Subject: Re: 3D VOLUME VISUALIZATION
Posted by Dick Jackson on Thu, 20 Feb 2003 16:34:03 GMT
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"MC" <markchan@shaw.ca> wrote in message
news:N9Z4a.285092$Yo4.11083327@news1.calgary.shaw.ca...
> A=array[100,80,160]
> containing 0,1,2,3,10.
> The numbers represent different materials within a solid.
>
> Will like to visualize it in 3D.
>
> Any suggestion on either program/code fragment which will produce nice
> visualization? Also to do various cutting and slicing?
>
> Tried XVOLUME but doesn't work (?) - got black screen.
>
> Thanks,
> Mark

Hi Mark,

XVolume works pretty well if the data values use more of the 0-255
range.

This is a random mix of the 0,1,2,3,10 values:

```
a = ([0B,1B,2B,3B,10B])[byte(randomu(seed,100,80,160)*5)]

XVolume, a     ; Doesn't look like much
XVolume, a*25  ; Is much easier to work with
```

You have to work with Color and Opacity to really show it off, but does
this show up for you with what looks like a block of granite?

Cheers,
--
-Dick

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