.
- > % Compiled module: MY ROI.
- > % Compiled module: PEAK_FINDER.
- > % Compiled module: PLOT FC.
- > % Compiled module: PLOT ROI.
- > % Compiled module: READ FC.
- > % Compiled module: READ_ROI.
- > % Compiled module: READ_CALIB.
- > % Compiled module: READ_HEADER.
- > % Compiled module: \$MAIN\$.
- > % Library file does not contain a procedure or function.
- > % Compiled module: MAIN.
- > % Attempt to call undefined procedure/function: 'MAIN'.
- > % Execution halted at: \$MAIN\$
- > C:\IDL\SPE Examiner\main.pro

Well, it looks like your MAIN program is not a procedure or a function. :-)

1

My guess is that it is a main-level program. In other words, it is a program module that doesn't start with a PRO or FUNC definition line. It starts with an IDL command. Is this right?

If so, then put "PRO MAIN" as the first line of that file and try again.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: Running an IDL Project

Posted by i-kant on Tue, 10 Aug 2004 21:41:15 GMT

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Awesome. it works now with the "pro main" line at the top. THANKS!!!

edwin