Deployment guide for PizzaHouse Application

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5. Deployment requirement

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| Application Server | Tomcat 8.5 or equivalent |
| Maven | Make sure maven is installed on the development computer |
| Docker | Make sure docker is installed on the development computer |

2. Tomcat deploy

Please perform Maven build on Common using “mvn clean package install”, in order to let PizzaService and OrderConfirmationService able to load the Common jar.

Pom.xml in PizzaService and OrderConfirmationService

Graphical user interface, text, application, chat or text message

Description automatically generated

After IDE project import, you will able to perform development and execute Junit test independently.

Graphical user interface, application

Description automatically generated

For deploy to Tomcat, select Run as -> Run on Server

Graphical user interface, application

Description automatically generated

3. Maven deploy

Press run to execute the maven build task

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

If you want to package without running Junit test due to module dependency, you can use mvn clean package -Dmaven.test.skip=true

A fat jar concerning all the dependency will be build in the ./target/ subfolder, in which we will use this as containerize as microservices.

4. Docker deploy

In this section we will use IntelliJ for explanation

There is a deployment script .sh located in Deploy folder, simply configure the according .sh to perform maven build and containerize the project