
Subject: Re: plotting one point with plot3d()
Posted by [dg86](#) on Fri, 08 Mar 2013 00:19:39 GMT
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On Wednesday, March 6, 2013 11:25:16 AM UTC-5, Mark Piper wrote:

> 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
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>
>> plot, and ran into a bug in IDL 8.2.2. It turns out that it's possible to plot a single point
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>>
>
>> with plot3d():
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>
>> IDL> p = plot3d([1], [2], [3], symbol = "o")
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>
>> It is not possible, however, to update that point:
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>
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>
>> IDL> p.putdata, [2], [3], [4]
>
>>
>
>> % Attempt to subscript SZDIMS with <LONG (1)> is out of range.
>
>>
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>>

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>
>> The two-dimensional equivalent works just fine with plot().
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>
>> I've found a kludgy work-around, but just thought I'd mention the bug.
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>
>> It also would be nice if plot() and plot3d() would accept scalar x, y, and z arguments
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>
>> for the special case of plotting just one point.
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>
>> All the best,
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>
>> David
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>
> Done! Eddie fixed this yesterday; it'll be in 8.2.3.
>
>
>
> mp

Outstanding! Many thanks,

David
