

KappaQL

KappaQL is a SQL like Clojure DSL implementing [Kappa Architecture](#) proposed originally by LinkedIn engineers [Jay Kreps](#) and [Martin Kleppmann](#).

What Is Kappa Architecture?

Design and Implementation

User Interaction (1st Prototype as of 10/02/2014)

1. User starts the repl using `lein repl` from the KappaQL project base directory.
2. Bootstrap the environment with information about Samza cluster(YARN, Kafka and Zookeeper) and view storage(Cassandra/Redis).
3. Write queries and submit them.

Bootstrap will spawn a web server which expose views generated by KappaQL. This web app will directly talk to view storage and retrieve views.