

MINT+: Web App with R

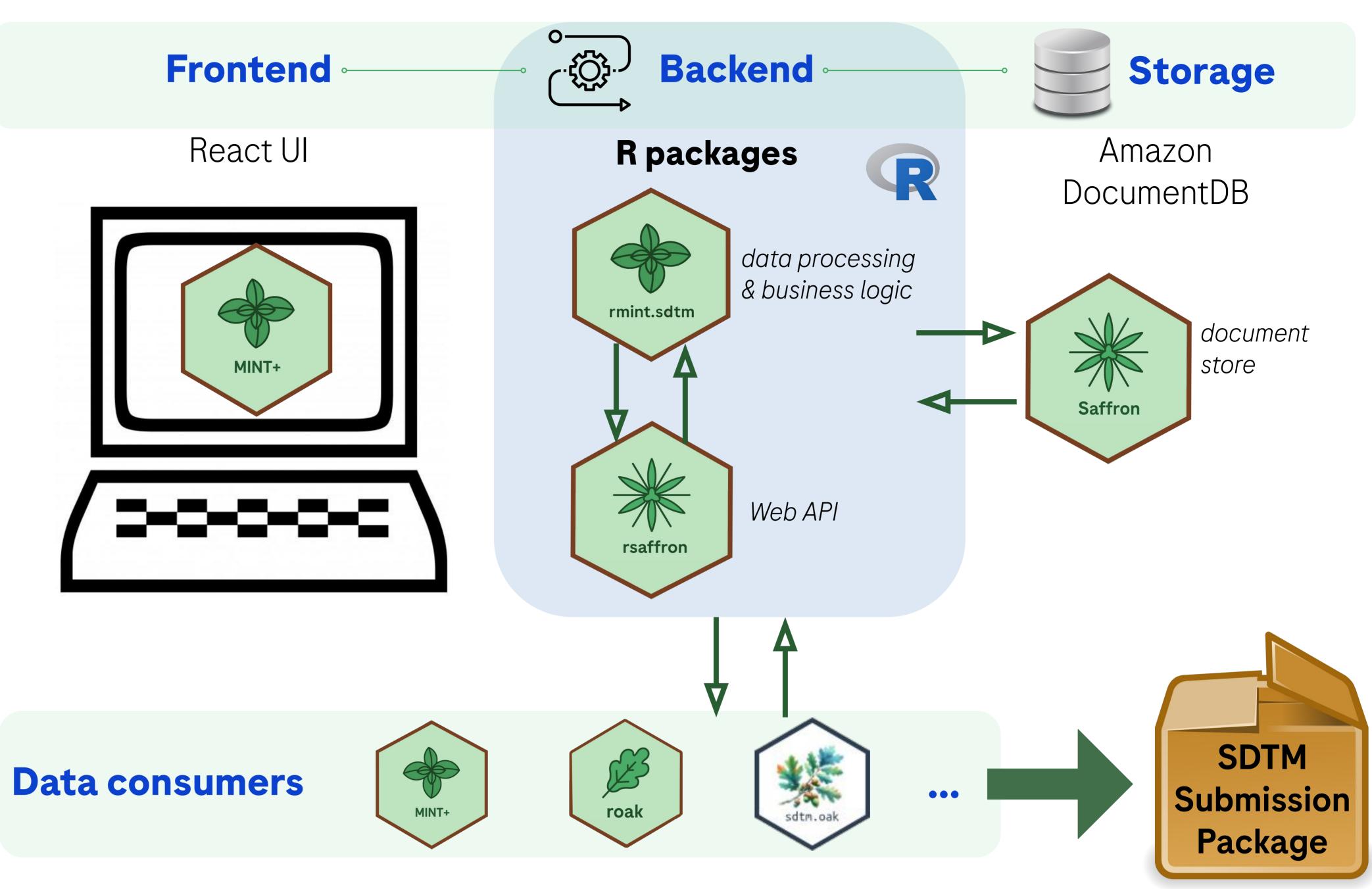
Brains for SDTM Automation

What's SDTM?

- Study Data Tabulation Model developed by CDISC
- Used for organizing data collected in clinical trials
- Enforces industry-wide standardization of data
- Required for submission to regulatory authorities



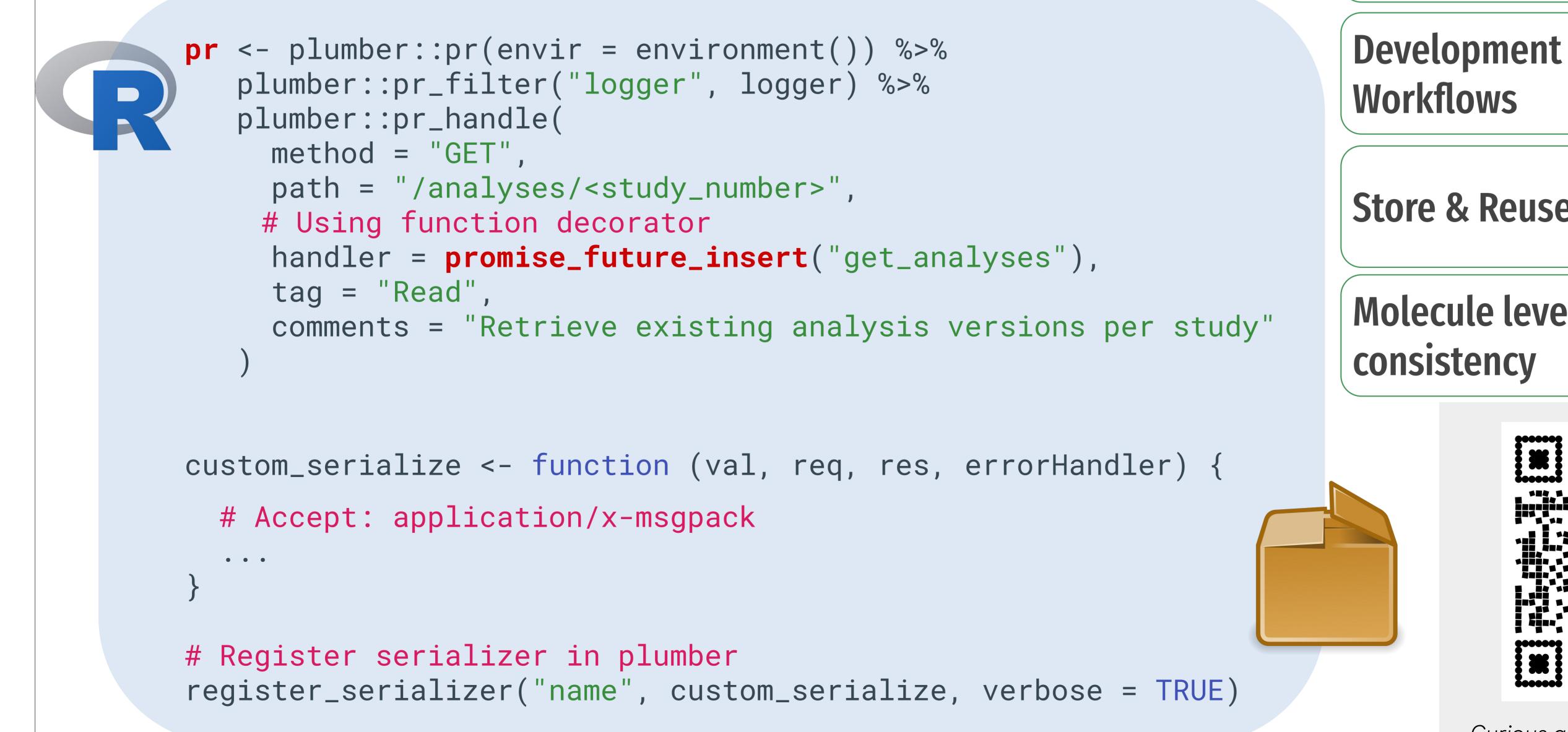
Traditional approach time-consuming & error-prone





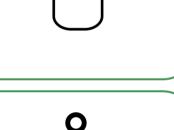
```
Plot a histogram
#* @serializer png
#* @get /plot
function() {
  rand <- <u>rnorm(100)</u>
  hist(rand)
#* Return the sum of two numbers
#* @param a The first number to add
#* @param b The second number to add
#* @post /sum
function(a, b) {
  as.numeric(a) + as.numeric(b)
```

Building plumber API programmatically using a package structure



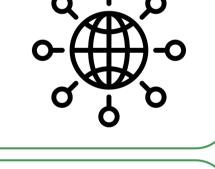


Interactive UI

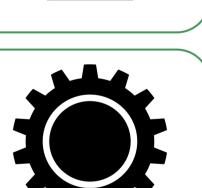


MINT+

Digital study **SDTMv Specification**



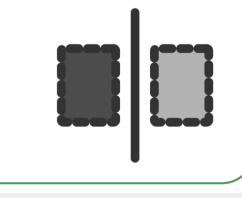
Locking Feature



Store & Reuse



Molecule level consistency





Curious about the open source work on {sdtm.oak}? Visit the link!

