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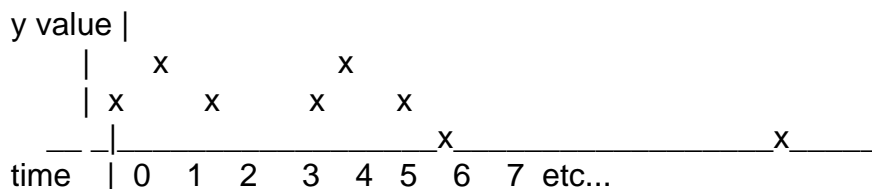
Subject: Re: PLOT question

Posted by [Stuart Colley](#) on Thu, 21 Dec 2000 11:46:32 GMT

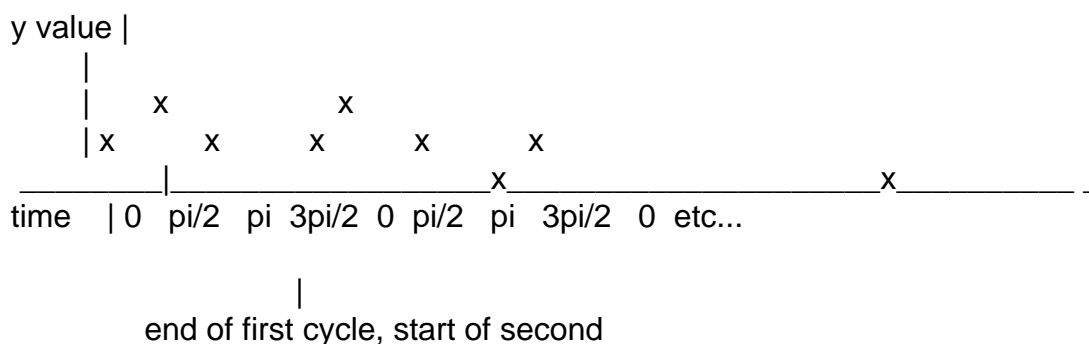
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Maybe a small example will be of help - hopefully it will be a bit clearer than my first message. Imagine a periodic signal (sin wave for example) and we are plotting more than one cycle, Normally the signal would be plotted as a function of time, e.g:



What I want to do is swap time for phase angle, so the phase is somewhere between 0 -  $2\pi$ , but the problem is that the phase angle repeats, so what I was looking for on the axis was something like:



What I'll probably do is use `xtickv` and `xtickname` to set the ticks, since as far as I can tell, you MUST 'plot, t, y' to get the plot right, 'plot, phase, y' results in the data being merged together and only one cycle being plotted.

The reason I sent the first post - I was wondering if there was an easier way than `xtickv/xtickname` since it can't automatically choose the tick values like PLOT can, and isn't so flexible when I'm trying to write a general purpose routine. Time for some more code I think....

cheers,  
S

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