Clojure at Climate

Christopher Mark Gore

`cgore.com`
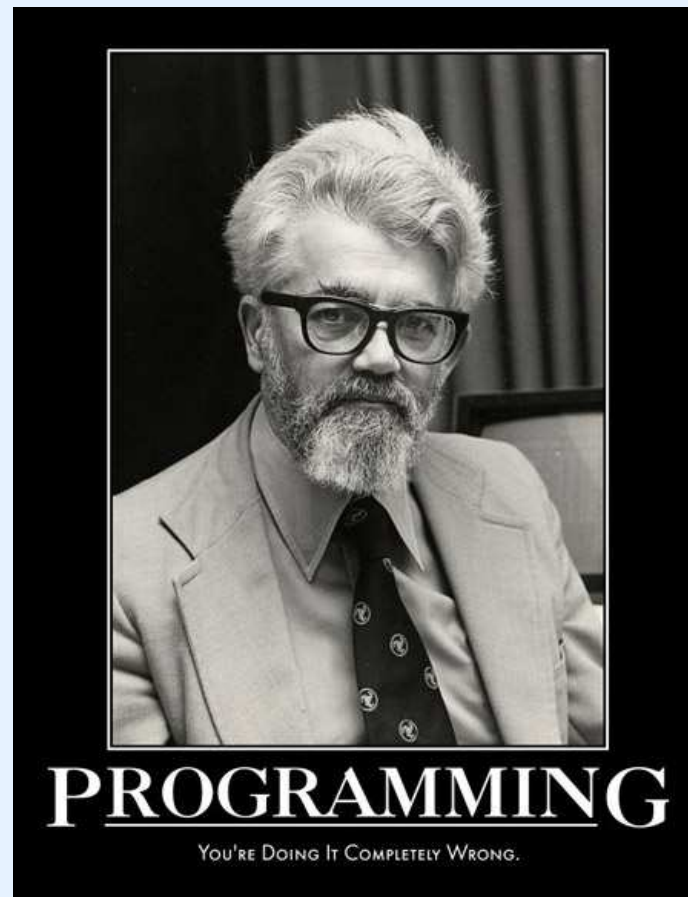
Thursday, October 27, AD 2016

We write Clojure at The Climate Corporation, and we're hiring! Come work with us!

Especially now that Bayer is buying us!

Clojure is Lisp
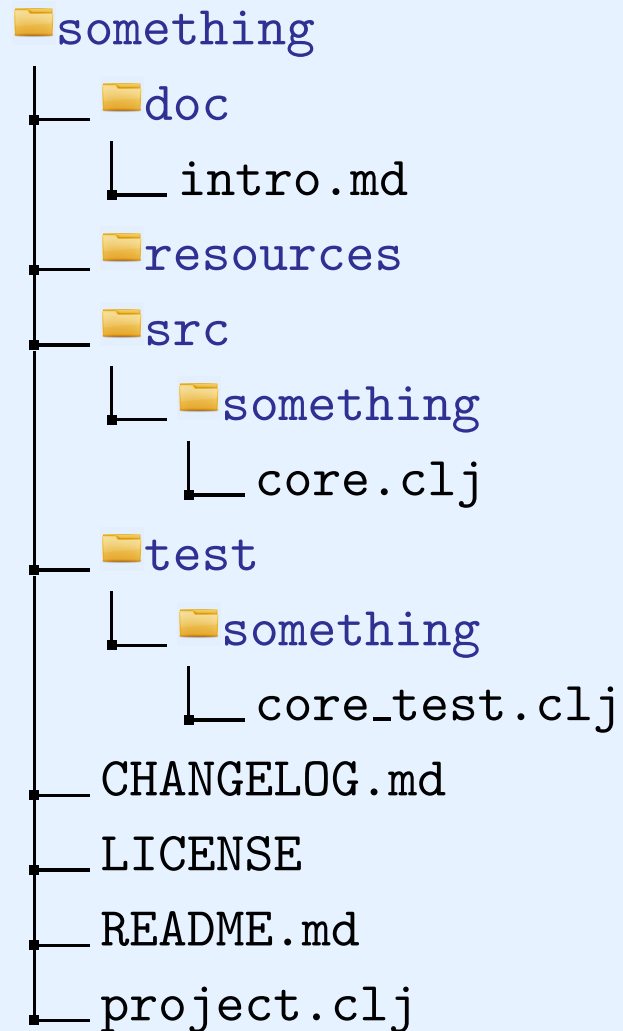
Clojure is Lisp on the JVM.

Building out a brand new Clojure app using Leiningen.

`lein new something`

What did that make for us?

```
📁 something
 ├── 📁 doc
 │    └── intro.md
 ├── 📁 resources
 ├── 📁 src
 │    └── 📁 something
 │         └── core.clj
 ├── 📁 test
 │    └── 📁 something
 │         └── core_test.clj
 ├── CHANGELOG.md
 ├── LICENSE
 ├── README.md
 └── project.clj
```

src/something/core.clj

```clojure
1 (ns something.core)
2
3 (defn foo
4   "I don't do a whole lot."
5   [x]
6   (println x "Hello, World!"))
```

test/something/core_test.clj
(You write tests, right?)

```clojure
1 (ns something.core-test
2   (:require [clojure.test :refer :all]
3             [something.core :refer :all]))
4
5 (deftest a-test
6   (testing "FIXME, I fail."
7     (is (= 0 1)))))
```

LICENSE

This is defaulting to the Eclipse Public License, which you will maybe want to change.

README.md

You should put some useful getting started info here, so that you can remember what to do in six months when you have to work on this component again.

project.clj

```
1 (defproject something "0.1.0-SNAPSHOT"
2   :description "FIXME:␣write␣description"
3   :url "http://example.com/FIXME"
4   :license
5   {:name "Eclipse␣Public␣License"
6    :url "http://www.eclipse.org/legal/epl-v10.html"}
7   :dependencies [[org.clojure/clojure "1.8.0"]])
```

Questions?