
Subject: v8.1 Workbench Path problem?

Posted by [BLesht](#) on Wed, 27 Jul 2011 17:09:21 GMT

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I have a simple code that includes the following line:

```
COLORBAR, Position=[0.85, 0.50, 0.87, 0.95], $
      Range=[0.0, cmax], NColors=nLevels, /Vertical, $
      Format = '(f3.1)', CharSize = char_size, /Right,
Title=variable
```

When I run the code in the development environment I get the following error:

```
% Compiled module: COLORBAR.
% Attempt to call undefined procedure/function: 'COLORBAR'.
% Execution halted at: GLSEA2_TEST      443 /glsea2_test.pro
%                               $MAIN$
```

```
IDL> print, file_which('colorbar.pro')
/Applications/itt/idl/idl81/lib/graphics/colorbar.pro
```

I've tried fiddling with the path using the preferences menu.
Currently it is set to the default.

I'm not sure what is happening. Can someone point me in the right direction please? Thanks.

Subject: Re: v8.1 Workbench Path problem?

Posted by [Michael Galloy](#) on Wed, 27 Jul 2011 17:32:15 GMT

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On 7/27/11 11:09 AM, Barry Lesht wrote:

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```
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> direction please? Thanks.
>

IDL is finding the new graphics COLORBAR function (in the default path), but you actually want to call a third-party COLORBAR procedure. To fix, add the path to the third-party COLORBAR procedure to your IDL_PATH *before* the <IDL_DEFAULT> path in your preferences.

Mike

--

Michael Galloy

www.michaelgalloy.com

Modern IDL, A Guide to Learning IDL: <http://modernidl.idldev.com>

Research Mathematician

Tech-X Corporation

Subject: Re: v8.1 Workbench Path problem?

Posted by [BLesht](#) on Wed, 27 Jul 2011 17:40:39 GMT

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On Jul 27, 12:32 pm, Michael Galloy <mgal...@gmail.com> wrote:

> On 7/27/11 11:09 AM, Barry Lesht wrote:

>

>

>

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>> % \$MAIN\$

>
>> IDL> print, file_which('colorbar.pro')
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> add the path to the third-party COLORBAR procedure to your IDL_PATH
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>
> Mike
> --
> Michael Galloy www.michaelgalloy.com
> Modern IDL, A Guide to Learning IDL: <http://modernidl.idldev.com>
> Research Mathematician
> Tech-X Corporation

Thank you, Mike. I'm sure that is the problem. Barry

Subject: Re: v8.1 Workbench Path problem?
Posted by [penteado](#) on Wed, 27 Jul 2011 18:33:11 GMT
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On Jul 27, 2:32 pm, Michael Galloy <mgal...@gmail.com> wrote:

> On 7/27/11 11:09 AM, Barry Lesht wrote:
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> *before* the <IDL_DEFAULT> path in your preferences.
```

Or, if that was David's colorbar.pro that was intended, use
fsc_colorbar instead, which is just a new name, to avoid that problem.

Subject: Re: v8.1 Workbench Path problem?
Posted by [Mark Piper](#) on Wed, 27 Jul 2011 23:45:21 GMT
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I wouldn't advise putting other paths before <IDL_DEFAULT>. I'd recommend instead getting the latest version of COLORBAR (I think David has incorporated it into the CG library) or compiling your current version of COLORBAR in a startup file (see discussion in this thread: <https://groups.google.com/d/msg/comp.lang.idl-pvwave/6ibcyYf UXzA/huEi4vcEovAJ>).

mp
