

# OpenALPR

## Android

[reference](#)

## Requirements

### android sdk

### android-ndk

/etc/profile.d/sdk.sh

```
export NDKROOT=/lab/sdk/android-ndk-r10e
export ANDROID_HOME=/lab/sdk/android-sdk-linux
export
PATH=${PATH}:${NDKROOT}:${ANDROID_HOME}/tools:${ANDROID_HOME}/platform-
tools/
export ANDROID_CMAKE_TOOLCHAIN=/lab/sdk/android-
cmake/android.toolchain.cmake
```

## Eclipse

- Add ADT (android) plugin Help → add new software → <https://dl-ssl.google.com/android/eclipse/> and set android sdk path
- Add CDT (C++) plugin: Help → add new software → <http://download.eclipse.org/tools/cdt/releases/8.8>

## opencv

### [opencv for android sdk](#)

- Unpack to /lab/sdk/ and Import /lab/sdk/**OpenCV-android-sdk** into eclipse
- On opencv projects add C++ nature: Properties → New → Other → C/C++ → Convert to a C/C++ project
- Project Properties → C/C++ Build, and replace “Build command” text to “\${NDKROOT}/ndk-build”
- Project Properties → Android → set target

## tess-two

- [github](#)

```
git clone git://github.com/rmtheis/tess-two tess
cd tess
cd tess-two
ndk-build
android update project --path .
ant release
```

```
/lab/sdk/0penCV-android-sdk
```

### android-cmake

```
cd /lab/sdk
git clone https://github.com/taka-no-me/android-cmake.git
# update path in sdk.sh above
```

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