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Subject: Double tickmark annotations

Posted by [Shawn L. Young](#) on Wed, 25 Oct 2000 07:00:00 GMT

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Hello,

I would like to know how to give more than one name to a each tickmark along the x axis. For instance, I want to list both a satellite's latitude and radial distance from the center of the Earth along the x axis. However, I don't know ahead of time how these two quantities correlate so I can't hardwire tick names using `xtickname`. Is there a way to give the plot routine both arrays and have it determine the ticknames? If not, the help file is very brief on the use of `xtickname`. If I knew how IDL chose where to put the ticknames I might be able to write code to do the correlating on the fly. But when I am using a > 500 element array for the x axis and want to be sure that I am doing the best correlation I can between array elements and `xtickname` elements.

Thanks

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