Subject: Re: volume() command

Posted by Mark Piper on Mon, 25 Mar 2013 20:36:40 GMT

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On Saturday, March 23, 2013 5:42:27 PM UTC-6, David Grier wrote:
> Volumetric rendering being one of the things that IDL does better than Matlab or python's
>
> matplotlib, it might seem surprising that IDL does not have a volume() function analogous to the other
>
> function graphics routines. In fact, IDL's function graphics system actually can create
>
> a volumetric rendering analogous to the iTools ivolume routine, but with better programmability.
>
> To create a volume,
>
>
>
> IDL> graphic, 'volume', data, _extra = ex, graphic = vol
>
>
>
> DATA should be a [nx, ny, nz] volumetric data set.
>
> VOL is the resulting object.
>
> Keywords are passed through the extra mechanism.
>
>
>
> To learn what properties are available,
>
> IDL> itpropertyreport, vol.gettool(), igetid('volume')
>
>
>
> Although this procedure yields a full-fledged function graphics object, it has some compatibility
>
> quirks when used in combination with image() and plot() commands. It would be nice if IDL's
>
> developers were to box up and document a well-integrated implementation of volume().
>
>
>
> Just my 2 cents,
>
>
>

> David

Hi David,

VOLUME may make it into 8.2.3. If not, it'll be in 8.3.

mp