

ADDINS & GADGETS

RSTUDIO – SEPT 29, 2016

RStudio

HELLO

my name is

Phil

HELLO

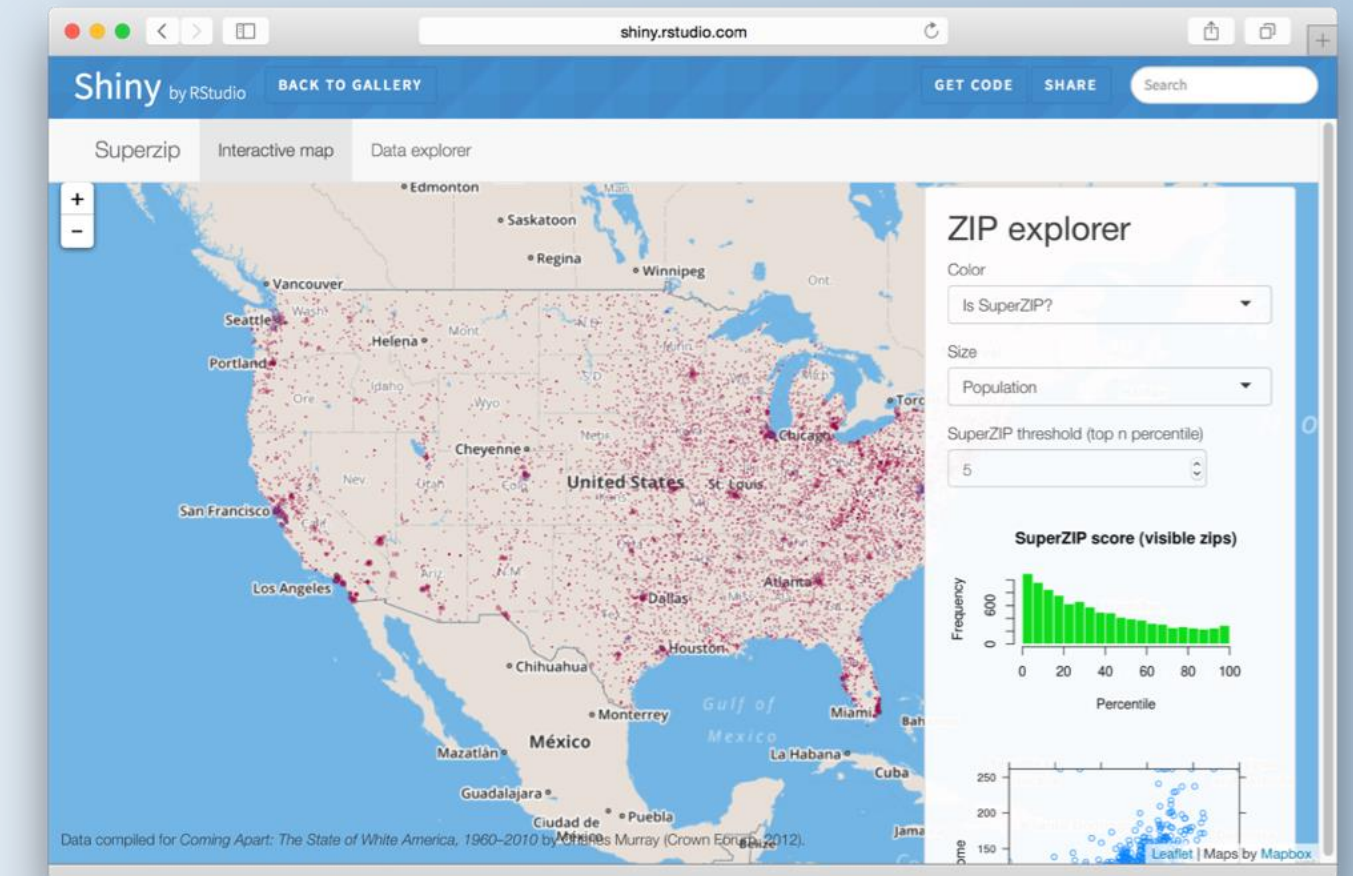
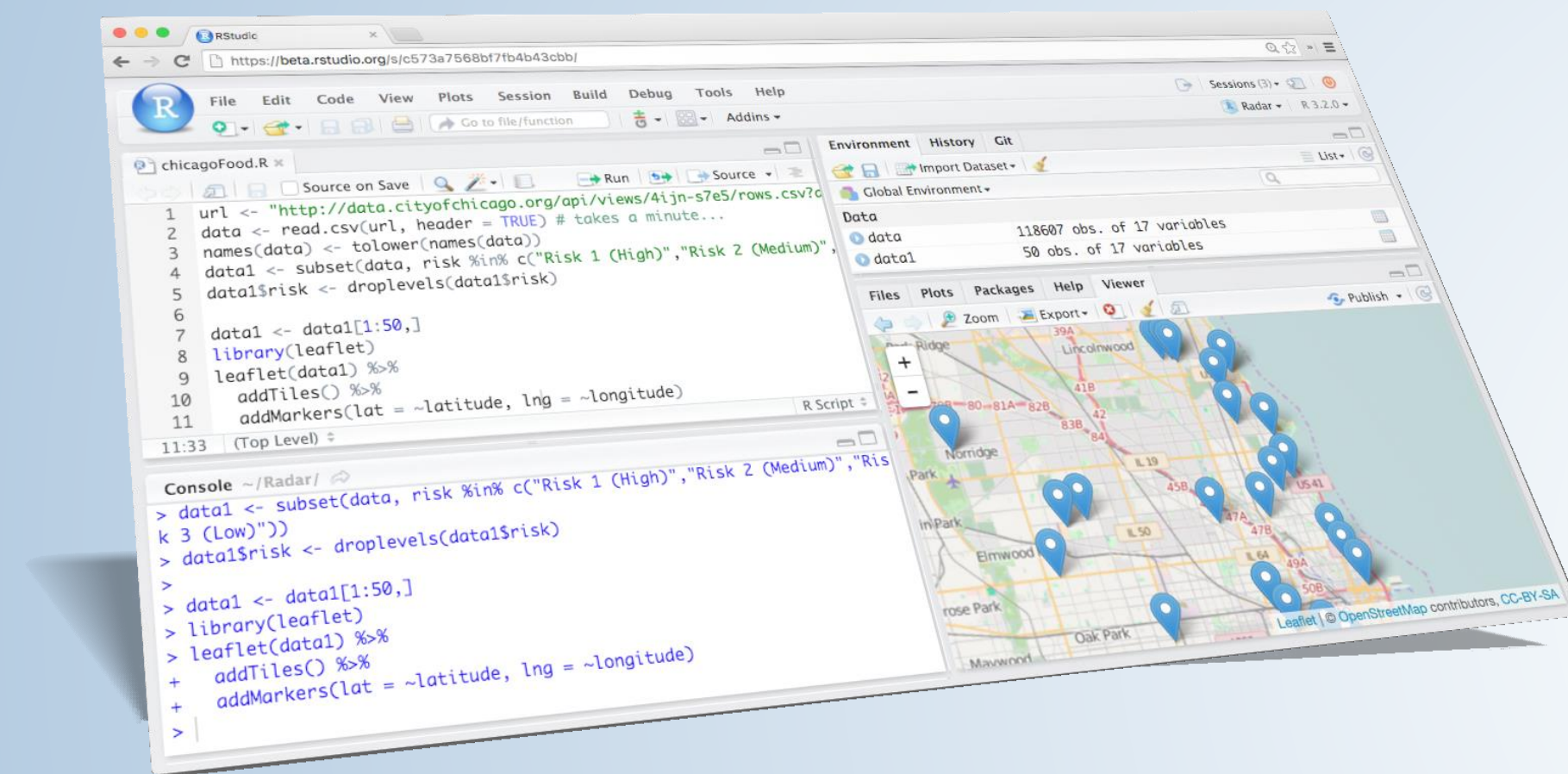
my name is

Jonathan

RStudio Products

RStudio IDE

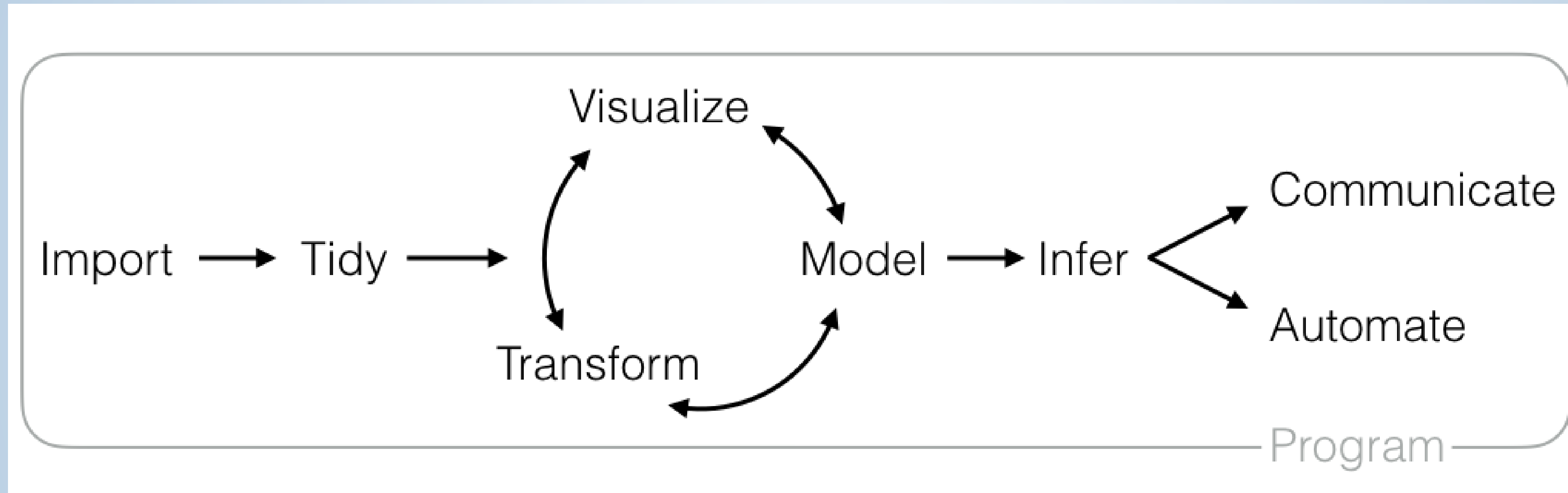
Shiny



Packages



Model of the tools needed in a typical data science workflow



<http://r4ds.had.co.nz/intro.html>

New Shiny Topics

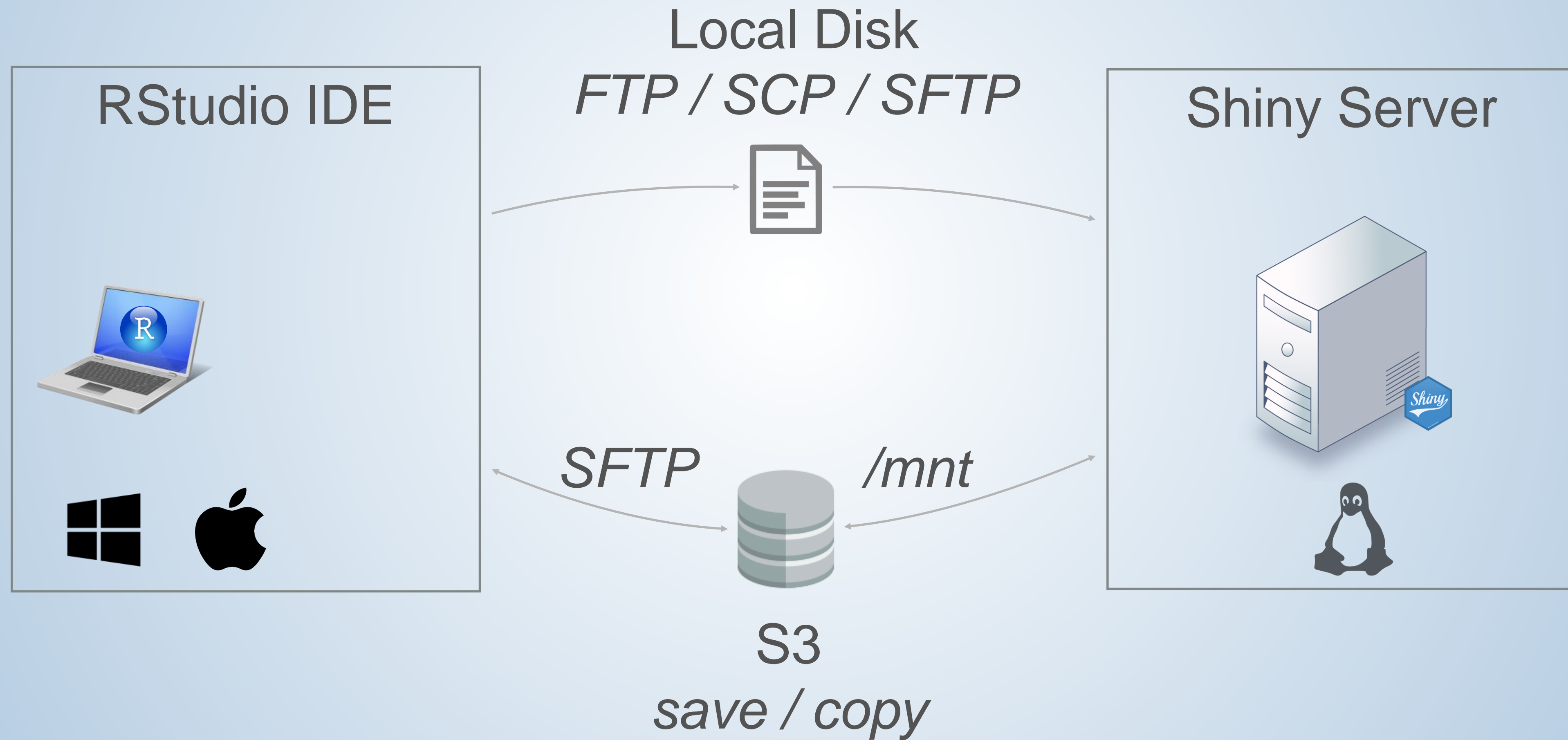
Nathan

New Shiny Topics

- HTML Templates
- Reactive file reader
- Interactive plots
- Interactive documents
- Flex Dashboard
- Gadgets

Deploy Apps

How do I deploy apps?



Shiny Gadgets

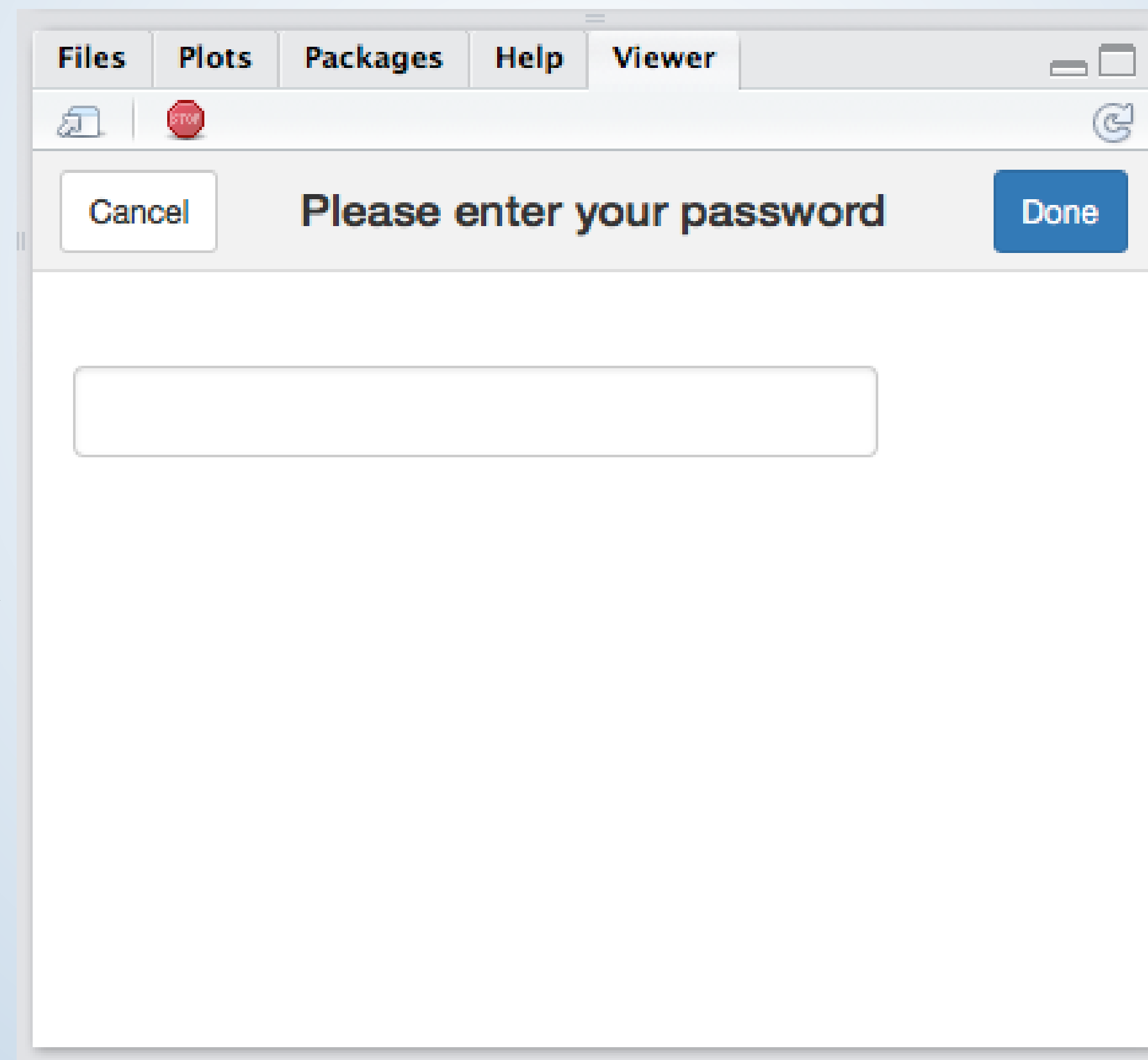
Shiny apps that are started and stopped by R users during the course of an analysis from inside the RStudio IDE.

Simple Shiny Gadgets

1. Layout

MiniUI Package

A Shiny UI for
small spaces

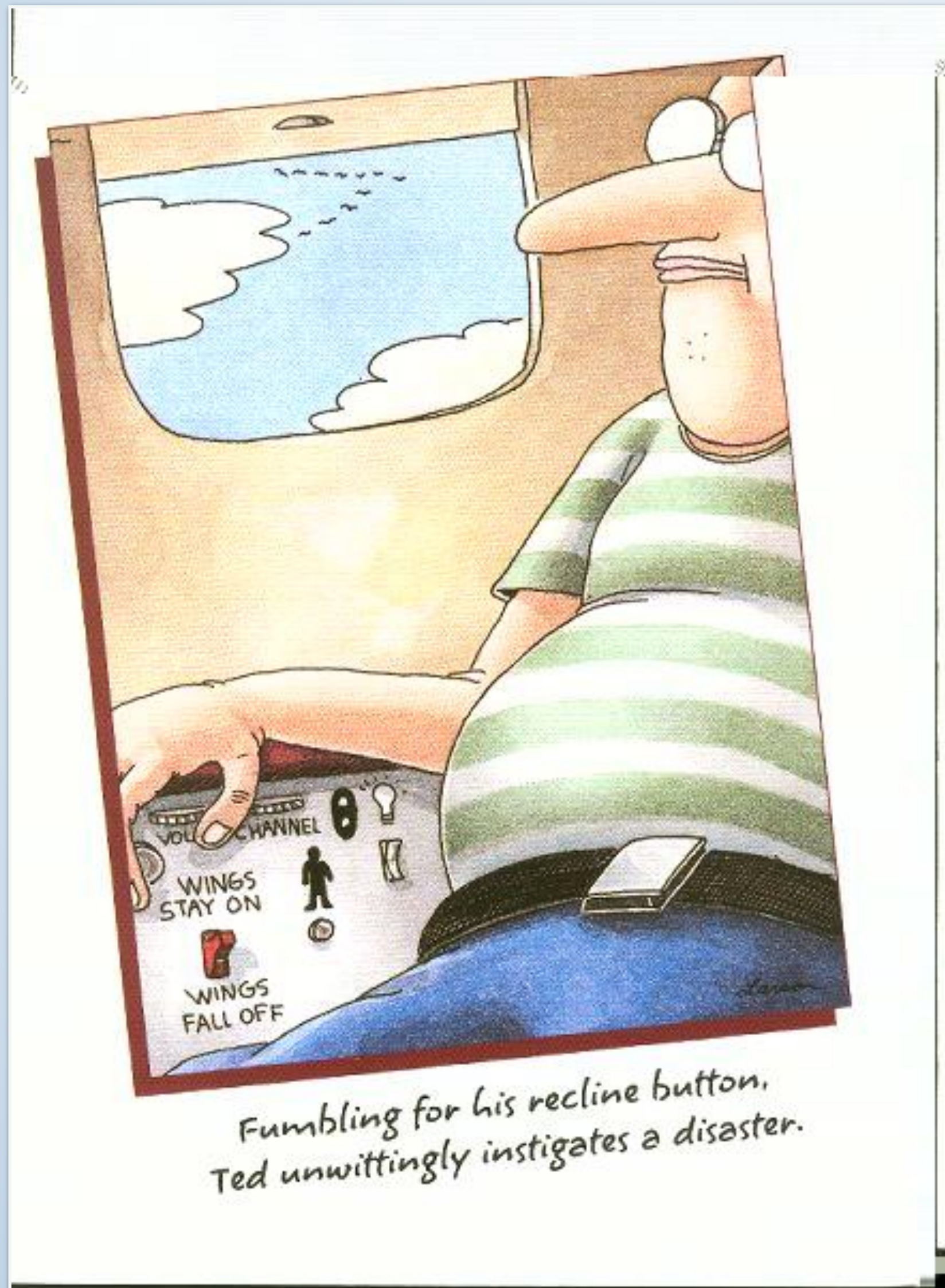


2. Done

Done Button

R Users initiate
and terminate

Shiny Gadgets



“Fumbling for his recline button, Ted unwittingly instigates a disaster”

Two Different Use Cases

Shiny Gadget

Invoked

Analysts

Programming

Shiny App

Deployed

Decision makers

Communicating