* **s01 topics**

**e01**

1. MongoDB

* MongoDB
* Installation
  + Installation through Homebrew

brew update

brew install mongodb

* Setup
  + Create a data/db folder where you want your databases to be sourced

mkdir –p users/evanturner/src/data/db

* Run Mongo
  + You connect to the database server, which runs as mongod
  + **mongod** is the primary daemon process for the MongoDB system.
    - It handles data requests, manages data access, and performs background management operations
  + Specify the dbpath when loading mongod

mongod --dbpath ~/src/data/db

**Macintosh HD:Users:evanturner:Desktop:Screen Shot 2014-12-22 at 1.01.36 PM.png**

* In another terminal
  + Run the mongo command

mongo

* + After starting the mongo shell your session will use the test database by default.
  + At any time, issue the following operation at the mongo to report the name of the current database:



* + At this point, if you issue the show dbs operation again, it will not include the book\_library\_db database
  + MongoDB will not permanently create a database until you insert data into that database.