
Subject: Re: Problem with Vcolorbar under IDL 8.0 ?
Posted by [David Fanning](#) on Thu, 24 Feb 2011 22:18:47 GMT
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George Millward writes:

```
> I'm using David Fanning's VColorbar__define.pro under IDL 8.0
> and it ain't working....
> It works fine under 7.1 .....I'm wondering if there is a problem
> or if the problem is me ;o)
>
> thisColorBar = Obj_New('VColorBar')
> thisModel->Add,thisColorBar
>
> gives me:
>
> 'Attempt to call undefined method Vcolorbar::position'
>
> I do have a large viewport defined.... but no idea whether this would
> cause a problem.....
>
> thisView = OBJ_NEW('IDLgrView', Color=[80,80,80],
> Viewplane_Rect=[0.,0.,1440.,900.],zclip=[20.,-10.])
>
> ...and like I say, works fine with 7.1
```

I guess I need more information. I just ran the Coyote Library routine `Select_Objects`, which uses a `VColorbar` object, in IDL 8 on my Windows machine and it ran fine.

Are you sure you are finding the right program?

```
IDL> Print, File_Which('vcolorbar__define.pro')
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

Subject: Re: Problem with Vcolorbar under IDL 8.0 ?
Posted by [George Millward](#) on Fri, 25 Feb 2011 03:54:52 GMT
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On Feb 24, 3:18 pm, David Fanning <n...@idlcoyote.com> wrote:

> George Millward writes:

>> I'm using David Fanning's VColorbar__define.pro under IDL 8.0

>> and it ain't working....

>> It works fine under 7.1I'm wondering if there is a problem

>> or if the problem is me ;o)

>

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>> thisModel->Add,thisColorBar

>

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>

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>> cause a problem.....

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>> thisView = OBJ_NEW('IDLgrView', Color=[80,80,80],

>> Viewplane_Rect=[0.,0.,1440.,900.],zclip=[20.,-10.])

>

>> ...and like I say, works fine with 7.1

>

> I guess I need more information. I just ran the Coyote

> Library routine Select_Objects, which uses a VColorbar

> object, in IDL 8 on my Windows machine and it ran fine.

>

> Are you sure you are finding the right program?

>

> IDL> Print, File_Which('vcolorbar__define.pro')

>

> Cheers,

>

> David

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

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

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

David,

Thanks for your help.... Yeh, 'finding the right program' is definitely an issue - and file_which is very useful.

...but no progress.

I have the same problem occurring with select_objects.pro... and everything seems to be referenced ok.

Are there any other programs to consider than the below ?

Cheers

George.

```
IDL> select_objects
% Compiled module: SELECT_OBJECTS.
% Compiled module: FSC_NORMALIZE.
% Compiled module: VCOLORBAR__DEFINE.
% VCOLORBAR::INIT: Attempt to call undefined method:
'VCOLORBAR::POSITION'.
% IDLGRMODEL::ADD: Invalid object reference: <NullObject>.
% Execution halted at: SELECT_OBJECTS  287 C:\Documents and Settings
\george\IDLWorkspace80\coyote\select_objects.pro
%          $MAIN$
IDL> Print, File_Which('select_objects.pro')
% Compiled module: FILE_WHICH.
C:\Documents and Settings\george\IDLWorkspace80\coyote
\select_objects.pro
IDL> Print, File_Which('vcolorbar__define.pro')
C:\Documents and Settings\george\IDLWorkspace80\coyote
\vcolorbar__define.pro
IDL> Print, File_Which('fsc_normalize.pro')
C:\Documents and Settings\george\IDLWorkspace80\coyote
\fsf_normalize.pro
```

Subject: Re: Problem with Vcolorbar under IDL 8.0 ?
Posted by [David Fanning](#) on Fri, 25 Feb 2011 04:18:01 GMT
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George Millward writes:

- > Thanks for your help.... Yeh, 'finding the right program' is
- > definitely an issue - and file_which is very useful.
- > ...but no progress.
- > I have the same problem occurring with select_objects.pro... and
- > everything seems to be referenced ok.
- > Are there any other programs to consider than the below ?

Well, I guess the next thing to be sure of is that we are talking about the same programs. Can you delete your current Coyote directory and download the latest to be sure we are both on the same page? I am concerned because the error message indicates a line that is in the *middle* of a command in my version of vcolorbar.

<http://www.idlcoyote.com/coyoteprograms.zip>

Updated just about 30 seconds ago. :-)

Try that and we will see where we are. IDL 8 caused a lot of problem with names and many libraries had to adapt, so...

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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Subject: Re: Problem with Vcolorbar under IDL 8.0 ?

Posted by [David Fanning](#) on Fri, 25 Feb 2011 04:21:52 GMT

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David Fanning writes:

> Try that and we will see where we are. IDL 8 caused
> a lot of problem with names and many libraries had
> to adapt, so...

Also, what kind of machine are you running this on?

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

Subject: Re: Problem with Vcolorbar under IDL 8.0 ?

Posted by [George Millward](#) on Fri, 25 Feb 2011 15:36:14 GMT

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On Feb 24, 9:21 pm, David Fanning <n...@idlcoyote.com> wrote:

> David Fanning writes:
>> Try that and we will see where we are. IDL 8 caused

>> a lot of problem with names and many libraries had
>> to adapt, so...
>
> Also, what kind of machine are you running this on?
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

David,

downloaded the latest - no improvement...

```
IDL> select_objects
% Compiled module: SELECT_OBJECTS.
% Compiled module: FSC_NORMALIZE.
% Compiled module: VCOLORBAR__DEFINE.
% VCOLORBAR::INIT: Attempt to call undefined method:
'VCOLORBAR::POSITION'.
% IDLGRMODEL::ADD: Invalid object reference: <NullObject>.
% Execution halted at: SELECT_OBJECTS  287 C:\Documents and Settings
\george\IDLWorkspace80\coyote_new\select_objects.pro
%          $MAIN$
IDL> Print, File_Which('select_objects.pro')
% Compiled module: FILE_WHICH.
C:\Documents and Settings\george\IDLWorkspace80\coyote_new
\select_objects.pro
IDL> Print, File_Which('vcolorbar__define.pro')
C:\Documents and Settings\george\IDLWorkspace80\coyote_new
\vcolorbar__define.pro
IDL> Print, File_Which('fsc_normalize.pro')
C:\Documents and Settings\george\IDLWorkspace80\coyote_new
\fsc_normalize.pro
```

I'm running IDL8.0.0 on Windows XP - not sure if that's an issue ?

Cheers

George.

Subject: Re: Problem with Vcolorbar under IDL 8.0 ?
Posted by [David Fanning](#) on Fri, 25 Feb 2011 16:08:30 GMT

George Millward writes:

> downloaded the latest - no improvement...

Well, it is a mystery. Here is a session in IDL 8.0.1
on my Windows 7, 64-bit machine:

```
IDL> .reset
```

```
IDL> obj = obj_new('vcolorbar')
% Compiled module: VCOLORBAR__DEFINE.
% Compiled module: FSC_NORMALIZE.
IDL> help, /source
Compiled Procedures:
$MAIN$
VCOLORBAR::CLAMP      C:\IDL\coyote\vcolorbar__define.pro
VCOLORBAR::CLEANUP    C:\IDL\coyote\vcolorbar__define.pro
VCOLORBAR::GETPROPERTY C:\IDL\coyote\vcolorbar__define.pro
VCOLORBAR::SETPROPERTY C:\IDL\coyote\vcolorbar__define.pro
VCOLORBAR__DEFINE     C:\IDL\coyote\vcolorbar__define.pro
```

```
Compiled Functions:
FSC_NORMALIZE      C:\IDL\coyote\fsc_normalize.pro
VCOLORBAR::INIT    C:\IDL\coyote\vcolorbar__define.pro
IDL> print, obj_valid(obj)
1
IDL> print, !version
{ x86_64 Win32 Windows Microsoft Windows 8.0.1 Oct  5 2010  64 64}
```

What do these commands look like for you?

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Problem with Vcolorbar under IDL 8.0 ?
Posted by [George Millward](#) on Fri, 25 Feb 2011 16:33:20 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Feb 25, 9:08 am, David Fanning <n...@idlcoyote.com> wrote:

```

> George Millward writes:
>> downloaded the latest - no improvement...
>
> Well, it is a mystery. Here is a session in IDL 8.0.1
> on my Windows 7, 64-bit machine:
>
> IDL> .reset
>
> IDL> obj = obj_new('vcolorbar')
> % Compiled module: VCOLORBAR__DEFINE.
> % Compiled module: FSC_NORMALIZE.
> IDL> help, /source
> Compiled Procedures:
> $MAIN$
> VCOLORBAR::CLAMP      C:\IDL\coyote\vcolorbar__define.pro
> VCOLORBAR::CLEANUP    C:\IDL\coyote\vcolorbar__define.pro
> VCOLORBAR::GETPROPERTY C:\IDL\coyote\vcolorbar__define.pro
> VCOLORBAR::SETPROPERTY C:\IDL\coyote\vcolorbar__define.pro
> VCOLORBAR__DEFINE     C:\IDL\coyote\vcolorbar__define.pro
>
> Compiled Functions:
> FSC_NORMALIZE         C:\IDL\coyote\fsc_normalize.pro
> VCOLORBAR::INIT       C:\IDL\coyote\vcolorbar__define.pro
> IDL> print, obj_valid(obj)
> 1
> IDL> print, !version
> { x86_64 Win32 Windows Microsoft Windows 8.0.1 Oct 5 2010 64 64}
>
> What do these commands look like for you?
>
> Cheers,
>
> David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

```

```

IDL> print, obj_valid(obj)
0
IDL> print, !version
{ x86 Win32 Windows Microsoft Windows 8.0 Jun 17 2010 32 64}

```

32 bit / 64 bit ??

Subject: Re: Problem with Vcolorbar under IDL 8.0 ?
Posted by [David Fanning](#) on Fri, 25 Feb 2011 16:36:04 GMT
[View Forum Message](#) <> [Reply to Message](#)

George Millward writes:

```
> IDL> print, obj_valid(obj)
>    0
> IDL> print, !version
> { x86 Win32 Windows Microsoft Windows 8.0 Jun 17 2010    32    64}
```

I guess the first thing I would try is get the IDL 8.0.1 update. That should be free. Lot's of problems with IDL 8.0. This could well be one of them.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
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Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Problem with Vcolorbar under IDL 8.0 ?
Posted by [George Millward](#) on Fri, 25 Feb 2011 18:38:07 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Feb 25, 9:36 am, David Fanning <n...@idlcoyote.com> wrote:

```
> George Millward writes:
>> IDL> print, obj_valid(obj)
>>    0
>> IDL> print, !version
>> { x86 Win32 Windows Microsoft Windows 8.0 Jun 17 2010    32    64}
>
> I guess the first thing I would try is get the IDL 8.0.1
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> Cheers,
>
> David
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```

- > Fanning Software Consulting, Inc.
- > Coyote's Guide to IDL Programming:<http://www.idlcoyote.com/>
- > Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Thanks David,

Yes, I'll do that and report back. I'm getting my machine rebuilt next week with Windows 7 - so that should be a good opportunity to get 8.0.1

Cheers

George.

Subject: Re: Problem with Vcolorbar under IDL 8.0 ?
Posted by [George Millward](#) on Tue, 15 Mar 2011 21:18:20 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Feb 25, 12:38 pm, George Millward <george.millw...@noaa.gov> wrote:
> On Feb 25, 9:36 am, David Fanning <n...@idlcoyote.com> wrote:
>
>
>
>> George Millward writes:
>>> IDL> print, obj_valid(obj)
>>> 0
>>> IDL> print, !version
>>> { x86 Win32 Windows Microsoft Windows 8.0 Jun 17 2010 32 64}
>
>> I guess the first thing I would try is get the IDL 8.0.1
>> update. That should be free. Lot's of problems with IDL 8.0.
>> This could well be one of them.
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>> Cheers,
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>> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
>
> Thanks David,
>
> Yes, I'll do that and report back. I'm getting my machine rebuilt
> next week with Windows 7 - so that should

> be a good opportunity to get 8.0.1
>
> Cheers
>
> George.

David,

I now have 8.0.1 and can report there are no more problems with
vcolorbar.

Apologies for the false tech support request.

Cheers

George.
