
Subject: Idl does simple things

Posted by [SAF%MPEBV2](#) on Wed, 07 Sep 1994 16:36:32 GMT

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In article <1994Aug24.143231.8722@fys.ruu.nl> hartman@fys.ruu.nl (Jan Willem Hartman) writes:

> ..or rather, probably, why can't I make IDL do simple things..

>

> This is what I want: I have this bunch of data: x,y,z. So I want IDL

> to plot just these points (eventually the points may be connected, but

> let's not get too difficult) in 3D. So just like SURFACE, but with no

> surface. Any idea??? Thanks in advance...

> JanWillem Hartman.

>

try the following:

```
points=bytarr(nx,ny,nz) ;dimensions of the volume you want to plot in
```

```
                ;your points, maybe (max(x)-min(x))/100. and so on
```

```
intensity=200b      ;or intensity of each single point
```

```
for i=0,n_elements(x)-1 do points(x(i),y(i),z(i))=intensity
```

```
common volume_data,a
```

```
a=points
```

```
slicer
```

```
end
```

the SLICER procedure is very convenient to display in 3d, you can find the source code in the userlib to modify it for your special application for instance to use tvrd to get hardcopies

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