Subject: Re: Time-Series problem
Posted by llobet on Tue, 31 May 1994 16:25:30 GMT
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In article <Cqo30t.5p2@festival.ed.ac.uk>, esc@met.ed.ac.uk (E Carr) writes:

=OK, I'm running a time-series program
=e.g.
=----------
=Pro test

=X=[1,2,3,6,7,8,12,13,14]
=Y=[2.3,2.7,3.6,3.2,3.05,3.24,3.132,2.1,3.4]

=plot,X,Y
=end
=----------

=Ideally I would like three seperate lines so
=as to make clear the missing values at X=4,5,9,10,11.
=I know I can use "oplot" in the example above

=i.e.
=X1=[1,2,3]
=Y1=[2.3,2.7,3.6]

=plot,X1,Y1
=oplot.....
=olpot.....

=but my time-series is much bigger than this.
=I also don't want to use the "psym= n" keyword.
=I'D LIKE CONTINOUS LINES JOINING ADJACENT POINTS
=AND GAPS IN BETWEEN.

=Any ideas would be much appreciated

=Ewan

Try this:

x=[1,2,3,6,7,8,12,13,14]
y=[2.3,2.7,3.6,3.2,3.05,3.24,3.132,2.1,3.4]

xmax=max(x)
ymax=max(y)
xi=indgen(xmax)+1
z=replicate(ymax+10,xmax)

z(x-1)=y
plot,xi,z,max=ymax+1

Hope it helps.

-xavier