



St. Louis Clojure

Powderkeg

Christopher Mark Gore

cgore.com

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



Especially now that Bayer is buying us!



It's a pretty cool place to work, we've even got a giant globe to play with.



Clojure is a lisp.



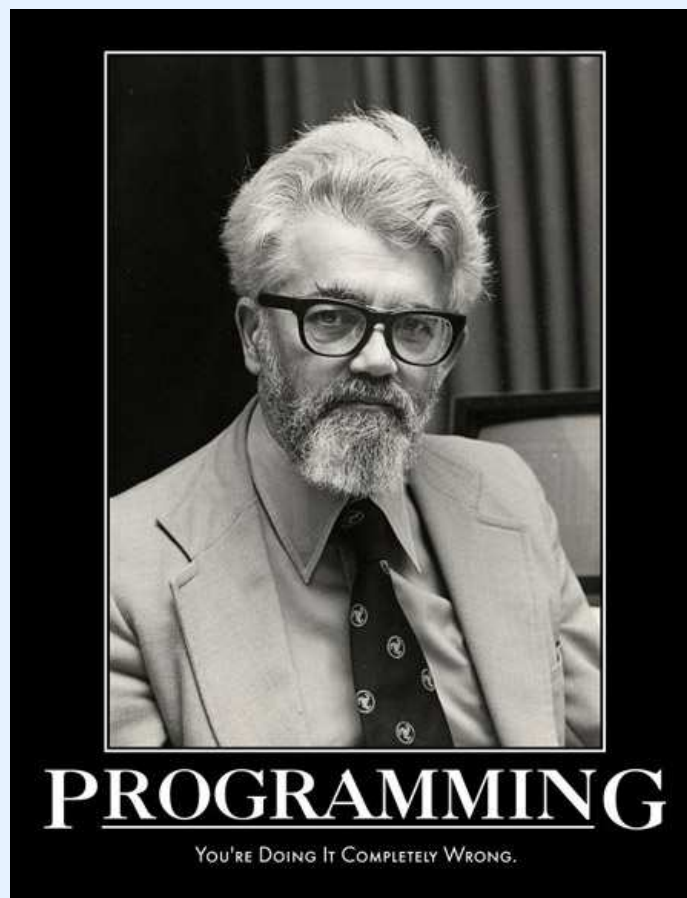
Clojure is Lisp on the JVM.



Scala is also on the JVM.



But Scala isn't a lisp.



Apache Spark is really cool, but it's in Scala.



Apache Spark is an open source cluster computing framework.

- Based on the RDD, resilient distributed dataset.
- An RDD is basically a distributed read-only multiset.
- RDDs allow for the power of MapReduce but with a lot more flexibility.
- RDDs can be treated as shared memory.
- This allows for iterative algorithms, not just map and then reduce operations.

What's a Clojurian to do?

- Use Scala? Nope.
- Here at Climate, we made `clj-spark` well before I came to work here, which was a good start.
- This eventually became Flambo, which is pretty good, but doesn't exactly feel like Clojure.

Questions?