Subject: Re: How to shade area between two lines
Posted by David Fanning on Thu, 21 Mar 2002 20:02:10 GMT
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Charlie Zender (zender@uci.edu) writes:

> I have two lines on an xy plot. The horizontal axis is time.
> One line is always above the other.
> I would like to greyshade the area in between the lines.
> How can this be done?

Will PolyFill.

> polyfill treats my vertices like a polygon,
> and I do not want the last point connected to the first point.

I don't understand what this means. Here is an example
that seems to do what you want.

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************************************************************ **
PRO Example

  ; Create some data

y1 = [ 1, 3, 2, 5, 6, 9]
y2 = [ 3, 6, 7, 6, 8, 10]
x1 = Indgen(6) + 1
x2 = Indgen(6) + 1

  ; Load some colors.

TVLCT, [125, 255, 0], [125,255, 255], [125, 0, 0], 100
Device, Decomposed=0

  ; Draw the plot, fill the area between lines with gray.

Plot, x1, y1, /NoData, XRange=[0,10], XStyle=1
Polyfill, [x1, Reverse(x2)], [y1, Reverse(y2)], Color=100
OPlot, x1, y1, Color=101
Oplot, x2, y2, Color=102

END
************************************************************ **
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Cheers,

David
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