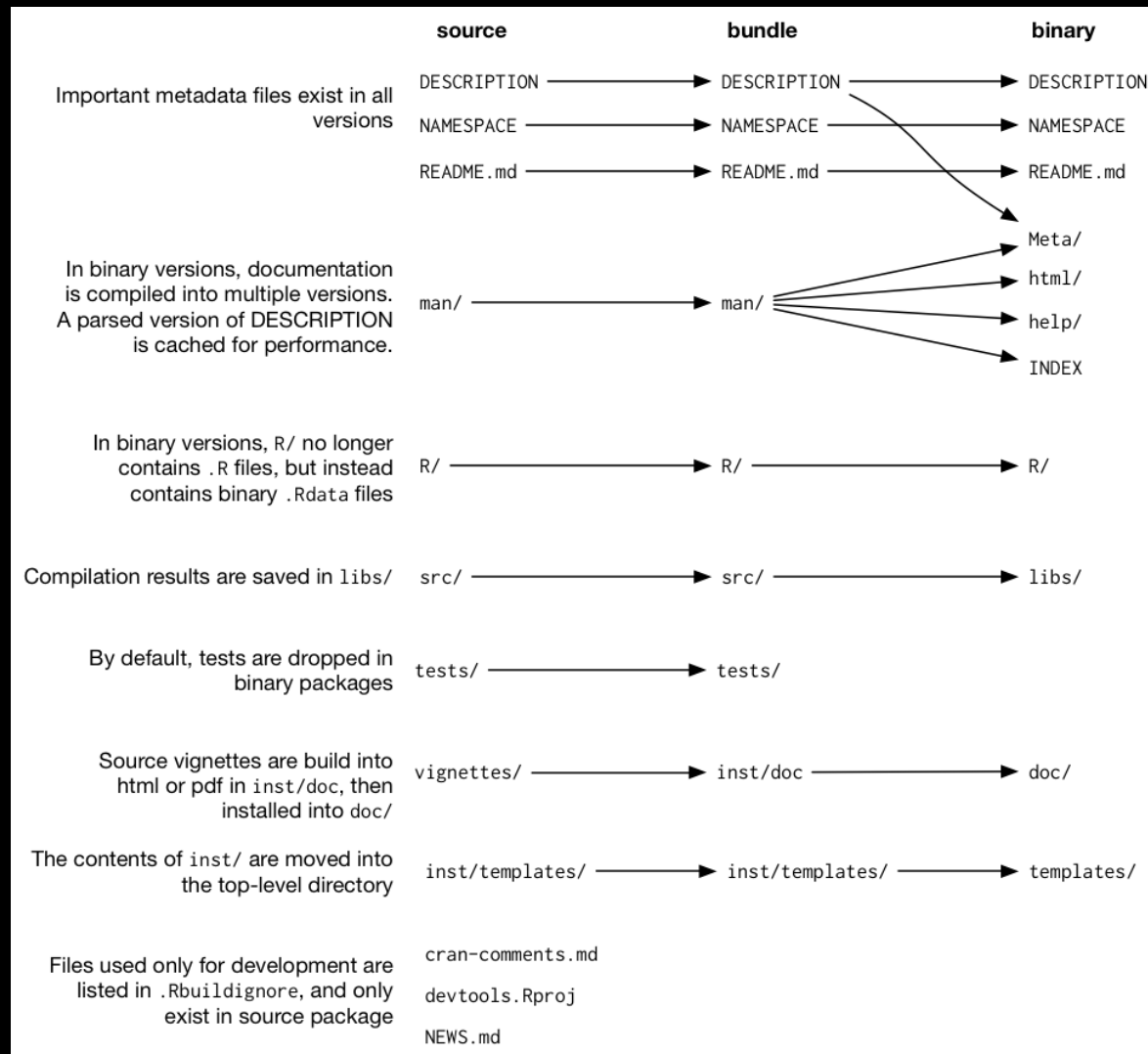# Geospatial Analysis with R

## Class 2

```r
library(ggmap)
gkey <- "AIzaSyC7lsd9Je47G2fE1mfICQYXvXBw9WnKcA4"
load("external/data/gkey.rda")
m <- get_googlemap(center = c(-71.8229, 42.2511), zoom = 17, maptype = "hybrid",
                   key = gkey)
mp <- ggmap(m, extent = "device")
ggsave(filename = "inst/slides/figures/clark.png", plot = mp,
       bg = "transparent", width = 4, height = 4, units = "in", dpi = 300)
```

- Installation progress/trouble-shooting

- `R` packages
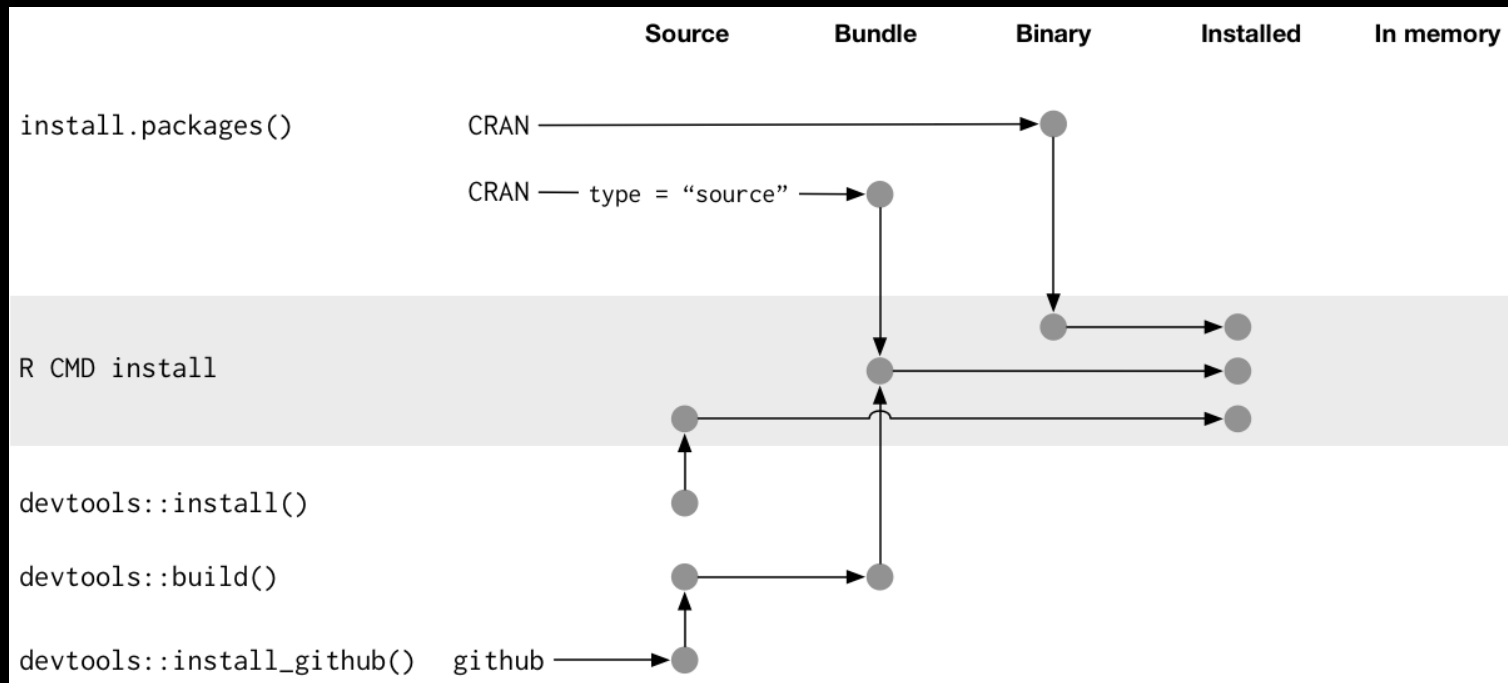
- `git` / GitHub

- Tips and tricks for productivity

# R packages

- File structure

- Where packages live

- library versus package

- Exported functions, loading packages

# Types of packages

# Installing packages



http://r-pkgs.had.co.nz/package.html

# git / GitHub

- Commits, pushes, pulls

- Branching

- Merging

# Tips and Tricks

- Tab completion and shortcuts

- Reusing code

- Code syntax

- Posting guide