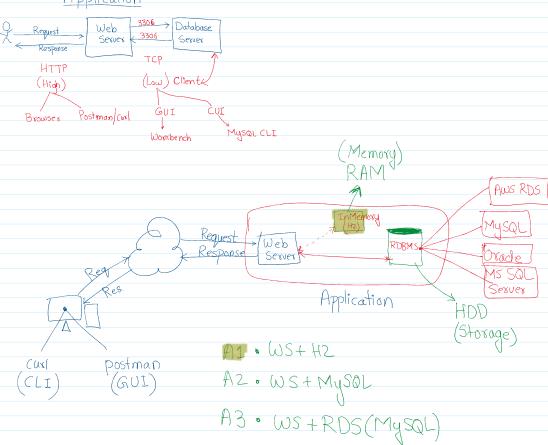
05.15Jul.WebDBServer

Saturday, July 15, 2023 8:57 PM







PL · Java (JDK, JRE)=1.8

BT · Apache Maven.

fw · Spring Boot

Lib · - Web, JPA

Doploy (3)

DB · In-Memory

- H2 Embedded - Console.

Front

Front

CSS

JSP

VCS · githab IDE · VSCode

Project 1: Spring boot with H2 using Maven 1. Order/Turn on Server 2. Install Java 1.8

- a. # apt update b. # apt install openjdk-8-jdk 3. Install Apache Maven
- a. # apt update b. # apt install maven -y

- D. # apt install maven: -y
 A. Clone Git Project in Server

 a. Settings -> Developer Tools -> Classic (PAT) -> Generate
 b. # ghp_Ak2ZdACF5p8vGcxdxGwzp0Yyzo1M5M1aN0p8
 c. \$ git Clone https://oauth:ghp_Ak2ZdACF5p8vGcxdxGwzp0

 5. Check All Pre requisites:
 a. \$ git -- version
 b. \$ law version b. \$ la zp0Yyzo1M5N1aN0p8@github.com/NubeEra-MCO/SpringBoot-H2-LoginReg.git

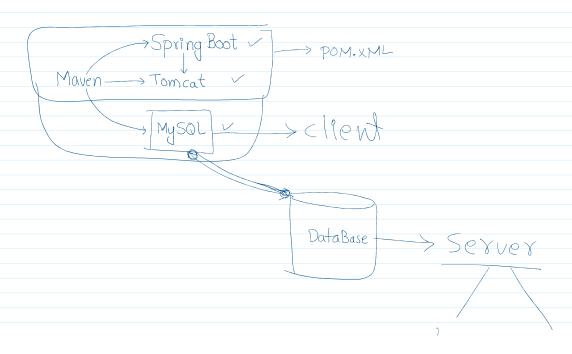
- a. S git version
 b. S java version
 c. S java version
 d. S mvn version
 d. S mvn version
 d. Build & Run Project
 a. S mvn clean
 b. S mvn spring-boot:run
 c. S java jar target/*.jar
 7. Check Project
- 7. Check Project
 a. Browse Application http://IP:8080
 b. Browse Database http://IP:8080/h2-console
 i. UserName: sa
 ii. Password: 123
 8. Delete All Resources

Project 2: Spring boot with MySQL using Maven

- Order/Turn on Server
 Install Java 1.8
- a. # apt update b. # apt install openjdk-8-jdk 3. Install Apache Maven
- a. # apt update b. # apt install maven -y
- 4. Clone Git Project in Server
 - a. Settings --> Developer Tools --> Classic (PAT) --> Generate
 b. # 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
- c. \$ git clone https://outhi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@pithub.com/NubeEra-MCO/SpringBoot-MySQL-REST-API.git
 d. \$ git clone oauth: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@https://github.com/NubeEra-MCO/SpringBoot-MySQL-REST-API.git
 5. Install Database (MySQL)
- - a. \$ sudo su
 - b. # apt update c. # apt install mysql-server -y

 - d. # mysql --version
 e. # service mysql status
 f. # mysql_secure_installation
- 6. Connect & Create Database

Check All Application: curl -i -H "Content-Type: application/json" -X POST -d '("body": "Lets Learn Java DevOps!")' http://localhost:8090/api/notes curl -i -H "Content-Type: application/json" -X GET http://localhost:8090/api/notes



Local 11054

Wood Toolkit



Web Framework



Spring Boot

COMSIMILES

My SQL



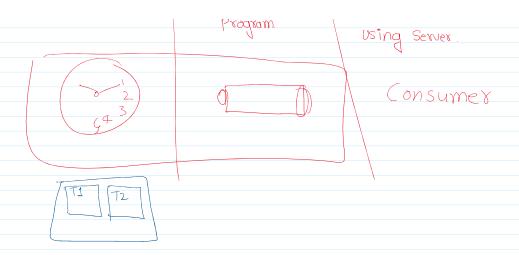
File



Infinite Program



to Access DB Using Server



my SQL ---> Server

- 1. Connect to MySQL Server using MySQL Client
 a. S mysql-u root
 2. Create Database
 a. mysql> create database mydatabase;
 3. Select Database
 a. mysql> use mydatabase;
 4. Create Table
 a. mysql> create table employee(id int, name varchar(200));
 5. See all tables
 a. mysql> show tables;

