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**A**daptive **A**utomation in **A**ssembly **For** **BLUE** collar workers satisfaction in **E**volvable context

**Web Porting Tool**

**Installation and Running**

# Executive summary

This document contains the guidelines to follow to install and set up the Web Porting tool.

Prerequisites

* Java 1.8
* Maven
* MySql 5.5
* SAR running

**Create loa\_evaluation\_tool Schema**

Create a schema in Mysql named “loa\_evaluation\_tool” and excute this [sql script](https://github.com/Engineering-Research-and-Development/loa-evaluation-tool/blob/master/loa_evaluation_tool_script.sql) to allow the creation of all tables.

**Clone the project**

Open a terminal and run the following:

*git clone* [*https://github.com/Engineering-Research-and-Development/loa-evaluation-tool.git*](https://github.com/Engineering-Research-and-Development/loa-evaluation-tool.git)

**Setup configuration file**

Configure the file loa-evaluation-tool/src/main/resources/application.properties (if not yet present, create it) with the following values:

*server.port = <port where the application will be running> (e.g. 8080)*

*spring.datasource.url=<* *connection-url pointing to the loa\_evaluation\_tool schema (*e.g. *jdbc:mysql://localhost:3306/loa\_evaluation\_tool?useSSL=false*

*spring.datasource.username= < valid username for* connecting to the db *> (e.g. root schema)*

*spring.datasource.password= <* *valid password for connecting to the db>*

*spring.datasource.driver-class-name=<Driver of the selected db> (e.g. for mysql com.mysql.jdbc.Driver)*

*spring.jpa.hibernate.naming.physical-strategy= org.hibernate.boot.model.naming.PhysicalNamingStrategyStandardImpl*

**Build project**

Move to the root project dir and run the following command:

*mvn install*

a file .jar will be created in the “loa-evaluation-tool/target” dir.

**Run project**

Open a terminal and run the following command

*java -jar <jar-file-name>.jar* (jar created in the previous step)