Subject: Re: Axes etc. in XVOLUME
Posted by aardvark62 on Thu, 26 Feb 2004 22:36:39 GMT
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Hi Kenneth,

I put a Visio diagram on my webpage today. (www.paulsorenson.com)
The diagram outlines IDLex classes, which underlie XVOLUME. The
diagram is under the link entitled "XOBJVIEW:Under The Hood." That
might be of some help if/when you are looking at the XVOLUME code.

-Paul Sorenson

Kenneth Bowman <k-bowman@null.tamu.edu> wrote in message
news:<k-bowman-D91D8E.11402118022004@news.tamu.edu>...
> I need to do some volume visualization, so I have been playing with
> XVOLUME.
>
> Like many built-in IDL routines, XVOLUME assumes that the user is happy
> with "coordinate axes" whose units are array indices. This makes it
> useful for producing art, but not scientific graphs. I would like to
> provide coordinate values and names (not just "X"). It would also be
> nice to know just which isosurface is being rendered.
>
> Has anyone made the necessary modifications to XVOLUME to do either of
> these things? I have looked at the XVOLUME code and rapidly found
> myself lost among the objects.
>
> BTW, what does the 'Select' button do? I can select something in the
> plot, but then what?
>
> I briefly tried iVolume, but I rapidly ended up with all of the buttons
> grayed out, unable to do anything. That program has me completely
> baffled.
>
> Ken Bowman