
Subject: Re: fatal error : double free or corruption (!prev)

Posted by [natha](#) on Thu, 26 Jan 2012 18:52:51 GMT

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Hey guys,

I found the problem. The problem occurs when I have 2 IDLgrModels referencing the same object using the keyword ALIAS. If I change the viewport of the view that contains the models, the clipboard cannot save the content of the window. It is a little bit complicated to explain but you can follow my example below.

Am I missing something here or this is a BUG ?

Thank you,
nata

PS I am under Linux. And I can reproduce the problem under IDL 7, 7.1.1 and 8.1

PRO CRASH_IDL, file

```
file = FILEPATH('IDLPoweredBy.jpg', $  
  SUBDIRECTORY = ['examples', 'mjpeg2000'])
```

```
image=READ_IMAGE(file)  
sz=SIZE(image,/DIM)
```

```
base=WIDGET_BASE(/COLUMN,TITLE=title, TLB_FRAME_ATTR=15)
```

```
draw=WIDGET_DRAW(base,XSIZE=sz[1],YSIZE=sz[2],GRAPHICS_LEVEL  
=2,RETAIN=0,RENDERER=1)
```

```
oview=OBJ_NEW('IDLgrView',VIEWPLANE_RECT=[0,0,sz[1],sz[2]],L  
OCATION=[0,0],DIMENSIONS=[sz[1],sz[2]])  
omodel1=OBJ_NEW('IDLgrModel')  
omodel2=OBJ_NEW('IDLgrModel')  
oview->Add, omodel1  
oview->Add, omodel2
```

```
oimage=OBJ_NEW('IDLgrImage',DIMENSIONS=[sz[1],sz[2]],LOCATIO N=[0,0],DATA=image)  
omodel1->Add, oimage, /ALIAS  
omodel2->Add, oimage, /ALIAS
```

```
WIDGET_CONTROL, base, /REALIZE
```

```
WIDGET_CONTROL, draw, GET_VALUE=owind
owind->SetProperty, QUALITY=2
owind->Draw, oview
```

```
oclipboard=OBJ_NEW('IDLgrClipboard',DIMENSIONS=[sz[1],sz[2]] )
oclipboard->Draw, oview, /POSTSCRIPT, /VECTOR, FILENAME='./test1.ps'
```

```
:: Change view viewport
viewplane=[sz[1]/4.,sz[2]/6,sz[1]*2/3.,sz[2]*2/3.]
oview->SetProperty, VIEWPLANE_RECT=viewplane
```

```
PRINT, viewplane
```

```
owind->Draw, oview
WAIT, 2
oclipboard->Draw, oview, /POSTSCRIPT, /VECTOR, FILENAME='./test2.ps'
```

```
OBJ_DESTROY, [oclipboard,owind,omodel1,omodel2,oimage,oview]
WIDGET_CONTROL, base, /DESTROY
```

```
END
```

Subject: Re: fatal error : double free or corruption (!prev)
Posted by [David Fanning](#) on Thu, 26 Jan 2012 19:01:00 GMT
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nata writes:

> I found the problem. The problem occurs when I have 2 IDLgrModels
> referencing the same object using the keyword ALIAS. If I change the
> viewport of the view that contains the models, the clipboard cannot
> save the content of the window. It is a little bit complicated to
> explain but you can follow my example below.
>
> Am I missing something here or this is a BUG ?

Definitely crashes my Windows machine, too. It looks like a bug to me. :-)

Cheers,

David

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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: fatal error : double free or corruption (!prev)
Posted by [natha](#) on Thu, 26 Jan 2012 19:02:38 GMT
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Ok, thank you David. I will report the bug !
