
Subject: Re: screen capture of xplot3d

Posted by [kedmond](#) on Tue, 28 Dec 2010 16:34:49 GMT

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On Dec 24, 9:47 am, "Kenneth P. Bowman" <k-bow...@null.edu> wrote:

> In article

> <386e0532-6b16-437a-96c8-360e26ec9...@29g2000yqq.googlegroups.com> ,

> kedmond <kedm...@gmail.com> wrote:

>> 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.

>

> If you can use the iTools for your 3-D plotting, I have some simple

> routines to rotate views and capture a sequence of images.

>

> You can also save an iTools graphic. Anyone with IDL can open it,

> but it doesn't really solve the web sharing problem.

>

> Ken Bowman

iTools:

I have limited experience with iTools. But if iTools can be run from a command-line, to be automated, then I'd be happy to use iTools.

Using Plot instead:

The reason I'm not using the plot_3dbox function is because I like the 3D lighting/shading that you get with the 'orb' object type. I'd be happy to use plot_3dbox, or whatever other function, if I could recreate the cool shading and alpha-channel effects you can get with xplot3d. I really just want to make animations of xplot3d plots being rotated.

VRML:

Yeah, VRML is super old, but xplot3d can export to it. Maybe I shouldn't use it, and that's fine too. Ideally I'd create a 3D object in xplot3d that I could use in PowerPoint, or the web, or somewhere else, to share with my collaborators. It's not a big deal.

Thanks for the replies!

-Kazem
