

GNUplot

This is a UNIX utility which is used to represent graphical data.

[GNUplot](#) is not an external C library but in fact is a standalone program for making graphs and figures. I include it here because it is a popular UNIX tool that you will likely see in your C travels. The [Apophenia](#) library and the accompanying book [Modeling With Data](#) include lots of examples of using GNUplot to graphically visualize data, and fitted statistical models.

There is also good online [documentation](#), [tutorials and help](#) and [demos](#) of GNUplot functionality. Anything you can do with Matlab, Python/Matplotlib, R, etc you can likely also do in GNUplot.

These libraries have allowed C to become much more flexible and diverse in its functionality. Another feature of C that makes it stand out is its ability to facilitate parallel programming. The next chapter deals with everything related to this approach to programming.