
Subject: Re: Plotting 3D array as a 'cloud'

Posted by [Matt Francis](#) on Mon, 10 Oct 2011 00:41:23 GMT

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I'm not sure about IDL, I have never used it in this way, but you may be interested in S2plot <http://astronomy.swin.edu.au/s2plot> if IDL proves to not have the features you are after.

On Oct 10, 8:22 am, Robin Wilson <ro...@rtwilson.com> wrote:

> Hi all,

>

> I've got a 3D array in IDL that contains a model of a cloud - that is,
> each cell is either 0 (not cloud) or 1 (cloud). I'd like to plot this in
> a 3D way, so that it looks like a cloud. I'm not quite sure how else to
> describe it - but I'd like to be able to see the cloud as a 3D model -
> so it just looks like a cloud shaped 'blob' - if possible one that can
> be rotated.

>

> I'm not quite sure how to go about this. I don't want to do a surface
> plot - because I want all sides of the cloud not just the top surface. I
> guess some sort of 3D point plot would be ok, but I want to see the
> cloud as a solid blob, not as points with gaps between them.

>

> I'm a little confused by the range of IDL procedures which can be used
> to plot things like this, and am not really sure which is best to try
> and use.

>

> Any suggestions?

>

> Cheers,

>

> Robin

>

> -----

> Robin Wilson

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