# Tools & Languages

* Source Repository & Issue Tracker: GitHub
* Audino
  + ARDUINO 1.6.9
* Java
  + Compiler: JDK 8
  + Build Tool: Gradle
  + IDE: Whatever you want (e.g. IntelliJ, Eclipse)
* MQTT
  + Broker
    - <http://mosquitto.org/>
    - 1.4.8
  + Client
    - <https://eclipse.org/paho/clients/java/>
    - 1.0.2
* MySQL Server
  + Community Server (free)
  + 5.7.12
  + mysql-5.7.12-osx10.11-x86\_64.dmg

# Wi-Fi router in class-room

* Connection information
  + ASUS / 16swarchitect
  + LGArchi (open)
* Assigned IP
  + Gunwoo’s Mac: 192.168.1.20

# How to Setup Development Environment

## 1. Install JDK 8

You can download here: <http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

## 2. Install Git

You can download here: <https://git-scm.com/download/win>

## 3. Install IntelliJ

You can download here: <https://www.jetbrains.com/idea/?fromMenu#chooseYourEdition>

Choose community version!

## 4. Import Project in IntelliJ