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Subject: Re: Frustrated by 2 Data Plotting problems  
Posted by [almost\\_like\\_a\\_metapho](#) on Tue, 31 May 2011 20:30:07 GMT  
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On May 27, 2:28 pm, David Fanning <n...@idlcoyote.com> wrote:

- > I don't have any problem with scatterplots. I'm
- > just saying that you can't realistically "see"
- > 4 million points on a line plot unless your
- > monitor is the size of, say, the Vietnam
- > Memorial wall!

Well, a cinema display would go most of the way...

I'll grant you that some of this data does indeed overlap, and it is indeed at least part of the point to identify some of the overlapping locations. Additionally, I do intend to slice the data into smaller sections and mask it in various ways.

This is meant to be a quick and somewhat dirty display of a large data set. the worry about taking a percentage, or an 'every x points' is that some variability that I want to identify makes x occasionally equal to 1. 1% would also significantly under-represent my data. Though I'm going to experiment with 1/2 and 1/4. It really turns out that the limiting factor in this particular problem is file i/o as opposed to rendering speed.

On the other hand, I have finer displays in mind for data subsets.

N

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