Plotting System

The core plotting and graphics engine in R is encapsulated in the following packages:

- *graphics*: contains plotting functions for the "base" graphing systems, including `plot`, `hist`, `boxplot` and many others.

- *grDevices*: contains all the code implementing the various graphics devices, including X11, PDF, PostScript, PNG, etc.

The lattice plotting system is implemented using the following packages:

- *lattice*: contains code for producing Trellis graphics, which are independent of the "base" graphics system; includes functions like `xyplot`, `bwplot`, `levelplot`

- *grid*: implements a different graphing system independent of the "base" system; the *lattice* package builds on top of *grid*; we seldom call functions from the *grid* package directly