

# 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

# Introducing shinymeta

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