Subject: Re: plotting one point with plot3d()
Posted by Mark Piper on Wed, 06 Mar 2013 16:25:16 GMT

On Sunday, March 3, 2013 7:19:49 AM UTC-7, David Grier wrote:
> In making an animation, I wanted to move a single point around a three-dimensional
>
> plot, and ran into a bug in IDL 8.2.2. It turns out that it's possible to plot a single point
>
> with plot3d():
>
>
>
> IDL> p = plot3d([1], [2], [3], symbol = "o")
>
>
>
> It is not possible, however, to update that point:
>
>
>
> IDL> p.putdata, [2], [3], [4]
>
> % Attempt to subscript SZDIMS with <LONG   (1)> is out of range.
>
>
>
> The two-dimensional equivalent works just fine with plot().
>
> I've found a kludgy work-around, but just thought I'd mention the bug.
>
> It also would be nice if plot() and plot3d() would accept scalar x, y, and z arguments
>
> for the special case of plotting just one point.
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>
> All the best,
>
>
>
> David

Done! Eddie fixed this yesterday; it'll be in 8.2.3.

mp