Clojure Basic Training - Module 6

Using leiningen for your project

Leiningen

- http://leiningen.org/

- build tool, project lifecycle, dependencies, …

- install from home-brew, apt-get, etc…

Project

- lein new app my-app

- Creates a folder "my-app" containing an app, with the project file, project structure and a core namespace (+ test)

- lein run => "Hello World!"

Your first project

- Create a project and run it

- Modify the core.clj namespace to be greeted by your name

- Run and enjoy

Project file

- Project metadata

- Build info

- Dependencies

Improving your project

- Add the following dependency [clj-time "0.9.0"]

- lein deps

- require clj-time.core in core.clj (using alias t)

- display date in hello world using (t/now)

- format the date (require cli-time.format)

Still a JVM project

- lein uberjar

- java -jar target/uberjar/my-app-0.1.0-SNAPSHOT-standalone.jar