

## Build Requirements

- ZeroMQ 4
- Haskell Stack
- cloc
- java 8
- R with the following packages
  - ggplot2
  - outliers
  - dplyr

## Instructions for Mac

```
$ brew install zeromq
$ brew install haskell-stack
$ brew install cloc
$ brew cask install java
$ brew install r
$ R
> install.packages("ggplot2")
> install.packages("outliers")
> install.packages("dplyr")
# press ctrl-d to leave the R environment
```

Please check that all of the executables `java`, `stack` and `Rscript` are in the `PATH` before continuing.

## Running of the Benchmarks

```
$ git clone https://github.com/monto-editor/benchmark.git
$ cd benchmark
$ ./benchmarks.sh ./monto
```

If after the the benchmarks finished, the plots are in `./monto/service-java/benchmarks/build/*.png`