Installing PlaceToBeer

28. JUNI

PLACE TO BEER

Place to beer

Greetings, stranger!

Introduction

Congratulations, you have been chosen to be one of the people to experience the current state of our project “PlaceToBeer”!

This manual will describe how to gather the Data and get the project running.

If something doesn’t work, if you find anything suspicious or noteworthy please let us know at https://placetobeer475840703.wordpress.com/contact/. If you happen to know any team member personally you can contact us in any way you want 😄

If you are not familiar with this project, here you can find the documentation where everything is described: https://github.com/placetobeer/ptb-documentation

Cheers!

Prepare your IDE

We used the **IntelliJ IDE** for our backend and we recommend you do the same. This is not because it won't work for different IDEs but the environment variables were implemented in IntelliJ and we have no idea how this will turn out with any other IDE, so it's up to you 🙇
For the Frontend we chose **WebStorm**, we also recommend you do the same.

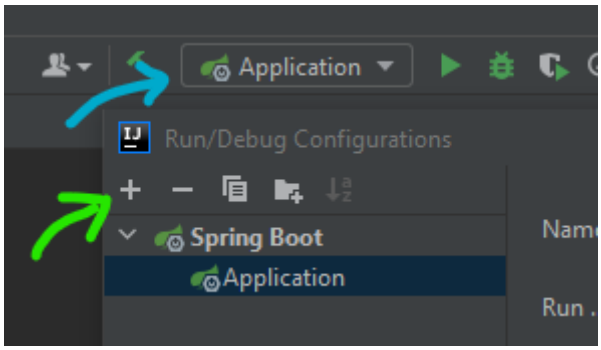
Setup

Where to download

You will have to download the backend and frontend separately. To do so please download or clone from the current master branch of each of them.
Frontend: https://github.com/placetobeer/ptb-frontend
Backend: https://github.com/placetobeer/ptb-backend

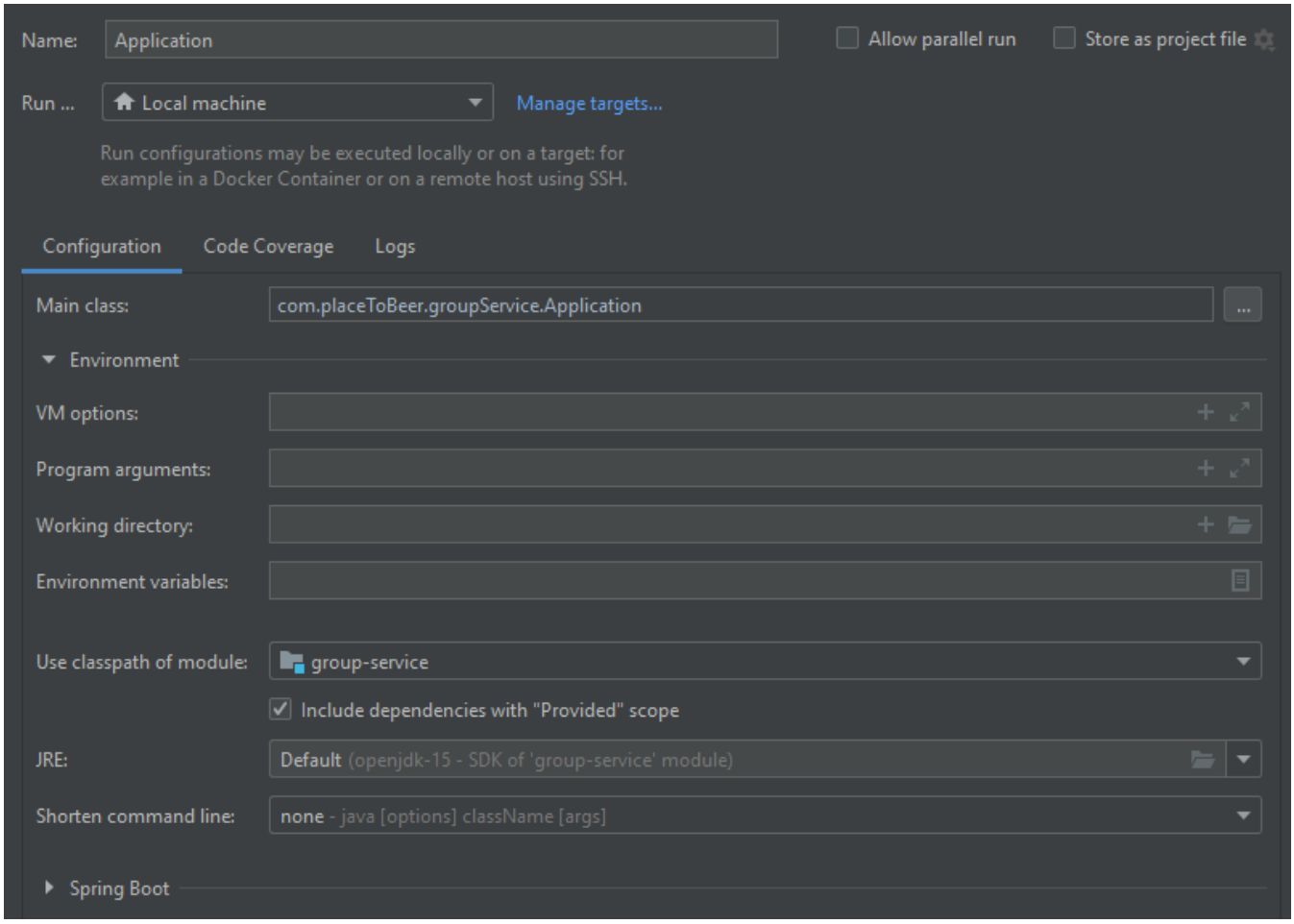
Set Environment Variables

To finalize setting up the project in IntelliJ, you will need to add *Run Configurations*.



To do so you need to access the Run/ Debug Configurations in the top right corner. In the popup you can add a Spring Boot Application. Give it a name (e.g. “Application”) and add com.placeToBeer.groupService.Application to Main class in the Configuration tab.

By now, your Run Configuration should automatically look like this:



To set your environment variables please follow the instructions of this short guide I created a while ago (if the German language bothers you, I recommend checking out the link at the end of it):

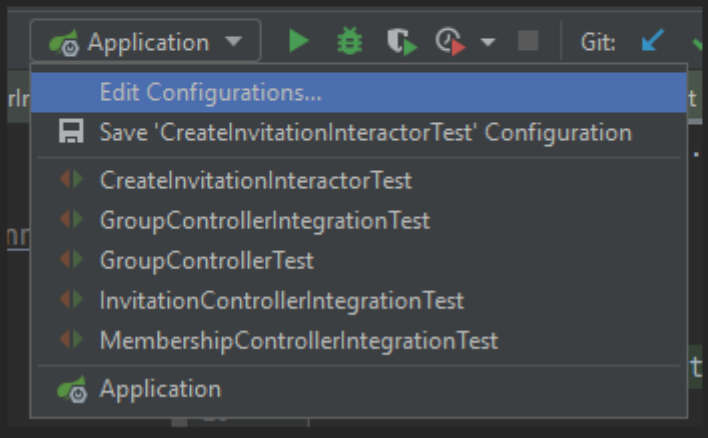
Env Variablen

sensitive Daten (= Datenbank Username und Passwort, sowie Emailadresse und -Passwort) werden jetzt durch Environment - Variablen dargestellt. IntelliJ greift auf diese mittels mit $ beginnender Token zu.

```
spring.datasource.username=${APP_DB_NAME}
spring.datasource.password=${APP_DB_PW}
spring.datasource.sqlScriptEncoding=UTF-8
spring.jpa.database-platform=org.hibernate

spring.h2.console.enabled=true

spring.h2.console.settings.trace=false
spring.h2.console.settings.web-allow-other


#specify Gmail SMTP server
spring.mail.host=smtp.gmail.com
spring.mail.properties.mail.smtp.ssl.trust
spring.mail.port=587
spring.mail.username=${MAIL_ADDRESS}
spring.mail.password=${MAIL_PW}
```

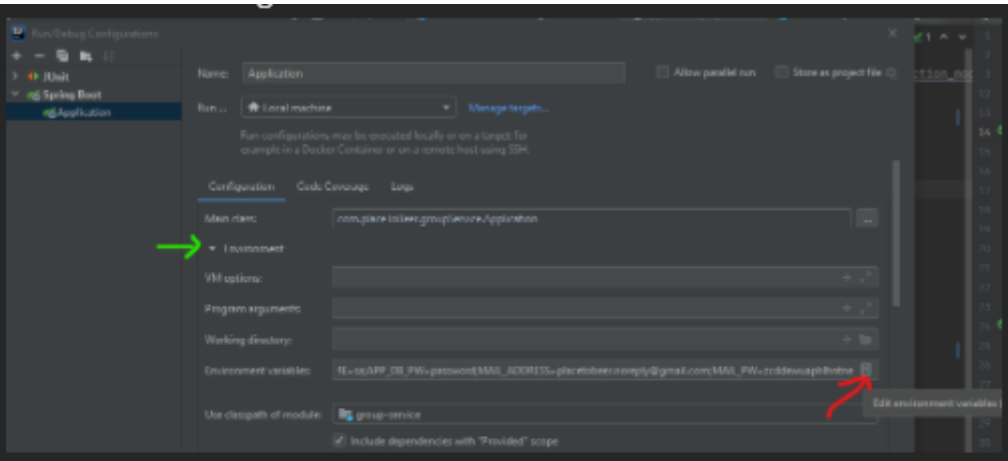
Environment Variablen einrichten:

1.



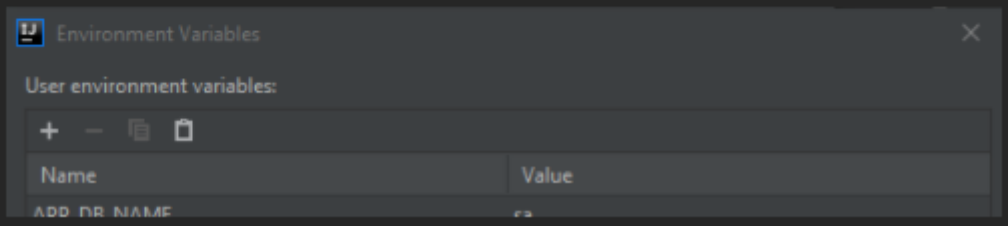
oben auf Edit Configurations...

2.



Dort unter Environment bei den Environment Variables rechts auf das Dokument - Symbol (Edit environment variables) klicken

3.



Hier können mit ➕ environment Variablen hinzugefügt werden --> Anschließend *Apply* clicken

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Sensitive Daten!

Name	Value
APP_DB_NAME	findYourOwnUsername
APP_DB_PW	findYourOwnPassword
MAIL_ADDRESS	findYourOwnEmail@gmail.com
MAIL_PW	findYourOwnEmailPassword

einzutragende Werte ↑

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das Tutorial: https://education.launchcode.org/gis-devops-2019/configurations/02-environment-variables-intellij/index.html

Email address: must be a “gmail.com” – Adress!

The rest can be chosen individually

Fill data base

In the backend, you might notice the group-service/src/main/resources/data.sql file, which contains all the data you will be working with.
Please consider: There is no Account system in the Backend running. Therefore, all the User-data must be inserted manually into the Database via the sql file.
The prepared Users are User with id = 4 (for login) and User with id = 11 (for registration).

Prepare Browser

To setup Angular in WebStorm you need to run **npm install** in the console. After that, you can start the CLI Angular Webserver by typing **npm start** (this may take a while [we had cases of 15+ min)

Prepare Backend

To prepare the Server run the backend by clicking the green triangle in the top right corner.

Now you should be prepared to use the application by accessing http://localhost:4200/ on in your Chrome Browser.

To access the database open http://localhost:8080/h2-console
Have fun!

Thank you for participating!

Sincerely,
the PlaceToBeer Team