

COMPANY FLEET SYSTEM

WEB APPLICATION

v.0.1.0

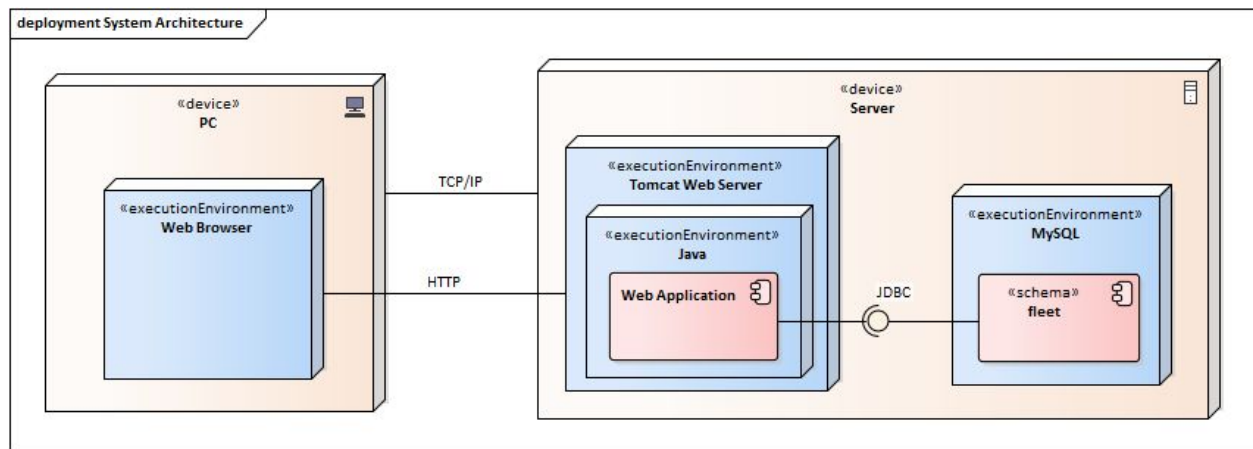
Introduction

Following guide presents how to install and run the web application on Ubuntu server.

Preconditions

- MySQL server
- MySQL JDBC driver
- Java version 8
- Apache Maven

Deployment Overview



The application supports several databases, and is currently using the MySQL database. Therefore it is important that MySQL server is installed. Since this is a Java application, the MySQL JDBC driver needs to be installed as well. Moreover, it is required that Java version 8 is used. It can be either OpenJDK or Oracle Java. Higher versions of Java are not guaranteed to work, since the frameworks used might not support it. The application uses Maven as the build system, so Maven must be installed as well.

Following web browsers are supported:

- Mozilla Firefox >= 50
- Microsoft Edge
- Google chrome
- Safari
- Internet Explorer >= 9
- Opera

Installation Procedure

1. Modify the configuration file in order to specify the database username, password and port
 - a. Use a file archiver (eg. 7-zip) and extract the CFS-0.1.0.jar file
 - b. Go to BOOT-INF\classes
 - c. Open application.properties file in a file editor
 - d. After editing, save the file and archive the extracted folders again with .jar extension
2. Copy the jar file to the server
3. Run the init.sql script to initialize the database
 - a. Use phpMyAdmin and import the init.sql script from the "Import" tab
 - b. Run the script by pressing "Go" button at the bottom of the screen
4. Execute: `java -jar CFS-0.1.0.jar`

FAQ

What is the initial database structure?

When database is initialized following instances will be created together with all necessary tables:

Role:

- CEO
- Department Manager
- Fleet Manager

Department:

- Management
 - Managed by “root”

Employee:

- root
 - Working at Management Department
 - Managing Management Department
 - Has Roles: CEO, DM, FM

What is the default user and it's password?

Default user and password is “root”. This user considered to be the CEO of the company and has access to all functions.

When new user is added what will be the password for that user?

Default password for a new user is “1234”.