Subject: screen capture of xplot3d

Posted by kedmond on Fri, 24 Dec 2010 04:22:56 GMT

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Is there a function like tvrd() for xplot3d?

My goal is to automatically produce an animation of a rotating object, saving each frame as an image or into a TIFF stack, so that I can make a movie to show others.

I'm also interested in exporting the 3D data as a VRML file so that people can interact with it on the web.

Thanks.

Subject: Re: screen capture of xplot3d Posted by David Fanning on Sun, 02 Jan 2011 02:58:25 GMT View Forum Message <> Reply to Message

kedmond writes:

- > And I guess Ken Bowman is saying that I need to learn how to use
- > iTools in order to be able to do this programmaticly.

Well, I still think it can be done in less than a half hour by modifying the XPlot3D code itself. :-)

Cheers,

David

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David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/

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

Subject: Re: screen capture of xplot3d Posted by penteado on Sun, 02 Jan 2011 03:08:07 GMT View Forum Message <> Reply to Message

On Jan 2, 12:36 am, kedmond < kedm...@gmail.com > wrote:

- > I agree, it's easier to do what I want in plot3d.pro, but the surface
- > procedure that it uses to draw the plot symbols doesn't support IDL's

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> graphical objects...unless I'm mistaken. For example, for the really
> nice image I can make in xplot3d, I do something like the following
>
> oSphere1 = obj_new('orb', COLOR=coltet[*, 0], alpha_channel=alphaval)
> ...
> oSymbol1 = obj_new('IDLgrSymbol', oSphere1)
> ...
> xplot3d, x, y, z, symbol=[oSymbol1, oSymbol2 ... ]
> and I get the following:http://picasaweb.google.com/kedmond/IDLImages?feat =directlink
> So, for example, it'd be nice if that group of spheres, the 'orb'
> object, could rotate in an animation. That's what I'm trying to do.

Would it not be something like
p=plot3d(indgen(10),indgen(10),indgen(10),sym_object=orb(col or=[255,0,0],radius=3.0))
?
```

Subject: Re: screen capture of xplot3d Posted by kedmond on Sun, 02 Jan 2011 04:41:10 GMT View Forum Message <> Reply to Message

Dr. Fanning,

I've begun hacking around in the xplot3d.pro code itself, as you suggested. Hopefully I can figure it out. Thanks!

Paulo.

I am not sure which plot3d function you are talking about. Where do I get a copy? Thanks!

-Kazem

On Jan 1, 10:08 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:
> On Jan 2, 12:36 am, kedmond <kedm...@gmail.com> wrote:
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>
```

Subject: Re: screen capture of xplot3d Posted by penteado on Sun, 02 Jan 2011 07:49:54 GMT

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On Jan 2, 2:41 am, kedmond < kedm...@gmail.com > wrote:

- > I am not sure which plot3d function you are talking about. Where
- > do I get a copy? Thanks!

It is builtin (starting with IDL 8).

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Subject: Re: screen capture of xplot3d
Posted by kedmond on Sun, 02 Jan 2011 17:10:47 GMT
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On Jan 2, 2:49 am, Paulo Penteado <pp.pente...@gmail.com> wrote:
> On Jan 2, 2:41 am, kedmond <kedm...@gmail.com> wrote:
>
> I am not sure which plot3d function you are talking about. Where
>> do I get a copy? Thanks!
>
> It is builtin (starting with IDL 8).
```

Ooooh....I am using 7.0. Time to upgrade. Thank you! I'll try it

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-Kazem

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