
Subject: Re: overplotting with a new axis
Posted by [davidf](#) on Tue, 17 Mar 1998 08:00:00 GMT
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David Mottershead (DMottershead@mhl.nsw.gov.au) writes:

> Is there a way to overplot two lots of data using two different x-axes.

To modify the code just slightly from page 31 in my book:

```
curve1 = LoadData(1)
curve2 = Findgen(50)
curve2 = Sin(curve2/5)/Exp(curve2/50) * 15 + 15
Plot, curve1, XStyle=8, XTitle='Solid Line Axis', $
    Position=[0.1, 0.15, 0.95, 0.9]
Axis, XAxis=1, XRange=[0,50], /Save, XTitle='Dashed Line Axis'
OPlot, curve2, LineStyle=2
```

The key is the SAVE keyword on the AXIS command. You want to make sure that when you OPLOT the second curve that you use the scaling parameters from the correct axis.

Cheers,

David

David Fanning, Ph.D.
Fanning Software Consulting
E-Mail: davidf@dfanning.com
Phone: 970-221-0438
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
