

Plots

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pluralsight 
hardcore dev and IT training

Module Overview

R Graphics Systems

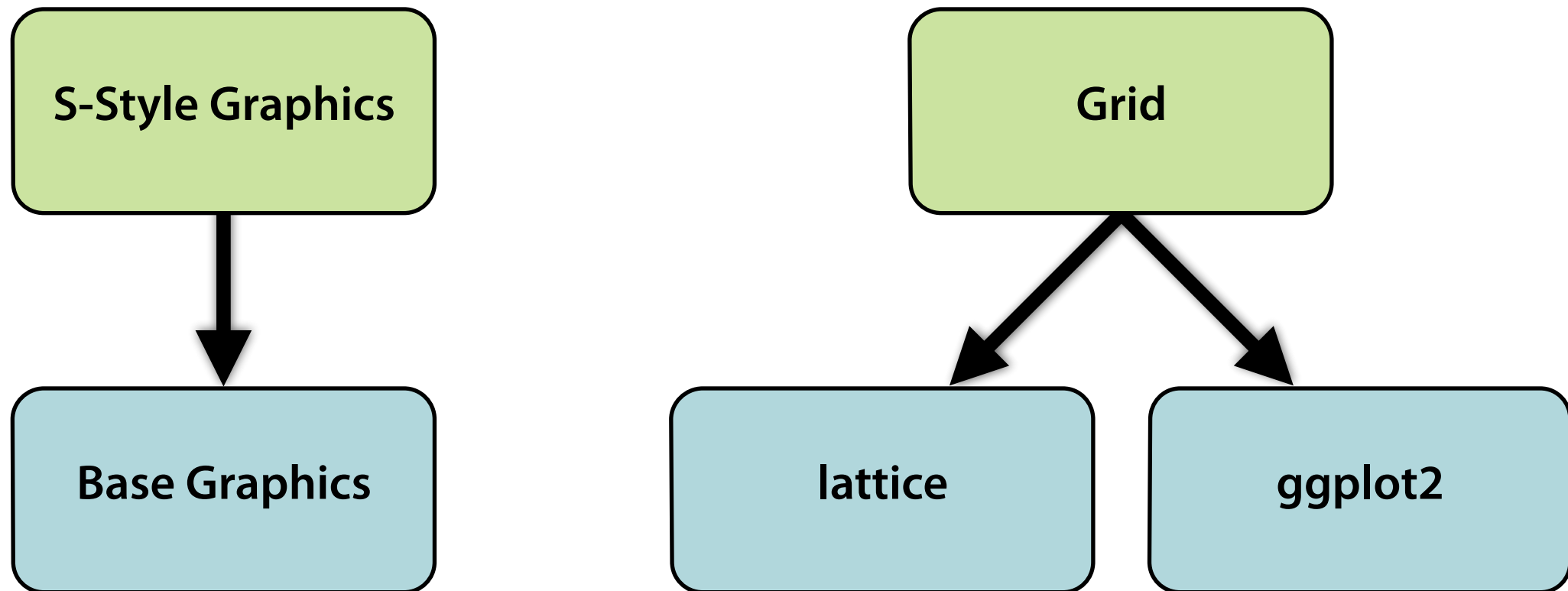
Base Graphics

Lattice

Ggplot2

Future Directions

R Graphics Systems



Base Graphics



S-Style Graphics: Pen and paper model.



No way to delete/
update.



Fast. Limited
capabilities.

The lattice Package



Built on the grid package.



Grid “grobs”: objects that can be modified independent of a plot

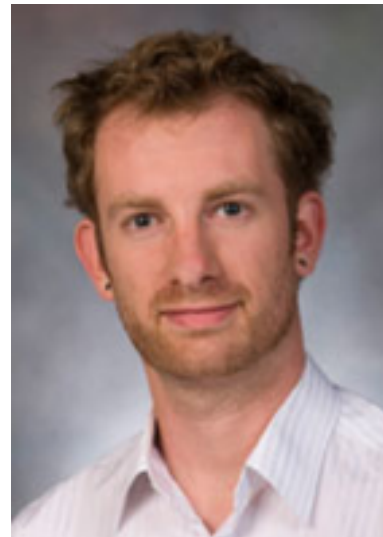


Similar to the trellis graphics system.

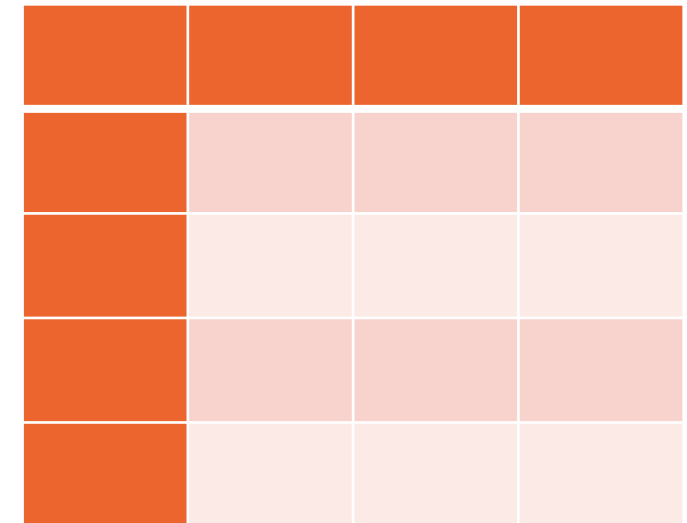
The ggplot2 Package



Built on the grid
package and based on
a Grammar of Graphics

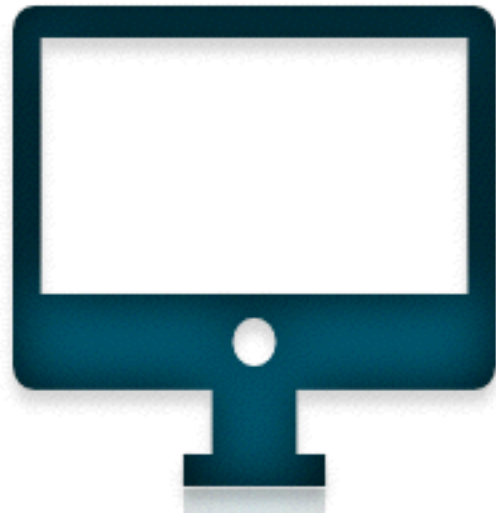


By Hadley Wickham



Data frame-centric

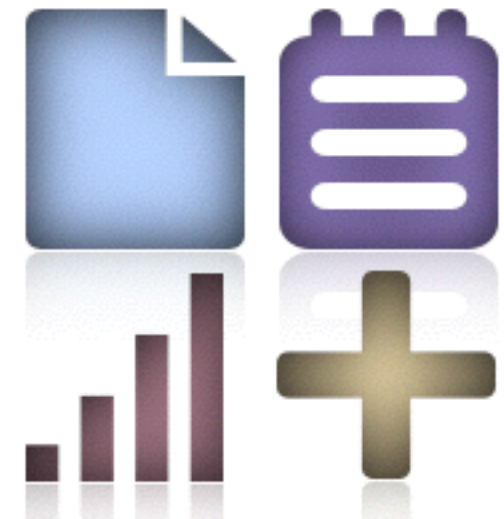
Future Directions



Web-based



Interactive



Reports and Beyond

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Future Directions