
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

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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

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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.")

Subject: Re: Strange error: % Keyword parameters not allowed in call.
Posted by [Helder Marchetto](#) on Wed, 23 Oct 2013 22:10:11 GMT
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On Wednesday, October 23, 2013 5:37:34 PM UTC+2, David Fanning wrote:

> Helder writes:

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>> 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?

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> Or, if this is not in its own file (probably likely with a name like

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> GetFile), compile GetRawImg, then type this command:

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>
>

> IDL> Help, /Source

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> and look for where it is finding GetFile.

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> Cheers,

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> David

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> David Fanning, Ph.D.

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> Fanning Software Consulting, Inc.

>

> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

>
> Seppure 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
```

+++++

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
