

Курбатов Ярослав, 5 курс РПО МКН

Для запуска всех заданий необходим компилятор elixir (~> 1.14) и Erlang OTP (~> 25.1)

### Задание 1

**PORT=<port> mix run** либо через готовый Dockerfile.

```
jaroslav@F1:~/Documents/spbu/2023-spring/networks/spbu-masters-compnet/homeworks/03/03-http-client$ telnet localhost 8000
Trying 127.0.0.1...
Connected to localhost.
Escape character is '^]'.
GET /home/jaroslav/.bashrc HTTP/1.1

HTTP/1.1 200 OK
Server: GWS =)
Content-Type: application/octet-stream
Content-Length: 4040

# ~/.bashrc: executed by bash(1) for non-login shells.
# see /usr/share/doc/bash/examples/startup-files (in the package bash-doc)
# for examples

# If not running interactively, don't do anything
case $- in
  *) ;;
  *) return;;
esac

# don't put duplicate lines or lines starting with space in the history.
# See bash(1) for more options
HISTCONTROL=ignoreboth
```

### Задание 2

**PORT=<port> mix run --no-halt** либо через готовый Dockerfile.

### Задание 3

**mix compile && ./client localhost 8000 /path/to/file**

либо через docker run с переменной окружения **ARGS="localhost 8000 /path/to/file"**

### Задание 4

**PORT=<port> CONCURRENCY=<num> mix run --no-halt** либо через готовый Dockerfile

результат с **CONCURRENCY=1** и тремя параллельным клиентами:

```
00:02:26.949 [info] Accepting connections on TCP/7000
00:02:29.370 [info] Accepted new client
00:02:53.413 [info] Processing path /home/jaroslav/.bash_profile
00:02:53.416 [info] Done
00:02:53.416 [info] Accepted new client
00:02:53.416 [info] Processing path /home/jaroslav/.bash_profile
00:02:53.417 [info] Done
00:02:53.417 [info] Accepted new client
00:02:53.417 [info] Processing path /home/jaroslav/.bash_profile
00:02:53.418 [info] Done
```