Introduction

HugSQL is a Clojure library for *embracing* SQL.

- SQL is the right tool for the job when working with a relational database!
- HugSQL uses simple conventions in your SQL files to define database functions in your Clojure namespace, creating a clean separation of Clojure and SQL code.
- HugSQL supports runtime replacement of:
  - SQL Values `where id = :id`
  - SQL Value Lists `where id in (:v*:ids)`
  - SQL Identifiers `from :i:table-name`
  - SQL Identifier Lists `select :i*:column-names`
  - SQL Tuples `where (a.id, b.id) = (:t:ids)`
  - SQL Tuple Lists `insert into emp (id, name) values (:t*:people)`
  - Raw SQL
  - Custom Parameter Types (implement your own)
- HugSQL features Clojure Expressions and Snippets providing the full expressiveness of Clojure and the composability of partial SQL statements when constructing complex SQL queries.
- HugSQL has protocol-based adapters supporting multiple database libraries and ships with adapters for `clojure.java.jdbc` (default), `next.jdbc`, and `clojure.jdbc`.