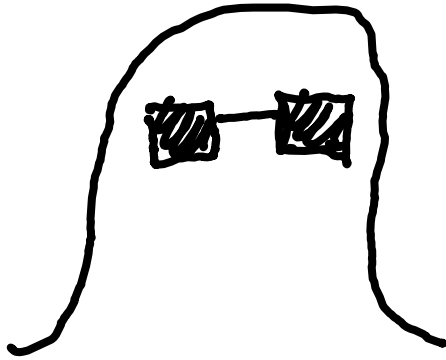# Babashka:

What it is, and why you should care.

Teodor
Heggelund

https://teod.eu

On the joy of building your tools & controlling your world

"Clojure was made for writing situated programs"

Teodor paraphrasing Rich Hickey from "Effective programs" (2017)

"Unix [...] applies the do-one-thing-well approach [...] in three ways:

- by making process spawning cheap,
- by providing methods (shellouts, pipes, [...]) that make it easy for processes to communicate,
- by encouraging the use of simple, transparent, textual data formats"

Eric S. Raymond
The Art of Unix Programming
2003

	JVM Clojure	Babashka	Bash
App startup	1 s	0.0 s	0.0 s
Throughput Ceiling	High	OK	?
Bugs ?	Some	Some	Many
REPL?	Yes	Yes	Limited
Java deps	Yes	No	NO
Clojure deps?	Yes	Yes	NO
Installation	JVM + tools deps or JVM + lein	single binary	Installed

Babashka

SCI | babashka/ fs | babashka/ process | babashka/ CLI

Clojure

Java Virtual Machine (JVM) OR Graal Virtual Machine (GraalVM)

Library	Purpose
babashka.cli	Parse command line arguments
babashka.http-client	HTTP client
babashka.process	Spawn processes from babashka
babashka.fs	Do things with files & folders

Library	Purpose
Cheshire	JSON
clojure.data.csv	CSV
clojure.data.xml	XML
clj-yaml	YAML
HTTPKit	HTTP client & server
clojure.core.match	Pattern matching macros

Library	Purpose
Hiccup	HTML from data
clojure.test.check	Property testing
rewrite-clj	Clojure metaprogramming preserving existing whitespace
Selmer	HTML from templates
Timbre	Logging
Edamame	Clojure parser

Babushka

is materials for building
your tools & controlling
your world.

Go build something!