

RStudio @ BioC2013

Joe Cheng <joe@rstudio.com>

RStudio IDE

- RStudio 0.97
 - Package development
 - Rcpp
- RStudio 0.98
 - Visual debugging tools
 - R presentations
 - <http://rstudio.com/ide/download/preview>

Shiny

- Interactive web apps in pure R
- Designed for both web deployment and for making small GUIs that run from the console
- Reactive programming paradigm. So fun!
- <http://rstudio.com/shiny>
- Session on Friday afternoon

(quick plug for JavaScript)

- <http://github.com/jcheng5/d3-heatmap>

- Try it:

```
install.packages("devtools") #if required
```

```
devtools::install_github("d3-heatmap", "jcheng5")
```

```
heatmap::showHeatmap(as.matrix(scale(mtcars)))
```