Subject: Strange error: % Keyword parameters not allowed in call. Posted by Helder Marchetto on Wed, 23 Oct 2013 15:21:06 GMT

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Hi,

so, I've got this big program with lots of things happening. There is this method (function) used to get images called "GetRawImg" that calls a function "GetFile"

So the call is done this way:

fName = 'MyFileName.dat' ErrorRes = 0B Img = GetFile(fName, ErrorRes)

The function GetFile is defined this way:

FUNCTION GetFile, Filename, ErrorRes

I'm debugging this thing and when I get on the line Img = GetFile(fName, ErrorRes) and step further into GetFile, I get the error:

- % Keyword parameters not allowed in call.
- % Keyword parameters not allowed in call.
- % Keyword parameters not allowed in call.
- % Compiled module: GETFILE.

Yes, three times and after the call it shows that it has compiled GETFILE.

Does anybody have an idea where this is coming from? Is there somewhere a hidden procedure GETFILE that does not accept parameters? I closed all possible related projects before hand... And when I call this procedure GETFILE the second time, no error is displayed.

Regards, Helder

Subject: Re: Strange error: % Keyword parameters not allowed in call. Posted by David Fanning on Wed, 23 Oct 2013 15:35:33 GMT View Forum Message <> Reply to Message

Helder writes:

- > Yes, three times and after the call it shows that it has compiled GETFILE.
- > Does anybody have an idea where this is coming from? Is there somewhere a hidden procedure GETFILE that does not accept parameters?

You could check. Start a fresh IDL session and type this:

IDL> Print, File_Which('getfile.pro')
Is that pointing to what it should be pointing to?
Cheers,
David
David Fanning, Ph.D. Fanning Software Consulting, Inc. Coyote's Guide to IDL Programming: http://www.idlcoyote.com/ Sepore ma de ni thue. ("Perhaps thou speakest truth.")
Subject: Re: Strange error: % Keyword parameters not allowed in call. Posted by David Fanning on Wed, 23 Oct 2013 15:37:34 GMT View Forum Message <> Reply to Message
Helder writes:
Yes, three times and after the call it shows that it has compiled GETFILE.Does anybody have an idea where this is coming from? Is there somewhere a hidden procedure GETFILE that does not accept parameters?
Or, if this is not in its own file (probably likely with a name like GetFile), compile GetRawImg, then type this command:
IDL> Help, /Source
and look for where it is finding GetFile.
Cheers,
David
David Fanning, Ph.D. Fanning Software Consulting, Inc. Coyote's Guide to IDL Programming: http://www.idlcoyote.com/ Sepore ma de ni thue. ("Perhaps thou speakest truth.")

On Wednesday, October 23, 2013 5:37:34 PM UTC+2, David Fanning wrote:

> Helder writes: > >> Yes, three times and after the call it shows that it has compiled GETFILE. >> Does anybody have an idea where this is coming from? Is there somewhere a hidden procedure GETFILE that does not accept parameters? > Or, if this is not in its own file (probably likely with a name like GetFile), compile GetRawlmg, then type this command: > > IDL> Help, /Source > > and look for where it is finding GetFile. > > > Cheers, > > David > > > > > > David Fanning, Ph.D. Fanning Software Consulting, Inc. > > Coyote's Guide to IDL Programming: http://www.idlcoyote.com/

>

> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Thanks David for your quick answers. I was out of the office...

[I found the solution to the problem... after I wrote an answer. See below]

So I tested both solutions.

- 1) Print, File_Which('getfile.pro') points to the correct file.
- 2) I tried compiling GetRawImg (method of an object) and I get all the methods compiled, but "getfile.pro" does not appear in the "Help, /source".

I tried executing the whole program with a break-point just before the getfile call. And just when I press F5 (step-into) I get the message:

- % Keyword parameters not allowed in call.
- % Keyword parameters not allowed in call.
- % Keyword parameters not allowed in call.
- % Compiled module: GETFILE.
- % Stepped to: GETFILE 1 E:\CommonPros\InputPros\getfile.pro

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Ok, so here was the problem.

In the function "getfile.pro" there was a typo that generated this error:

Return, Result = Dist(200)

I probably some when copied and pasted the "Result" after the return...

If you try this in a function you will just get the error:

% Keyword parameters not allowed in call.

I kept on looking at the definition of the function and how I was calling it... wrong place.

At least I dug the bug out of its nest.

Thanks David. Never used "help, /source". It's kind of spooky when you get so many lines out. You start to ask yourself if you should optimize your code. Once again.

Helder