What they forgot to teach you about Shiny development in Production

#### Few words about me

- Analytics Engineer at



From Algiers (Algeria), based in Hamburg (Germany)

Open source developer (when I have time)

Shiny/R trainer and consulting with Physalia-course

#### It's only my opinion



#### Use HTML

- HTML is underrated

- HTML can be surprisingly powerful

#### Do NOT use NS when you don't need it

- Shiny NS, the NameSpace logic is only needed if you're going to reuse a Module more than once within the same application.

#### Modularize your app with R6

#### CODMARP



## Never render your data in Client Side

#### Users can wait if they know something is happening

#### When using reactive values, be explicit!

### Avoid UI shifting

#### Learn to say No (gently)

#### Example:

https://stackoverflow.com/questions/57215607/render-dropdown-for-single-column-in-dt-shiny

- Bookmark

- Bookmark

console.log("something")

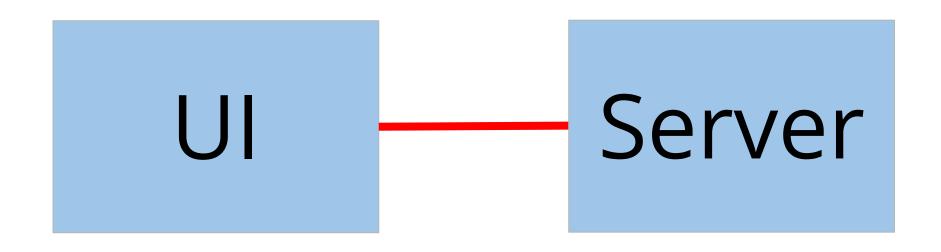
- Bookmark

- console.log("something")

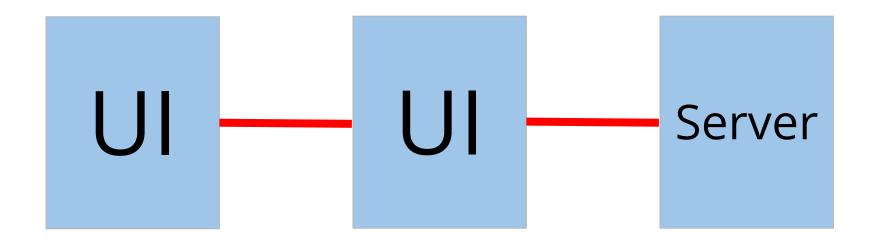
- Browser

## Avoid uiOutput / renderUI

#### This is good!



#### This is **NOT** good



Thank you!

## Questions?