

Anti-pattern

- App - When I click a button,
display a plot

● Anti-pattern



Correct Pattern

```
observeEvent(input$button, {  
  output$badpattern <- renderPlot({  
    hist(runif(input$button))  
  })  
})
```

```
click_count <- reactive({  
  # requires a non-zero (truthy) value  
  # Prevents the image from  
  # appearing until button is clicked  
  req(input$button)  
  input$button  
})  
output$goodpattern <- renderPlot({  
  hist(runif(click_count()))  
})
```





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- App after a single click

