MongoDB — NOSQL db

Installation

- brew tap mongodb/brew
- brew install mongodb-community@5.0
- brew services start mongodb-community@5.0
-> mongosh

-> Installing MongoDB Compass

Shell

- show dbs - all dbs
- use local - switch to db
- show collections
- db.dropDatabase() - removes db
- db.createCollection("posts") - creates a collection
- db.posts.insertOne({   -inserting object
        title: "New Post",
        body: "Some text",
        likes: 4,
        date: Date(),
        user: {
            name: "John",
            age: 35,
        }

})
- insertMany - to insert several entries at once
- db.posts.find() - shows all entries

{age: 45}   -> shows all with age = 45
- find().count() - counts objects
- find().limit(2) - only 2 objects
...   .sort({title: -1}) - desc order
...   .forEach(function ...)
- db.posts.update({title: "Post}, {...}) - update
- db.posts.deleteOne({name: "Jim"}) - delete

Atlas

- Create a Cluster
- Choose provider and region
- Pick a tier
- DB Access -> Add user
- Network Access -> Whitelist IP
- Connect   DONE!