

Asit4u Project Documentation

Project Overview

Simple RESTful login application made in Eclipse using the jersey library. After opening the workspace in Eclipse, the project can be run from Client.jsp (Run on server and include both ClientApp and RESTful Web Service). For testing below is a representation of users in the database:

Username	Password
Brendan	123
Bill	456
Bob	789

*The JOptionPane which shows the result sometimes doesn't come to the front and is hidden behind the Eclipse workspace.

Requirements

Requires Apache Tomcat v9.0 to host project locally and MySQL connector to be in jre library.

Project Structure (Partial)

- ClientApp
 - ClientServlet.java
 - User.java
 - Client.jsp
 - Web.xml
- RESTful Web Service
 - MyApplication.java
 - User.java
 - UserServices.java
 - Web.xml
- Servers
 - Tomcat v9.0 at localhost

Tools used

- Eclipse jee 2018-12
- Java jre 1.8.0_191
- Jersey 1.19.1
- MySQL database (hosted at GearHost)
- MySQL connector
- Apache Tomcat 9.0.14

Learning Material

- RESTful Ratnesh – Used to learn REST with Jersey
 - https://www.youtube.com/playlist?list=PL5u3Zdsn3teiq_RDz2xKTrDD0ybhCRPMO
- MySQL Database connection in Java using Eclipse
 - <https://www.youtube.com/watch?v=h40mEf7WymQ>
- *Various other sites to solve errors