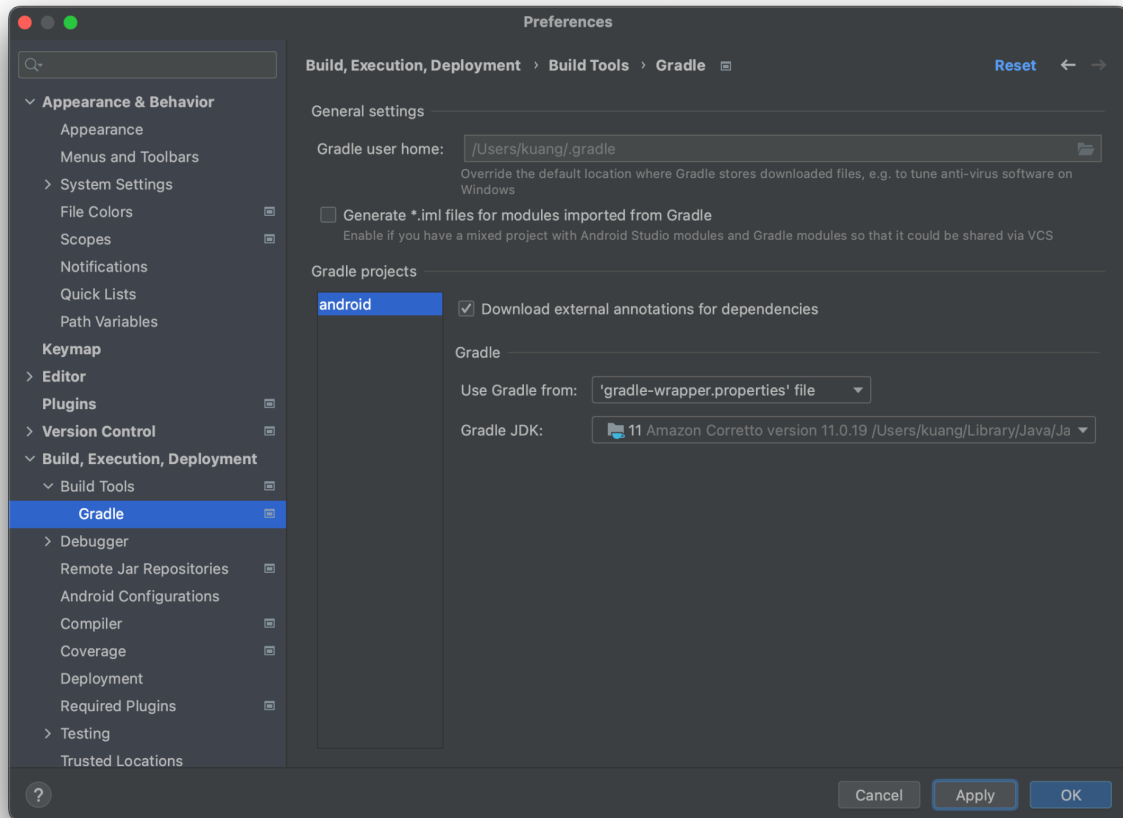


## Android multi-app

First thing first, if the Android environment does not work with the brand new RN app, don't forget to change Gradle SDK from 1.8 to 11:



(1) Create the second app `app2` within the same Android project

In Terminal,

```
`cd <RN_APP_ROOT>/android`  
`mkdir app2 && cd app2`  
`cp -R ../app/*`
```

In `android/settings.gradle` add `app2`

...

```
rootProject.name = 'app'
```

apply from:

```
file("../node_modules/@react-native-community/cli-platform-android/native_modules.gradle");
```

```
applyNativeModulesSettingsGradle(settings)
```

```
include ':app'
```

```
include ':app2'
```

```
includeBuild('../node_modules/@react-native/gradle-plugin')
...
```

In `android/app2/build.gradle` change applicationId

```
...
```

```
    applicationId "com.app2"
...
```

In `android/app2/src/main/java/com/app/MainActivity.java` change JS app to `app2`

```
...
```

```
public class MainActivity extends ReactActivity {

    /**
     * Returns the name of the main component registered from JavaScript. This is used to
    schedule
     * rendering of the component.
     */
    @Override
    protected String getMainComponentName() {
        return "app2"; // Change this to "app2" to load "app2"'s JS bundle
    }
    ...
}
```

In `android/app2/src/main/res/values/strings.xml` change app2's display name

```
...
```

```
<resources>
    <string name="app_name">app2</string>
</resources>
...
```

(2) Run app2

In Terminal start Metro for app2

```
`cd <RN_APP_ROOT>/packages/app2`
```

```
`yarn start`
```

From Android studio choose app2 to run

