

Guuber

How to setup

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1.Purpose of this document.

This is the tutorial document about how to download and setup the runtime environment of Guuber. Please follow the detailed steps listed below to download, import and run Guuber.

2.Runtime requirement

- a. Java: JDK 8
- b. Android 5.1
- c. MySQL

3.Download

Guuber is a public repository hosted in github. The link of Guuber project is:

<https://github.com/helunwencser/Guuber.git>

To download Guuber:

```
git clone https://github.com/helunwencser/Guuber.git
```

4.Server

After downloading Guuber, you can start server using those commands:

```
cd Guuber/Server/src/  
sudo chmod +x ./startServer.sh  
./startServer.sh
```

Note: Make sure you have installed MySQL database. It will promote you input your MySQL username and password. Starting server is optional since we have our server running on AWS instance. You can use client without start server. If you do not want to run server on your machine, please skip this step.

5.Client

1. The Guuber/Guuber directory is the Android project for Guuber client. You can import it into Android Studio.

2. Configure Server public IP address in ws/remote/ServerConfig.java (Only need if you choose to run server on your machine, otherwise do not change the default server configuration)

3. Google API key: you can either a. put your own Google Map API key in AndroidManifest.xml and res/values/google_maps_api.xml, or b. Use our Google Map API

(already written in the two xml files), if so, please provide us with the *SHA-1 certificate fingerprint* of your device, as we need to add it to our API credentials to let you use Google Map.

4. You can run app either on an Android device or an emulator with hardcoded GPS information.

6. Contact us

If you have any issue to setup Guuber, please feel free to contact us.

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