

Test values you can control

Changes in dependencies can produce new output values

• Use `shiny::expectTestValues()` to test Shiny server values!

Save only necessary information in your expected values

• Use shiny::snapshotExe1ude()!

• Use shiny::snapshotPreprocessInput()!

• `!use shiny::snapshotPrepOutput()!`

Test values you can control

- Changes in a dependencies can produce new output values
 - Use `shiny::exportTestValues()` to test Shiny server values!
- Save only necessary information in your expected values
 - Use `shiny::snapshotExclude()`!
 - Use `shiny::snapshotPreprocessInput()`!
 - Use `shiny::snapshotPreprocessOutput()`!

{plotly} output example

- Only save the `x` and `y` values of the first dataset in the plot

```
server <- function(input, output) {  
  
  output$p <-  
    plotly::renderPlotly({  
      plotly::plot_ly(x = cars[, 1], y = cars[, 2],  
                      type = "scattergl", mode = "markers")  
    }) |>  
    shiny::snapshotPreprocessOutput(function(p) {  
      jsonlite::parse_json(p)$x$data[[1]][c("x", "y")]  
    })  
  
}
```