Approach 2: Lexical analysis

E.g. scriptgloss by Doug Kelkhoff

Automatically generate scripts from app source code, using static analysis and heuristics

- 😘 Very easy to add to your app

- 😘 Few decisions to make (mostly just what outputs are interesting)

- 😢 Not all apps can be translated automatically

- 😢 Generated code is not "camera ready"—still contains code relating only to Shiny structure

Approach 3: Programmatic

Use metaprogramming techniques to write code that serves dual purposes (execute interactively, and export static code)

- 😘 Generated code is almost "camera ready"

- 😘 Flexible enough to handle highly dynamic Shiny apps

- 😢 Higher learning curve

- 😥 Significant effort to adapt existing apps