Notes 4/24/19

Continuation

* Package States
  + Source
    - Raw, original package, your file “package/”
  + Bundled Package
    - After building your package with a build function
    - Everything in source is merged and compressed into a bundle
    - Ready to be used
  + Binary
    - Binary state, depends on if you’re working with Mac or Windows
  + Installed
    - Downloaded onto computer of people who install your package
  + Memory
    - When your users run library(“package”)
* We will use the package ***devtools*** to check documentation, run tests, knit vignettes, build the bundle, check, and install the binary
  + Save them in main file package/ under devtools-flow.R

R build ignore file

* Can tell devtools to ignore by:
  + devtools-flow.R

Tests

* devtools::use\_test() creates:

tests/

testthat/

test-something.R

testthat.R

* run with devtools::test()

Vignettes

* devtools::use\_vignette(name = “XYZ”) creates:

vignettes/

XYZ.Rmd

* run with devtools::build\_vignettes()