

# Shiny performance workflow

From Joe Cheng's Shiny in Production keynote...

1. Use `{shinyloadtest}` to see if it's fast enough
2. If not, use `{profvis}` to see what's making it slow
3. Optimize
  - a. Move work outside of `{shiny}` (very often)
  - b. Make code faster (very often)
  - c. Use caching (sometimes)
  - d. Use `async` (occasionally)
4. Repeat!

