CS286A Metadata Repository Installation and Usage Guide

Enrico Tanuwidjaja, Feiyang Xue, Jimmy Su

**Overview**

* A git-like repository specialized for metadata that allows users to query metadata, including past metadata.

**Setup Instructions**

* **Install** and **run** MongoDB on the machine that will hold the repository. The installation instructions can be found here: <http://docs.mongodb.org/manual/installation/>
* Clone our Github repository: <https://github.com/cs186-spring15/cs286A>

Once the Github repository has been cloned:

* Go to the *repo/MetadataRepo/* project directory.
  + cd cs286A/repo/MetadataRepo
* Edit src/main/java/edu/berkeley/MetadataRepo/Main.java. Replace the IP address in the line shown below (currently set to our EC2 IP) with the IP address of your machine that runs the MongoDB server.
  + MetadataRepo repo = new MetadataRepo("54.69.1.154"); // change this IP
* Compile the project.
  + cd cs286A/repo/MetadataRepo/
  + mvn compile
  + Package it into a jar.
  + mvn package
* Run the Metadata Repo shell.
  + java -cp target/MetadataRepo-jar-with-dependencies.jar edu.berkeley.MetadataRepo.Main
* Now you can try all of the commands in our demo to learn our features! See the demo documentation.