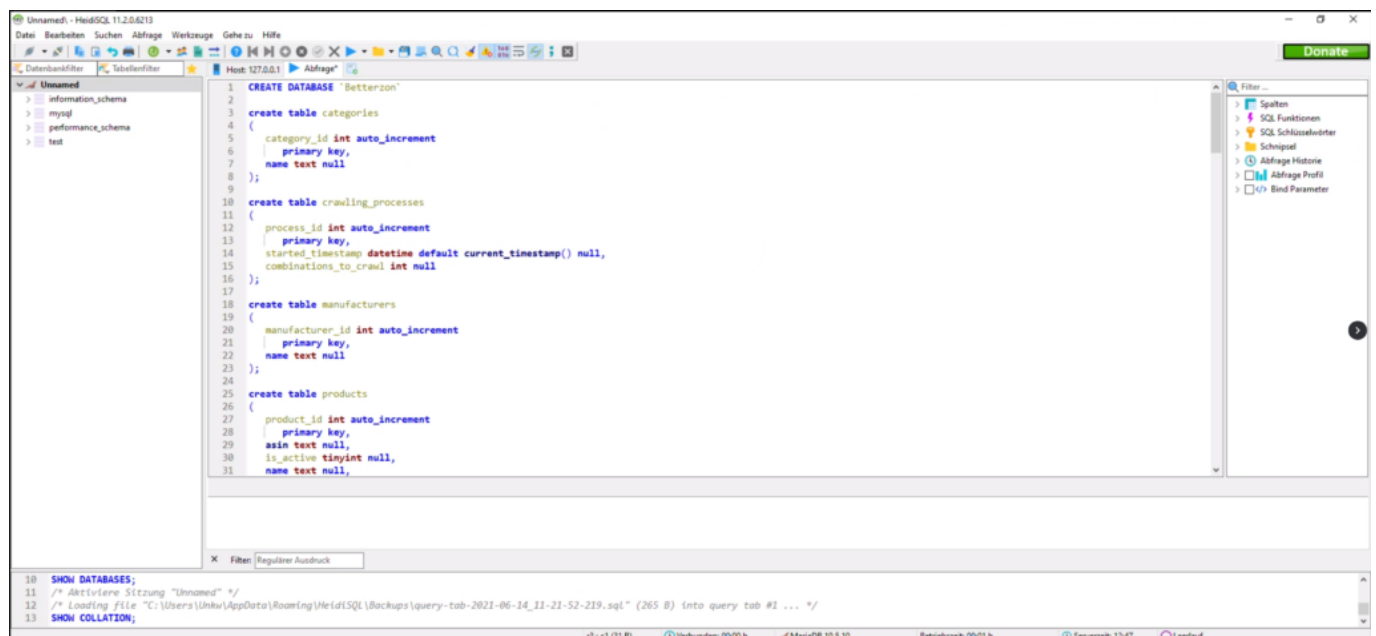


We would suggest running at least the backend in linux (or via wsl under windows) in order to prevent issues with npm under windows.

Install mariaDB: [Tutorial](#)

Be sure to leave the port set to 3306. Also, we assume the username and password to be root. If you choose to use a different username or password, make sure to remember these in one of the next steps.

Create the required database and tables with [this](#) SQL script. For this, you can use software like DataGrip or HeidiSQL (See screenshot below).



Install node & npm:

```
→ Desktop sudo apt install npm
```

Download the code:

```
→ Desktop git clone https://github.com/Mueller-Patrick/Betterzon
Cloning into 'Betterzon'...
remote: Enumerating objects: 2263, done.
remote: Counting objects: 100% (539/539), done.
remote: Compressing objects: 100% (316/316), done.
remote: Total 2263 (delta 333), reused 347 (delta 219), pack-reused 1724
Receiving objects: 100% (2263/2263), 4.01 MiB | 11.31 MiB/s, done.
Resolving deltas: 100% (1400/1400), done.
```

Switch into the Betterzon folder:

```
→ Desktop cd Betterzon
→ Betterzon git:(develop)
```

Switch to the backend folder and create the .env file:

```
→ Betterzon git:(develop) cd Backend
→ Backend git:(develop) vim .env
```

Enter the following values (we use standard username and password, don't do this in a production environment!)

```
PORT=7001
DB_HOST=localhost
DB_USER=root
DB_PASSWORD=root
DB_DATABASE=Betterzon
```

Install node modules, compile the typescript code and start the backend server:

```
npm i
npm run webpack
npm run start
```

```
→ Backend git:(develop) ✗ npm run start  
  
> Backend@1.0.0 start /home/paddy/Desktop/Betterzon/Backend  
> node dist/index  
  
Listening on port 7001
```

In the frontend, you can either use our backend (No adjustments needed and you already have data) or you can switch to your own backend server. To switch to your own server, you need to adjust the `apiUrl` variable under `Frontend/src/app/services/api.service.ts`. To use your own backend, it needs to be `http://localhost:7001`

```
cd ../Frontend  
npm i  
npm run start
```

At this point, everything should work and you can use the application in your browser under

`http://localhost:4200`

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localhost:4200

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