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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](mailto: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  
> A PhD student studying complexity in remote sensing [www.rtwilson.com/academic](http://www.rtwilson.com/academic)

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