

Note: Please install the docker & docker-compose & verify it by following commands.

docker --version

Output: Docker version 24.0.5

docker-compose --version

Output: docker-compose version 1.29.2

1) Checkout Github Medplat Project

Checkout project from <https://github.com/ArgussoftOpen/medplat>

For Linux/macOS :

git clone <https://github.com/ArgussoftOpen/medplat.git>

For Windows :

git clone <https://github.com/ArgussoftOpen/medplat.git> --config core.autocrlf=false

Move into medplat folder

2) Start Server :

To **START** the Backend server and ui execute the below command from the terminal

docker-compose up --build

It will up the server on localhost port 8181. <http://127.0.0.1:8181/medplat-ui/>

If docker is hosted on public ip/domain it can be accessed by public ip/domain

Note: Above command will create two docker images and create instances from both.

3) STOP server :

To **STOP** the backend server and UI execute the following command from a terminal

docker-compose down

4) Check docker status :

To Display a list of images and instances following commands can be used

docker images

docker ps

```
argus@devops:~$ docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
medplat_web   latest    52c440b8250d   5 days ago    716MB
postgres      latest    f0ff6ef79497   3 weeks ago   412MB

argus@devops:~$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                               NAMES
86a5294e4eb5   medplat_web   "/usr/entrypoint.sh"     5 days ago    Up 45 hours   0.0.0.0:8181->8181/tcp, :::8181->8181/tcp   medplat_web_1
637658e5d739   postgres:late "docker-entrypoint.s..." 5 days ago    Up 5 days     0.0.0.0:5432->5432/tcp, :::5432->5432/tcp   medplat_db_1
```

5) Build Mobile App :

Update Dockerfile.android line 49

Replace <http://dpg.argussoft.com/> with your server's public IP or domain followed by port 8181 if not changed on the server

To create a **.apk file** you need to execute the following command from the terminal
docker-compose -f docker-compose-android.yml up --build

6) APK File Location :

To check **.apk file** has been successfully created you have to check in the following directory
\$HOME/medplat-temp/apk-package/

NOTE :

For windows search from this path = *C:\Users\%USER%\AppData\Local\Docker\ws\data*

Inside the ext4 path can be this = *docker-desktop\tmp\docker-desktop-root\containers\services\docker\rootfs*