
Subject: Re: VTK + IDL

Posted by [David Fanning](#) on Wed, 25 Aug 2004 16:57:36 GMT

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Hee Chun writes:

```
> VTK is the Visualization Tool Kit from Http://www.kitware.com
> Maybe I am a beginner for IDL's object graphics. I tried the following
> code but the image is not good enough for my application.
>
> file = Filepath('head.dat',Subdirectory=['examples',$
>   'data'])
> volumeData = READ_BINARY(file, DATA_DIMS = [80, 100, 57])
> oVol = Obj_new('IDLgrVolume',volumeData,/Zbuff,Hints=2,/No_copy,/Zero_opacity_skip)
> -- normalization --
> oModel = Obj_new('IDLgrModel')
> oView = obj_new('IDLgrView', viewplane_rect=[-1.,-1.,2.5,2.5], $
>   color=[128,128,128],ZClip=[2.0,-2.0], Eye=60.0,Projection=2 )
>
> oModel ->Add, oVol;
> oView -> Add, oModel;
> oDrawWin -> Draw,oView;
>
> So, I come up with the idea calling VTK from IDL. What do I need to do
> more to display the image better?
```

If looks are what you are after, I would try setting the INTERPOLATE keyword on your volume object.

> If you know who is using IDL's object a lot, please let me know.

Why, *everyone* is using objects a lot. :-)

Cheers,

David

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