

# Install the PocketCampus development environment

Install Ubuntu

Install JDK

```
apt-get install openjdk-7-jdk
```

Download and extract ADT Bundle in home dir

Open Eclipse (from ADT), Open Android SDK Manager, and Install API level 10

Install Git

```
apt-get install git
```

Clone the PocketCampus repo

```
git clone https://github.com/PocketCampus/pocketcampus.git
```

Install Ant

```
apt-get install ant
```

Install MySQL

```
apt-get install mysql-server
```

Install PHP

```
apt-get install php5-cli
```

Add local.properties

```
echo "sdk.dir=/path/to/android-sdk" > android/PocketCampus/local.properties
```

(Now you can compile server and client.)

Run all the create\_database, create\_tables, and initialize\_tables sql files

```
mysql -u root -p < create_database.sql
```

```
mysql -u root -p pocketcampus < create_tables.sql
```

```
mysql -u root -p pocketcampus < initialize_tables.sql
```

Copy the server config file to /etc

```
cp platform/sdk/platform.sdk.server/src/org/pocketcampus/platform/launcher/server/pocketcampus-server.config /etc/
```

Edit server config file accordingly

```
DB_USERNAME=root
```

```
DB_PASSWORD=root
```

```
DB_URL=jdbc:mysql://localhost/pocketcampus
```

Copy the android config file to /sdcard

```
adb push platform/sdk/platform.sdk.android/res/raw/pocketcampus.config /sdcard/
```

Edit android config file accordingly

```
SERVER_ADDRESS=128.178.77.236
```

(Now you can run server and client.)

You may as well import the projects (plugins) you work on into Eclipse