Application Structure



```
apply plugin: 'com.android.application'
apply plugin: 'kotlin-android'
apply plugin: 'kotlin-android-extensions'
androidExtensions {
  experimental = true
android {
 compileSdkVersion 28
 defaultConfig {
    applicationId "org.wit.placemark"
   minSdkVersion 23
   targetSdkVersion 28
    versionCode 1
    versionName "1.0"
   testInstrumentationRunner "android.support.test.runner.AndroidJUnitRunner"
 buildTypes {
    release {
      minifyEnabled false
      proguardFiles getDefaultProguardFile('proguard-android.txt'), 'proguard-rules.pro'
dependencies {
  implementation fileTree(dir: 'libs', include: ['*.jar'])
  implementation "org.jetbrains.kotlin:kotlin-stdlib-jdk7:$kotlin_version"
  implementation 'com.android.support:appcompat-v7:28.0.0'
  implementation 'com.android.support.constraint:constraint-layout:1.1.3'
  implementation 'com.android.support:design:28.0.0'
  implementation 'com.android.support:cardview-v7:28.0.0'
  implementation 'com.google.android.gms:play-services-maps:16.0.0'
  implementation "com.google.android.gms:play-services-location:16.0.0"
  implementation 'org.jetbrains.anko:anko-commons:0.10.7'
  implementation "com.google.code.gson:gson:2.8.5"
 testImplementation 'junit:junit:4.12'
  androidTestImplementation 'com.android.support.test:runner:1.0.2'
  androidTestImplementation 'com.android.support.test.espresso:espresso-core:3.0.2'
```

build.gradle

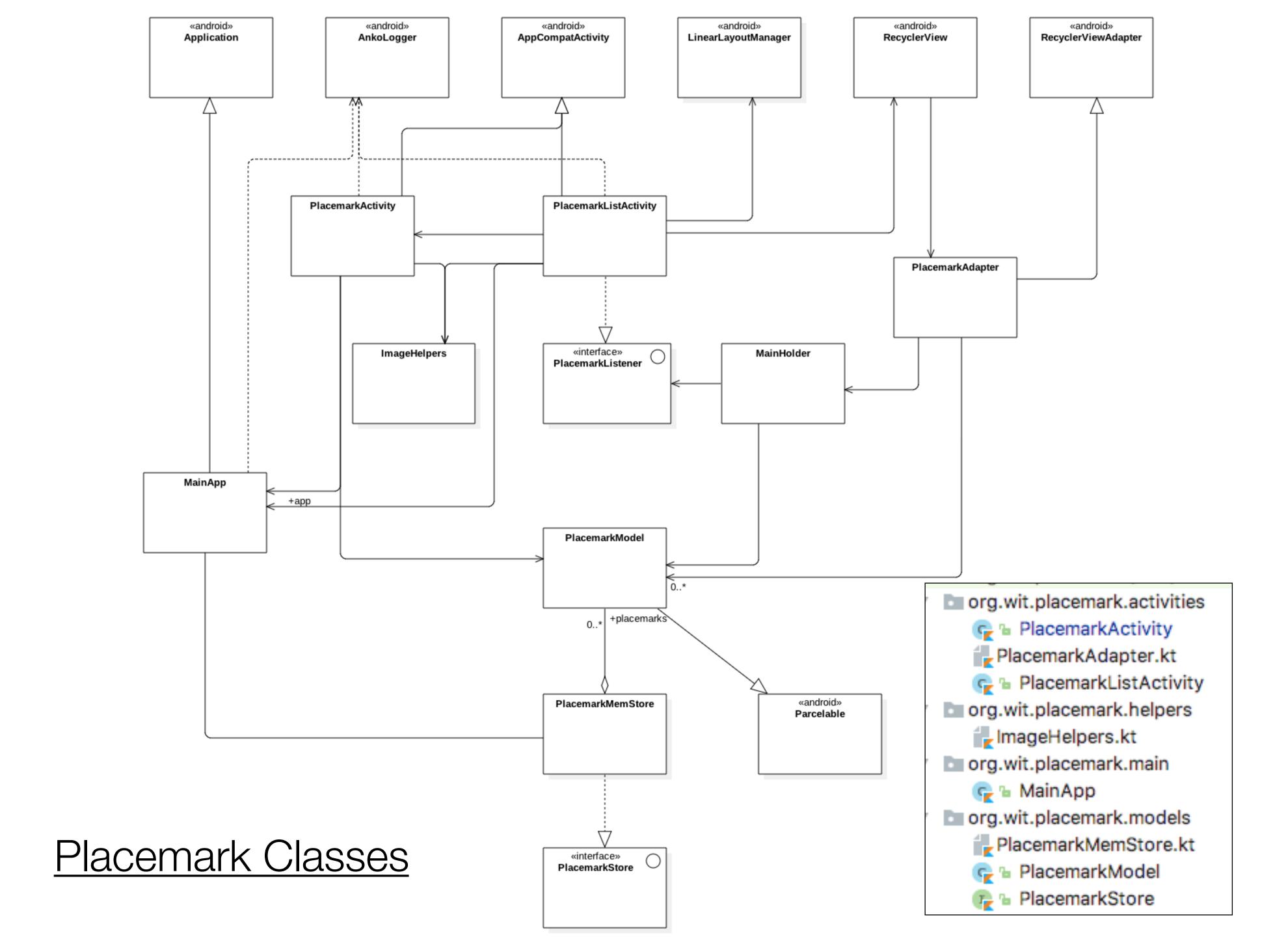
android.manifest

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"</pre>
 package="org.wit.placemark">
 <application
   android:name="org.wit.placemark.main.MainApp"
   android:allowBackup="true"
   android:icon="@mipmap/ic_launcher"
   android:label="@string/app_name"
   android:roundIcon="@mipmap/ic_launcher_round"
   android:supportsRtl="true"
   android:theme="@style/AppTheme">
    <activity android:name=".activities.PlacemarkActivity">
   </activity>
   <activity android:name=".activities.PlacemarkListActivity">
      <intent-filter>
        <action android:name="android.intent.action.MAIN"/>
        <category android:name="android.intent.category.LAUNCHER"/>
      </intent-filter>
    </activity>
 </application>
</manifest>
```

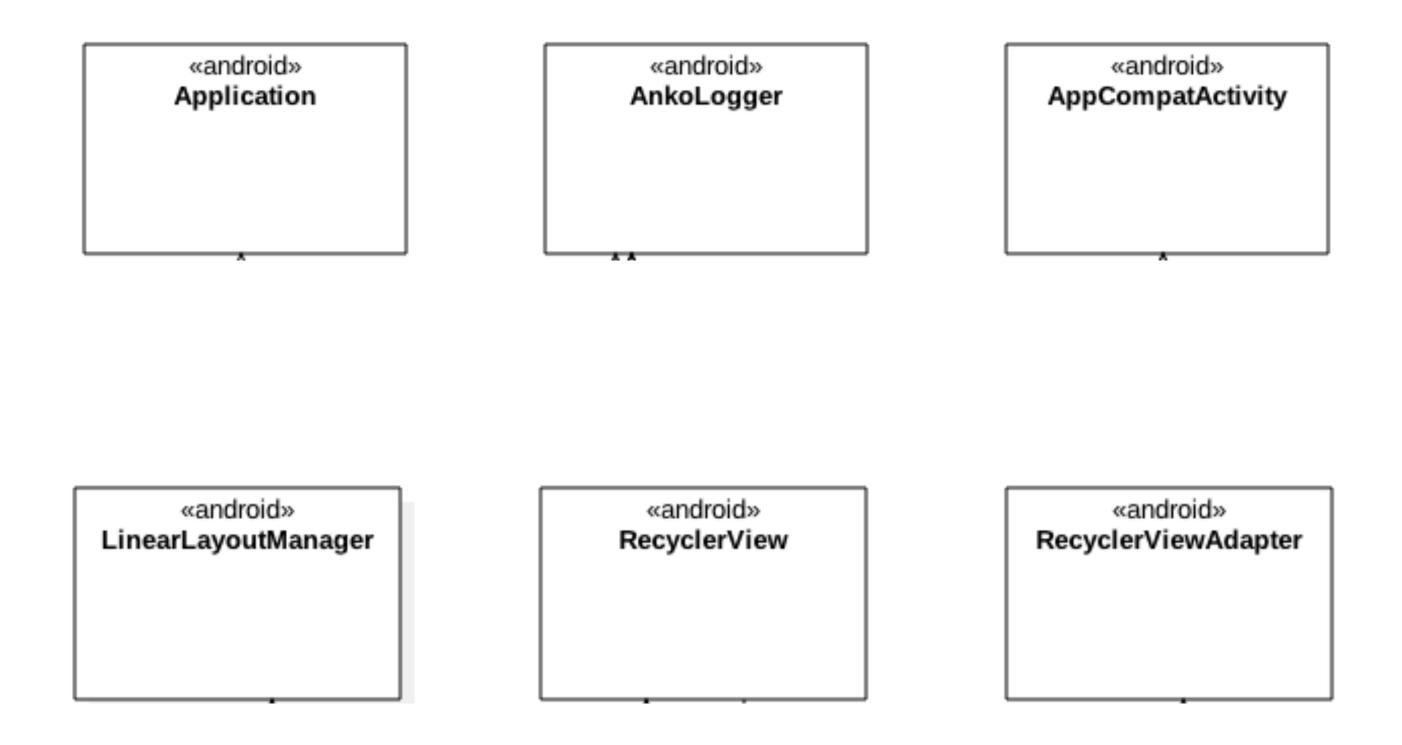
```
🐂 app
  manifests
       AndroidManifest.xml
  java
      org.wit.placemark (androidTest)
       org.wit.placemark (test)
    org.wit.placemark.activities
         PlacemarkActivity
          PlacemarkAdapter.kt
         PlacemarkListActivity
    org.wit.placemark.helpers
          mageHelpers.kt
    org.wit.placemark.main
          🕝 🖫 MainApp
    org.wit.placemark.models
          PlacemarkMemStore.kt
         PlacemarkModel

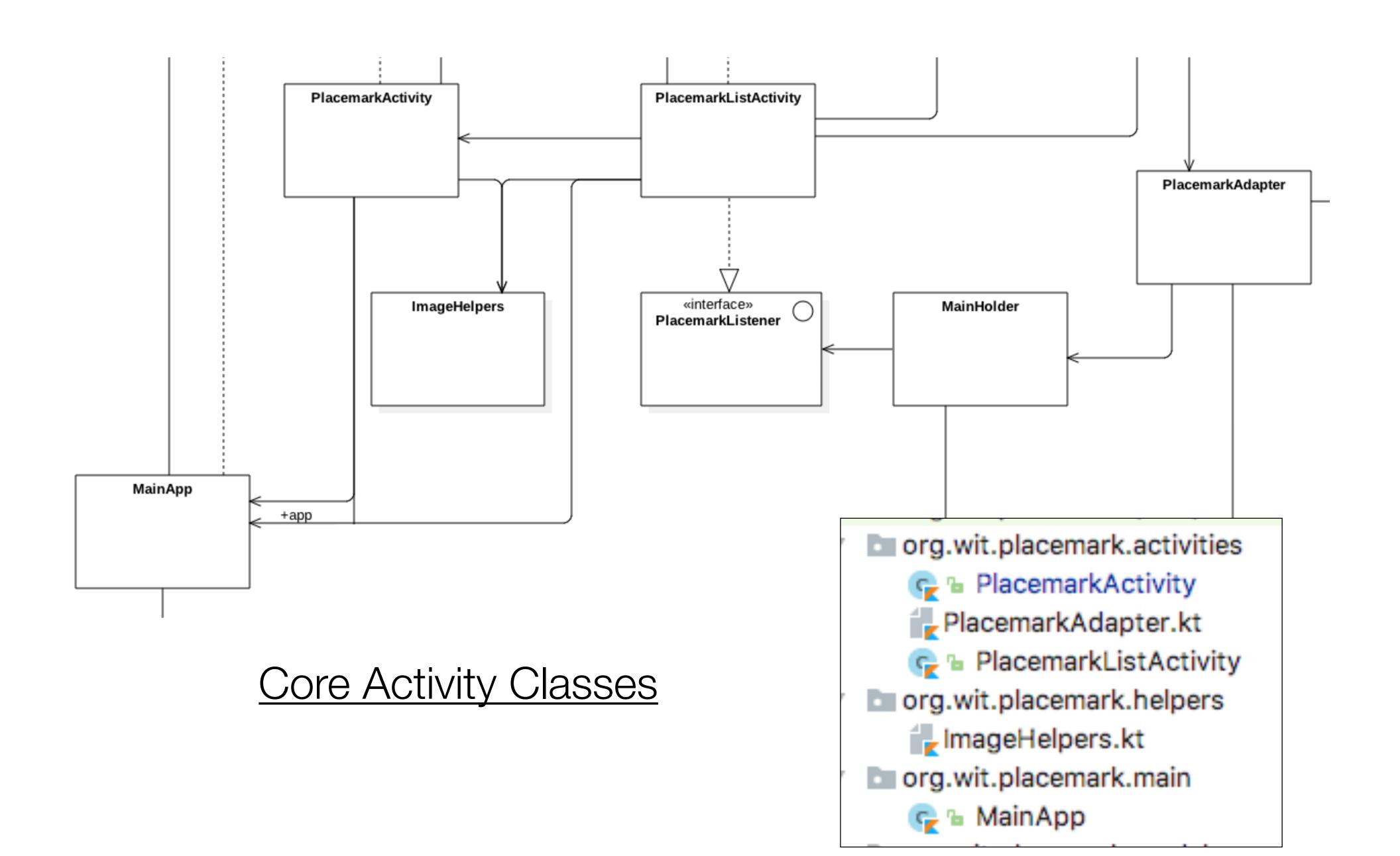
№ PlacemarkStore

  ▼ res
      drawable
    layout
          activity_placemark.xml
          activity_placemark_list.xml
          ard_placemark.xml
    menu
          menu_main.xml
          menu_placemark.xml
    mipmap
     values
Gradle Scripts
    build.gradle (Project: placemark-origin)
    build.gradle (Module: app)
```



Key Android Classes





Placemark Model

