

# App configuration

## Installing software

- Install R:
  - Windows: <https://cran.r-project.org/bin/windows/base/>
  - MAC: <https://courses.edx.org/courses/UTAustinX/UT.7.01x/3T2014/56c5437b88fa43cf828bff5371c6a924/>
  - Linux: <https://www.r-bloggers.com/download-and-install-r-in-ubuntu/>
- Install Rstudio:
  - Windows: <https://rstudio.com/products/rstudio/download/>
  - MAC: <https://rstudio.com/products/rstudio/download/>
  - Linux: <https://rstudio.com/products/rstudio/download/>
- Install git
  - Windows: <https://www.atlassian.com/git/tutorials/install-git>
  - MAC: <https://www.atlassian.com/git/tutorials/install-git>
  - Linux: <https://www.atlassian.com/git/tutorials/install-git>

## Installing R libraries

For example

```
# Only use this code once to install a library to your local computer.
install.packages('ggplot2')

## Installing package into '/home/benbrew88/R/x86_64-pc-linux-gnu-library/3.4'
## (as 'lib' is unspecified)

# To use the libraries functions use this code everytime you run the app
library(ggplot2)
```

## Cloning the app to your local computer

- The URL to the github repository is [https://github.com/databrew/drf\\_tool\\_1\\_alt](https://github.com/databrew/drf_tool_1_alt)
- This can be done with in a “point and click manner” using github.com and/or rstudio.
- To clone via the terminal, simply open up a terminal (after installing git) and type `git clone https://github.com/databrew/drf_tool_1_alt`

## Running the app

- Open up app.R using RStudio (or the terminal) in the same directory (folder) you cloned the app to.
- If you do not have the libraries installed, the app won't run. Follow the instructions above to install each library.
- Once installed, click on the “Run app” button in the top right hand side of app.R.