# [**REPL adventures**](https://blog.michielborkent.nl/index.html)

A blog mostly about Clojure and ClojureScript.

# **OSS updates July 2023**

In this post I'll give updates about open source I worked on during July 2023.

To see previous OSS updates, go [here](https://blog.michielborkent.nl/tags/oss-updates.html).

## **Sponsors**

I'd like to thank all the sponsors and contributors that make this work possible! Open the details section for more info.

## **Sponsors**

I'd like to thank all the sponsors and contributors that make this work possible! Open the details section for more info.

Sponsor infoTop sponsors:

* [Clojurists Together](https://clojuriststogether.org/)
* [Roam Research](https://roamresearch.com/)
* [Nextjournal](https://nextjournal.com/)
* [Toyokumo](https://toyokumo.co.jp/)
* [Cognitect](https://www.cognitect.com/)
* [Kepler16](https://kepler16.com/)
* [Adgoji](https://www.adgoji.com/)

If you want to ensure that the projects I work on are sustainably maintained, you can sponsor this work in the following ways. Thank you!

* [Github Sponsors](https://github.com/sponsors/borkdude)
* The [Babaska](https://opencollective.com/babashka) or [Clj-kondo](https://opencollective.com/clj-kondo) OpenCollective
* [Ko-fi](https://ko-fi.com/borkdude)
* [Patreon](https://www.patreon.com/borkdude)
* [Clojurists Together](https://www.clojuriststogether.org/)

If you're used to sponsoring through some other means which isn't listed above, please get in touch.

On to the projects that I've been working on!

## **Updates**

* [clj-kondo](https://github.com/clj-kondo/clj-kondo): static analyzer and linter for Clojure code that sparks joy.
  + A big fat new release: 2023.07.23. Several new linting rules and lots of fixes. See [changelogs](https://github.com/clj-kondo/clj-kondo/blob/master/CHANGELOG.md#20230713) here.
* [http-client](https://github.com/babashka/http-client): Babashka's http-client
  + Added a websocket API, a fix for the :ssl-context {:insecure true} option and more. See [CHANGELOG](https://github.com/babashka/http-client/blob/main/CHANGELOG.md).
* [pod-babashka-fswatcher](https://github.com/babashka/pod-babashka-fswatcher): babashka filewatcher pod
  + The events emitted from the file watcher are now automatically deduplicated.
  + An aarch64 binary for Mac is now available Thanks to @fjsousa and @lispyclouds.
* [edamame](https://github.com/borkdude/edamame): Configurable EDN/Clojure parser with location metadata
  + A small bugfix release around reading malformed reader conditional expressions
* [lein-clj-kondo](https://github.com/clj-kondo/lein-clj-kondo): a leiningen plugin for clj-kondo
  + This plugin now follows the version number of clj-kondo
* [squint](https://github.com/squint-cljs/squint): CLJS *syntax* to JS compiler and [cherry](https://github.com/squint-cljs/cherry) Experimental ClojureScript to ES6 module compiler
  + Add [defclass](https://github.com/squint-cljs/squint/blob/main/doc/defclass.md) in squint, inspired by shadow-cljs
  + More work on getting squint and cherry to work in one build
  + Provide UMD build which works better in Firefox Webworkers
  + cherry can now be used in a playground at [livecodes.io](https://dev.livecodes.io/?template=clojurescript)
  + Fix doseq and add doall and dorun in squint
* [lein2deps](https://github.com/borkdude/lein2deps): leiningen to deps.edn converter
  + Allow anonymous function literals in project.clj
* [babashka](https://github.com/babashka/babashka): native, fast starting Clojure interpreter for scripting.
  + Version 1.3.182 released, mostly library bumps and small bugfixes. See changelogs [here](https://github.com/babashka/babashka/blob/master/CHANGELOG.md#13182-2023-07-20).
* [deps.clj](https://github.com/borkdude/deps.clj): A faithful port of the clojure CLI bash script to Clojure
  + More robust handling of downloading and unzipping tools jar
* [scittle](https://github.com/babashka/scittle): Execute Clojure(Script) directly from browser script tags via SCI
  + Fixed a small bug with evaluating tags: when there would be whitespace + a "src" attribute, the whitespace would be executed and the attribute was ignored.
* [tools-deps-native](https://github.com/babashka/tools-deps-native) and [tools.bbuild](https://github.com/babashka/tools.bbuild)
  + This EXPERIMENTAL combo allows you to use tools.build from babashka. In this release a reflection issue was addressed.
* [nbb](https://github.com/babashka/nbb): Scripting in Clojure on Node.js using SCI
  + Add missing function to promesa
* [jet](https://github.com/borkdude/jet): CLI to transform between JSON, EDN, YAML and Transit using Clojure
  + Release version 0.7.27 (see [changelogs](https://github.com/borkdude/jet/blob/master/CHANGELOG.md#0727-2023-08-02)) with missing 1.11 functions and options for easier kebab/camel/etc. casing.

## **Other projects**

These are (some of the) other projects I'm involved with but little to no activity happened in the past month.

Click for more details

* [sql pods](https://github.com/babashka/babashka-sql-pods): babashka pods for SQL databases
* [CLI](https://github.com/babashka/cli): Turn Clojure functions into CLIs!
* [cljs-showcase](https://github.com/borkdude/cljs-showcase): Showcase CLJS libs using SCI
* [fs](https://github.com/babashka/fs) - File system utility library for Clojure
* [SCI](https://github.com/babashka/sci): Configurable Clojure/Script interpreter suitable for scripting and Clojure DSLs
  + Support :require-macros
  + Introduce eval-string+ which received an optional initial :ns key and also returns the last active :ns so you can preserve the namespace state over multiple evaluations.
  + Released v0.8.40
* [process](https://github.com/babashka/process): Clojure library for shelling out / spawning sub-processes
  + Implement :out :bytes to receive output as bytes (thanks Hans Bugge Grathwohl)
  + Make :dir option accept java.nio.file.Path
* [sci.configs](https://github.com/babashka/sci.configs): A collection of ready to be used SCI configs.
* [babashka.book](https://github.com/babashka/book): Babashka manual
* [pod-babashka-go-sqlite3](https://github.com/babashka/pod-babashka-go-sqlite3): A babashka pod for interacting with sqlite3
* [instaparse-bb](https://github.com/babashka/instaparse-bb)
* [quickdoc](https://github.com/borkdude/quickdoc): Quick and minimal API doc generation for Clojure
* [rewrite-clj](https://github.com/clj-commons/rewrite-clj): Rewrite Clojure code and edn
* [pod-babashka-buddy](https://github.com/babashka/pod-babashka-buddy): A pod around buddy core (Cryptographic Api for Clojure).
* [gh-release-artifact](https://github.com/borkdude/gh-release-artifact): Upload artifacts to Github releases idempotently
* [neil](https://github.com/babashka/neil): A CLI to add common aliases and features to deps.edn-based projects
* [carve](https://github.com/borkdude/carve) - Remove unused Clojure vars
* [grasp](https://github.com/borkdude/grasp): Grep Clojure code using clojure.spec regexes
* [quickblog](https://github.com/borkdude/quickblog): Light-weight static blog engine for Clojure and babashka
* [4ever-clojure](https://github.com/oxalorg/4ever-clojure) - Pure CLJS version of 4clojure, meant to run forever!
* [pod-babashka-lanterna](https://github.com/babashka/pod-babashka-lanterna): Interact with clojure-lanterna from babashka
* [joyride](https://github.com/BetterThanTomorrow/joyride): VSCode CLJS scripting and REPL (via [SCI](https://github.com/babashka/sci))
* [clj2el](https://borkdude.github.io/clj2el/): transpile Clojure to elisp
* [deflet](https://github.com/borkdude/deflet): make let-expressions REPL-friendly!
* [babashka.json](https://github.com/babashka/json): babashka JSON library/adapter
* [deps.add-lib](https://github.com/borkdude/deps.add-lib): Clojure 1.12's add-lib feature for leiningen and/or other environments without a specific version of the clojure CLI

Discuss this post [here](https://github.com/borkdude/blog/discussions/categories/posts).

*Published: 2023-08-02*

*Tagged:* [*clojure*](https://blog.michielborkent.nl/tags/clojure.html)[*oss updates*](https://blog.michielborkent.nl/tags/oss-updates.html)