
Subject: Error Bar Thoughts

Posted by [David Fanning](#) on Wed, 02 Feb 2011 17:50:24 GMT

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Folks,

Since I am parallelized in uncertainty as I look at my growing list of things to do, I've decided to blow off some steam by doing something fun. I've decided to add error bars to my `cgPlot` routine. (Fun *and* it knocks an item off my list!)

But, here is my dilemma. I don't typically use error bars. :-(

So here is my question. How would people (presumably those people who DO use error bars, please!) want to specify the location of the high and low locations of the bar? As an offset from the data point?

```
data = 5
errlow = 0.1
errhigh = 0.2
```

As a data value itself?

```
data = 5
errlow = 4.9
errhigh = 5.2
```

What is the usual thing? Do I need an `ERROFFSET` flag to indicate one or the other?

Please reply soon. I have nothing else to do. :-(

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
