Subject: 3d-polar
Posted by David Miller on Wed, 27 Oct 1999 07:00:00 GMT
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I have a dataset collected using a scanning lidar (laser radar) looking up from the ground. The scan is conical. The data is in a 2-D array (x-time, y-range) and I want to 'overlay' the data on a 3-D cone to show how the data is in reality.

Any suggestions on how to do this (using IDL of course)?

Thanks,
Dave

Subject: Re: 3d-polar
Posted by David Miller on Thu, 28 Oct 1999 07:00:00 GMT
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Any hints on how to set up the 3-D cone polygon? Don't I need vertices in order to overlay an image?

Thanks,
Dave

David Fanning <davidf@dfanning.com> wrote in message news:MPG.1281cb243322e5c7989920@news.frii.com...
> David Miller (millerdo@erols.com) writes:
>
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>
> I think I would do this in object graphics by creating
> the 3D cone as a polygon object. You could easily
> (one command) drape the 2D array onto the polygon
> object as a texture map. With object graphics you
> will have the added capability of rotating the
> object interactively in 3D space.
>
> Cheers,
>

> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting
> Phone: 970-221-0438 E-Mail: davidf@dfanning.com
> Coyote's Guide to IDL Programming: http://www.dfanning.com/
> Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: 3d-polar
Posted by ronn on Thu, 28 Oct 1999 07:00:00 GMT
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In article <MPG.1281cb243322e5c7989920@news.frii.com>,
davidf@dfanning.com (David Fanning) wrote:
> David Miller (millerdo@erols.com) writes:
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>
If you want an example of how to do this go to my web site at
http://www.rlkling.com/freeware/objects.htm
and download the meshObjectDemo zip file. All the code you need is
there, and it is even commented!

-Ronn
--
Ronn Kling
Ronn Kling Consulting
www.rlkling.com

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Subject: Re: 3d-polar
Posted by davidf on Thu, 28 Oct 1999 07:00:00 GMT
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David Miller (millerdo@erols.com) writes:

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