

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.