# Week 19: Installation Guide

jeanne                                                                      June 15, 2020



Hey everyone

So today we want to share our installation guide with you. Actually it should be pretty simple. See the current document here.

# BOOKLY
## Installation Guide

### 1. Prerequisites

- Maven
- npm
- Docker
- Keycloak on Port 8180 (accessible) or use our running instance at keycloak.bookly.online

### 2.Installation

### 2.1 Clone code from directory via URL or HTTPS:

URL:    git@gitlab.com:project_bookly/bookly.git

HTTPS:  https://gitlab.com/project_bookly/bookly.git

### Change the application properties of the backend
-> backend/src/main/resources/application.properties
```
server.port=8080

keycloak.auth-server-url=https://keycloak.bookly.online/auth
spring.datasource.hikari.auto-commit=true
#database
spring.jpa.database=POSTGRESQL
spring.datasource.platform=postgres
spring.datasource.url=jdbc:postgresql://localhost:5432/bookly-dev
spring.datasource.driver-class-name=org.postgresql.Driver
spring.datasource.username=booklyUser
spring.datasource.password=booklyPW
spring.jpa.show-sql=true
spring.jpa.generate-ddl=true
spring.jpa.hibernate.ddl-auto=update
spring.jpa.properties.hibernate.jdbc.lob.non_contextual_creation=true
```
### 2.2 Build the project in the root folder of the project.
```
mvn install -DskipTests
```

### 2.3 Go to the backend folder

 Execute: cd backend

### 2.4 Launch bookly with.

 docker-compose up

### 2.5 Go to localhost:8080 to use bookly.

So first one has to clone our repository. Within the backend folder of our project there is an *application.properties* file that has to be overwritten according to the own system requirements or own database connection. (The path to an application.properties can also be put explicit into the docker file.) Then the project can be build by excecuting **mvn install**.

Within the backend folder there is the *docker-compose* file located for our project. It starts an local PostgresDB. Also, the compose file builds our project as docker image and starts its container.

Go to localhost:8080 within your browser to access your own bookly instance. Use the attached PostgresDB with localhost:5432.

Have fun!

Best wishes,

Your bookly-Team!