# Voxx Run Parameter and Configuration

Instructions on how to run every Voxx component with or without an IDE. A documentation on how to build it for distribution is also provided below.

## Running on IDE

### Voxx client and server on IntelliJ

- Clone project from VCS using the following git repo

```
https://github.com/CyR1en/Voxx.git
```

- This should automatically open a new editor window and import the project as a Gradle project
- To run the server:
  - Locate `voxx-server\src\main\java\com.cyr1en.voxx.server\Launcer.java` on the project hierarchy
  - Click the play button next to the main method.
- To run the client:
  - Locate `voxx-client\src\main\java\com.cyr1en.voxx.client\VoxxApplication.java` on the project hierarchy
  - Click the play button next to the main method.
- For the voxx cli client, I recommend not using PyCharm to run it since it's a command line application.

### Voxx CLI

- Clone the voxx cli repo

```
git clone https://github.com/CyR1en/voxx-client-cli.git
```

- Change directory to voxx-client-cli

```
cd voxx-client-cli
```

- Make a virtual environment

```
python -m venv venv
```

- Activate the venv
  - For windows:

```
.\venv\Scripts\activate
```

  - For mac:

```
source ./venv/bin/activate
```

- Install requirements

```
pip install -U -r requirements.txt
```

- Run voxx module (not installing voxx-cli)

```
python -m voxx -h
```

## Building Voxx (Without IDE)

- To build and run Voxx server (Assuming the repo is cloned)

```
./gradlew clean :voxx-server:build

java -jar build/libs/voxx-server-<version>.jar
```

- To build the client without installer

```
./gradlew clean :voxx-client:jpackage -PskipInstaller=True
```

This will build an executable file in `voxx-client/builds/jpackage`

- To build command line executable for `voxx-cli` (assuming the voxx-cli-client is cloned, a venv exists, and the requirements are installed)

```
python setup.py install

voxx-cli -h
```

(Only going to be available when venv is active)

- To build command line executable for `voxx-cli` (assuming the voxx-cli-client is cloned, a venv exists, and the requirements are installed)