Subject: Plotting GSHHS coastline data in IDL
Posted by liamgumley on Thu, 02 Feb 2006 17:49:11 GMT
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Andrew Cool recently asked me for a copy of an IDL procedure I wrote a
while ago to plot GSHHS coastline data, i.e.,

http://www.ngdc.noaa.gov/mgg/shorelines/gshhs.html

The GSHHS plotting routine for IDL is now available at

ftp://ftp.ssec.wisc.edu/pub/gumley/IDL/gshhs/

The plotting routine is named gshhs_plot.pro, and it works with both
map_set and map_proj_init map projections. The routine named
gshhs_example.pro shows examples of how to use the plotting routine.

Let me know if you have any questions.

Cheers,
Liam.
Practical IDL Programming
http://www.gumley.com/

Subject: Re: plotting
Posted by news.verizon.net on Sat, 05 Aug 2006 19:14:42 GMT
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Amanda wrote:
> I have a file of 103 redshift values and I want to plot them on the x
> axis against the number of times that each one occurs on the y axis.

This is the definition of a histogram.   You will want to use HISTOGRAM
function, and plot the histogram of the redshift vector.

If you are going to be using IDL for astronomy, then you might want
someone (the same person whot told you about readcol.pro) help you
download the entire IDL astronomy library so that you have access to
all the procedures in it.   Then if you have a file, say
'redshift.dat', with 103 redshift values, the following two commands
will plot a histogram of the redshift values.

IDL> readcol,'redshift.dat', z   ;Read the redshift values from the
file
IDL> plothist, z, bin=0.1   ;plot a histogram with a binning of
0.1 in redshift space

--Wayne Landsman