(Ba-bash-ka)

No more *bashing* your head in when scripting.

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9th April, 2022, NoVaLUG

Pitch

Who am I?

- Run clojure in new (weird) places
- Infrastructure and Site Reliability Engineering
- Sustainable living
- Neovim
- Anarchy
- Compilers, Languages (Human and Machine)
- FOSS, Diversity in tech and Teaching
- https://github.com/lispyclouds
- https://twitter.com/lispyclouds

Clojure(Script)

- Runs on the Java Virtual Machine, JavaScript runtimes and the Common Language Runtime (.NET).
- Has many more non-official implementations.
- LISP
- Functional, Immutable.
- Dynamic, Data Oriented.
- Hosted with full first class interop.
- Open Source under EPL 1.0.

Pitch

The JVM is so sloww!

To start. But for good reasons.

Babashka

- Fast startup (~10ms).

- Cross platform.

- Single native binary, easy install.

- Batteries included, designed for scripting.

- Good performance.

- Can use a lot of the existing clojure libs.

- Open source with the same license as Clojure.

- Built in the open with great collaboration.

The Small Clojure Interpreter (SCI)

- Interprets a large subset of Clojure.
- Works on the JVM, JavaScript runtimes and GraalVM Native.
- Fairly performant.
- Sandboxed execution and other nice features.
- Better error reporting.
- Easily embeddable.
- Ability to eval code in static environments.
- Powers many projects in the Clojure community.

Pitch

Powered by SCI

- **Nbb**: Adhoc, Babashka like scripting for Node.js in ClojureScript.
- **Obb**: Scripting your MacOS.
- **clj-kondo**: The de-facto clojure linter.
- **Spire**: Ansible like provisioning in clojure.
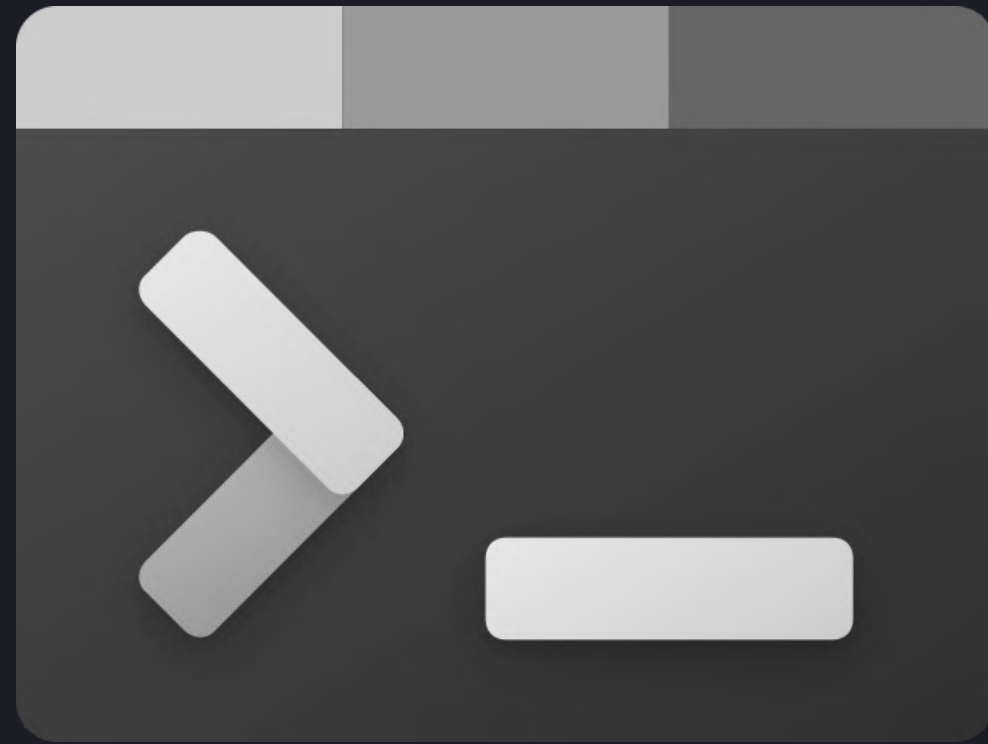- And many, many **more**.

Not just for scripts.

Not just scripts

- <u>Tasks</u>: No more Makefiles!
- <u>Pods</u>: Why stop at using just Clojure? Steal the nice parts of other languages too and extend bb to infinity!
- <u>Project</u>: Define project, dependencies and more.

How is it all made?

Gory details incoming! We are at a LUG after all!

References and Links

- https://babashka.org
- https://github.com/babashka/babashka
- https://clojure.org
- https://book.babashka.org
- https://github.com/babashka/sci
- https://github.com/babashka/nbb
- https://github.com/babashka/obb

borkdude (Michiel Borkent) FTW!

- https://github.com/borkdude
- https://twitter.com/borkdude
- https://github.com/sponsors/borkdude
- https://opencollective.com/babashka
- https://ko-fi.com/borkdude

Thank you!

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