

CSE 162 - Lab 3 Supplementary Activity Recognition, System Config

Working configurations

Here are two sets of working configurations. Please implement the following, with detailed gradle settings on the following slides.

Windows:

Java 22 environment

Gradle wrapper: Gradle 7.2

SDK: from 21-29, targeting 27

JDK: Corretto-11 (you can download it from

<https://docs.aws.amazon.com/corretto/latest/corretto-11-ug/downloads-list.html>)

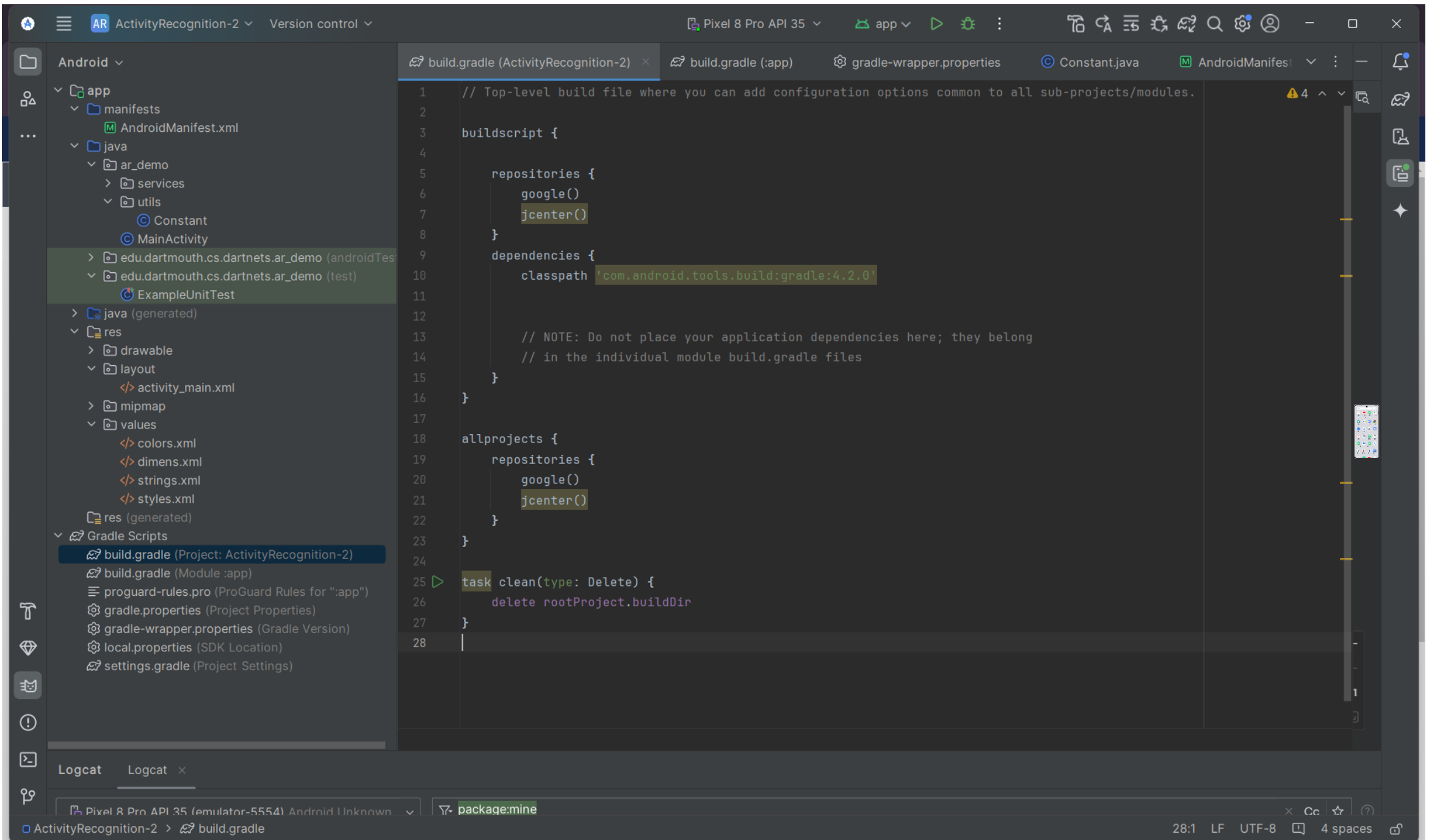
AVD: API 35

Mac:

SDK: from 21-29, targeting 27

JDK: Android Default 11.0.13

AVD: API 31



ARActivityRecognition-2Version control

Android

app

manifests

AndroidManifest.xml

java

ar_demo

services

utils

Constant

MainActivity

edu.dartmouth.cs.dartnets.ar_demo (androidTest)

edu.dartmouth.cs.dartnets.ar_demo (test)

ExampleUnitTest

java (generated)

res

drawable

layout

activity_main.xml

mipmap

values

colors.xml

dimens.xml

strings.xml

styles.xml

res (generated)

Gradle Scripts

build.gradle (Project: ActivityRecognition-2)

build.gradle (Module :app)

proguard-rules.pro (ProGuard Rules for ":app")

gradle.properties (Project Properties)

gradle-wrapper.properties (Gradle Version)

local.properties (SDK Location)

settings.gradle (Project Settings)

build.gradle (ActivityRecognition-2)

build.gradle (:app)

gradle-wrapper.properties

Constant.java

AndroidManifest.xml

```
1  apply plugin: 'com.android.application'
2
3  android {
4      compileSdkVersion 29
5      defaultConfig {
6          applicationId "edu.dartmouth.cs.dartnets.ar_demo"
7          minSdkVersion 21
8          targetSdkVersion 27
9          versionCode 1
10         versionName "1.0"
11         testInstrumentationRunner "androidx.test.runner.AndroidJUnitRunner"
12     }
13     buildTypes {
14         release {
15             minifyEnabled false
16             proguardFiles getDefaultProguardFile('proguard-android.txt'), 'proguard-rules.pro'
17         }
18     }
19 }
20
21 dependencies {
22     implementation fileTree(dir: 'libs', include: ['*.jar'])
23     implementation 'androidx.appcompat:appcompat:1.1.0'
24     implementation ('com.google.android.gms:play-services-location:15.0.0'){
25         exclude group: "com.android.support"
26     }
27     testImplementation 'junit:junit:4.12'
28     androidTestImplementation 'androidx.test.ext:junit:1.1.1'
29     androidTestImplementation 'androidx.test.espresso:espresso-core:3.2.0'
30 }
31
```

Logcat

Logcat

Pixel 8 Pro API 35 (emulator-5554) Android Unknown

package:mine

31:1LFUTF-84 spaces

ARActivityRecognition-2Version control

Pixel 8 Pro API 35app

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adl-wrapper.properties

Constant.java

AndroidManifest.xml

colors.xml

MainActivity.java

gradle.properties

```
1 # Project-wide Gradle settings.
2 # IDE (e.g. Android Studio) users:
3 # Gradle settings configured through the IDE *will override*
4 # any settings specified in this file.
5 # For more details on how to configure your build environment visit
6 # http://www.gradle.org/docs/current/userguide/build\_environment.html
7 # Specifies the JVM arguments used for the daemon process.
8 # The setting is particularly useful for tweaking memory settings.
9 android.enableJetifier=true
10 android.useAndroidX=true
11 org.gradle.jvmargs=-Xmx1536m
12 # When configured, Gradle will run in incubating parallel mode.
13 # This option should only be used with decoupled projects. More details, visit
14 # http://www.gradle.org/docs/current/userguide/multi\_project\_builds.html#sec:decoupled\_projects
15 # org.gradle.parallel=true
16
```

LogcatLogcat

Pixel 8 Pro API 35 (emulator-5554) Android Unknownpackage:mine

ActivityRecognition-2 > gradle.properties16:1 LF ISO-8859-14 spaces