

# The Lattice Plotting System

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 `xypplot`, `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
- The lattice plotting system does not have a "two-phase" aspect with separate plotting and annotation like in base plotting
- All plotting/annotation is done at once with a single function call