

This is a simple documentation for the setup of URL Shortener Project.

We have two parts in the URL Shortener Project.

1. Frontend Part

2. Backend Part

Let's discuss on the Backend part:

Prerequisite:

1. Java version 1.8 or higher is required.
2. MySQL Full server should be installed in the system.

Deployment of the Backend Project:

1. We need to create a database with name url_shortener in our mysql server or we can use other databases then we have to change the name in our application.properties files.
2. We have to change spring.datasource.username and spring.datasource.password with our user credentials of MySQL server .
3. We can use simply any IDE (Eclipse, IntelliJ) to run our project as like any spring boot project.
4. Then by default our backend API will work with 8080 ports.

Now, let's discuss on the Frontend part:

Prerequisite:

1. Angular version 7 or higher is required.
2. Backend part should be run in the background with port 8080.
3. We have to run npm install in the project specific directory.

Deployment of the Frontend Project:

1. We need to run ng serve command in the project specific directory with port 4200.
2. Then by default with this URL <http://localhost:4200/> our Project should run.