
Subject: Re: 3D plot of set of curves

Posted by [Paul Van Delst\[1\]](#) on Tue, 25 May 2004 19:46:33 GMT

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Timm Weitkamp wrote:

> On 24.05.04 at 17:33 -0600, David Fanning wrote:

>

>

>> Timm Weitkamp writes:

>>

>>

>>> I have a set of curves -- say, the values are in a 2D array "Z" -- and

>>> would like to make a nice-looking graph something like this hand-drawn

>>> sketch:

>>>

>>> <http://tinyurl.com/36frg>

>>>

>>> [...]

>

>

>> Is there a built-in IDL routine to do it? I don't

>> think so. I've never seen one. Can I imagine writing such

>> a routine? Yes. I'd definitely do it in object graphics,

>> because the 3D part of it will be much easier, and you

>> will be able to rotate it, which will make it easier for

>> the user to see different parts of it.

>

>

> It finally turned out not to be so hard, yet without any object graphics.

> The T3D mechanism provides enough rotation functionality for my purposes.

>

> Below is the code I am now using. Poorly documented, unreliable, no

> _EXTRAS, etc. But it does what I want. And there is an example at the end,

> for whoever may want to look at it :-)

Oh my! Well done. That's a direct graphics tool that's going into my /user_contrib directory. (I have a crontab script to purge any object graphics code that may inadvertently sneak in :o)

paulv
