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Subject: Re: linked views in an itool?

Posted by [Michael Galloy](#) on Thu, 17 Jun 2010 16:51:22 GMT

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On 6/17/10 7:13 AM, Kenneth P. Bowman wrote:

> In article

> <d5cc7511-2c6e-453c-99b1-700975031b1f@t10g2000yqg.googlegroups.com> ,

> "Jeff N."<jeffnettles4870@gmail.com> wrote:

>

>> On Jun 16, 5:07 pm, "Kenneth P. Bowman"<k-bow...@null.edu> wrote:

>>> In article

>>> <fe89fd85-3c0e-4191-9447-7e249111d...@30g2000vbf.googlegroups.com > ,

>>> "Jeff N."<jeffnettles4...@gmail.com> wrote:

>>>

>>>> Folks,

>>>

>>>> I'm slowly but surely starting to use itools. The part that i'm  
>>>> struggling with now is that i'd like to have an isurface with two  
>>>> surface plots in it (two views i'm assuming) such that if i take my  
>>>> mouse and rotate one of the plots, the other one is also rotated the  
>>>> same way. Is this easy to do? I can't seem to find anything in the  
>>>> properties dialogs or help file that gives me a hint.

>>>

>>>> Jeff

>>>

>>> You can use the OVERPLOT keyword to add a second ISURFACE to the  
>>> plot using the existing coordinate system. It is part of the same  
>>> plot and rotates, scales, etc. as a whole.

>>>

>>> In fact, although the iTools have different names (IPLOT, ISURFACE,  
>>> ICONTOUR, etc.), it is really just one tool. We have an application  
>>> that creates a 3-D plot using ISURFACE, to which we add a 3-D  
>>> volume data set for isosurface rendering using IVOLUME, plus various  
>>> point and line objects using IPLOT.

>>>

>>> Ken Bowman

>>

>> Thanks Ken.

>>

>> Using OVERPLOT puts two surfaces in one plot...which would probably be  
>> the exact thing i would want to do in most cases. For this one case  
>> though, i need to have two different plots in the same itool. I can  
>> probably get by with just rotating one, then rotating the other  
>> without too much fuss - it's for a live demo, though, so i thought  
>> it'd be slick to have the two plots rotating at the same time when you  
>> just use the mouse on one - going for style points here :)

>

> Ahh, I see what you are trying to do (cool idea). I am reasonably

> certain this could be accomplished, but don't have the faintest  
> idea how. :-(  
>  
> Ken

Yes, I know this is possible (since if you draw a line profile on an image a similar linked display is created), but I don't know how to do it. I would check the code for the line profile operation for hints.

Mike

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