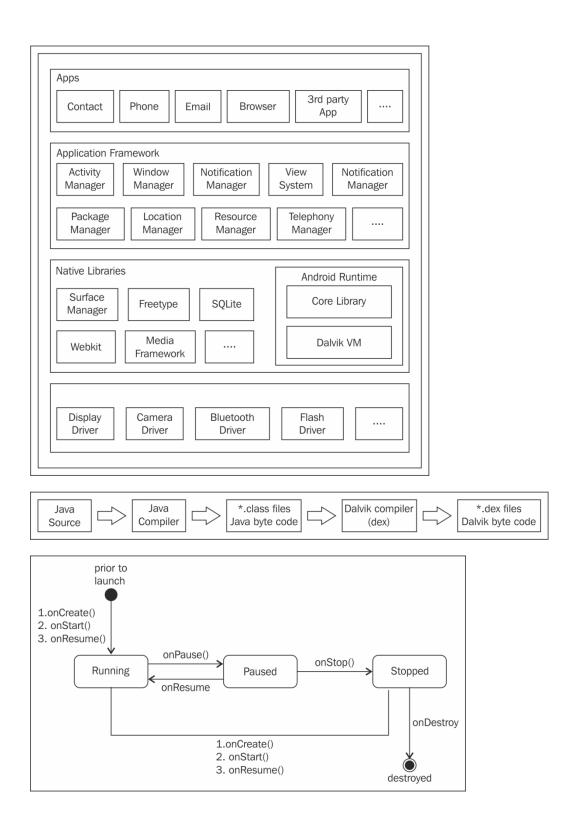
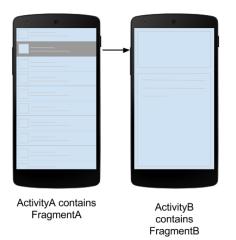
Chapter 1: The Anatomy of an Android App



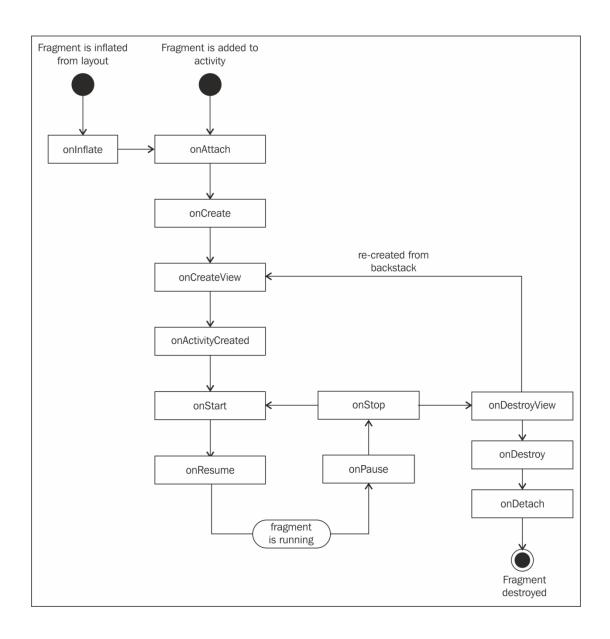
Selecting item on ActivityA starts ActivityB

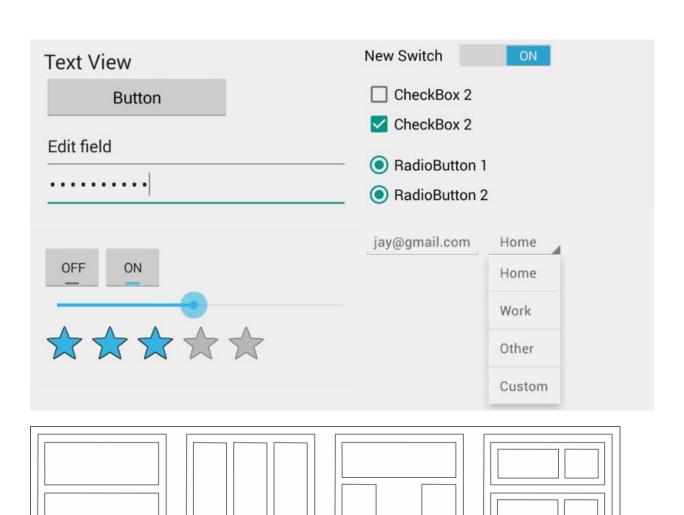


Selecting item on FragmentA updates FragmentB



ActivityA contains FragmentA and FragmentB





Relative Layout

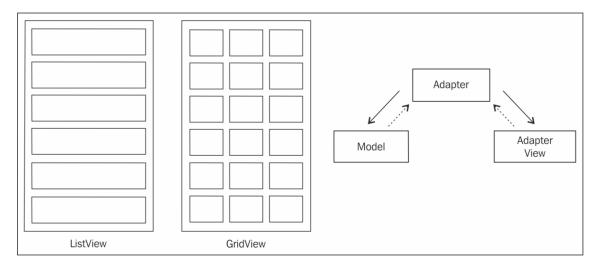
Table Layout

Linearlayout

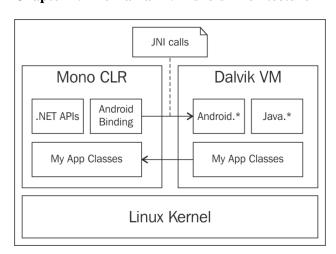
(vertical)

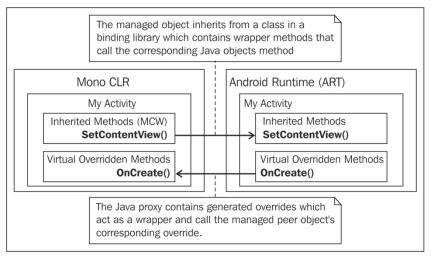
Linearlayout

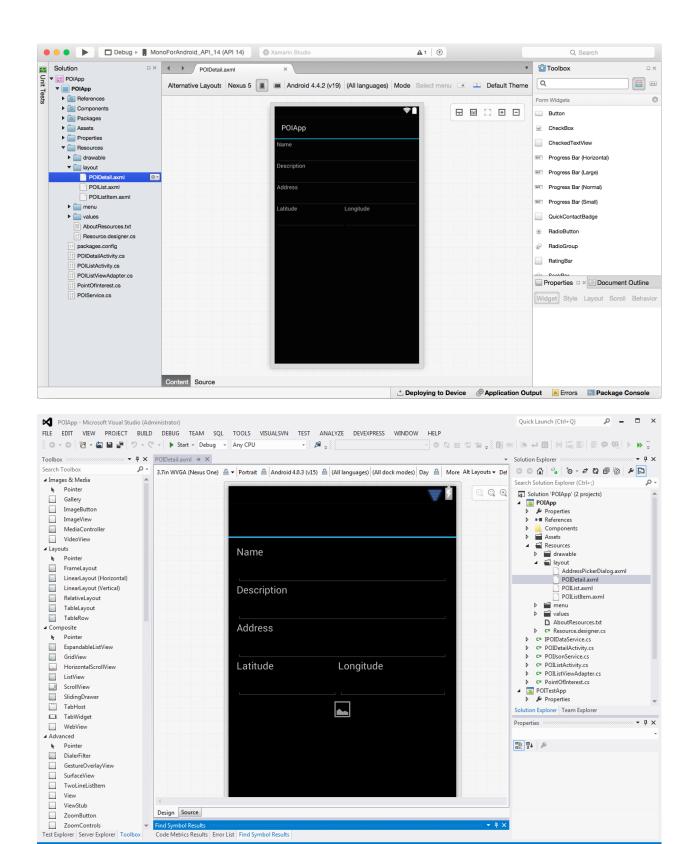
(horizontal)



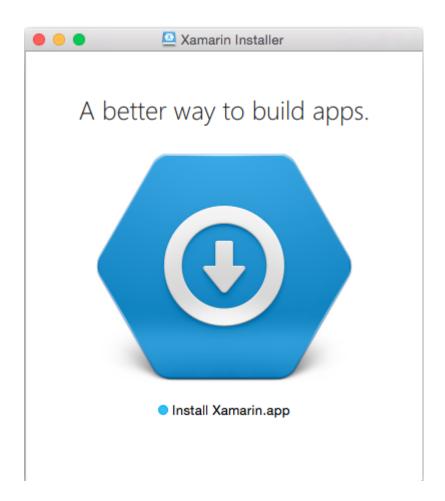
Chapter 2: The Xamarin.Android Architecture

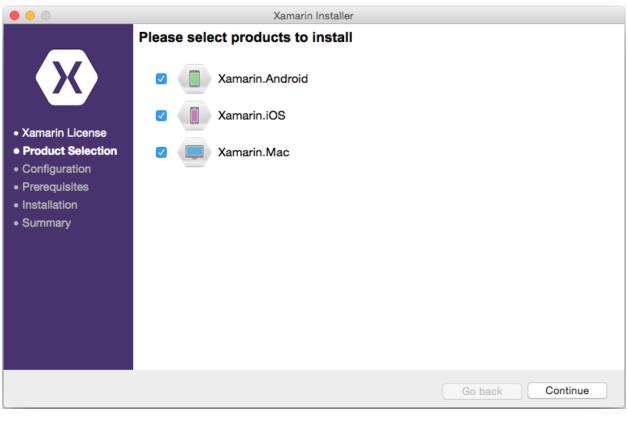


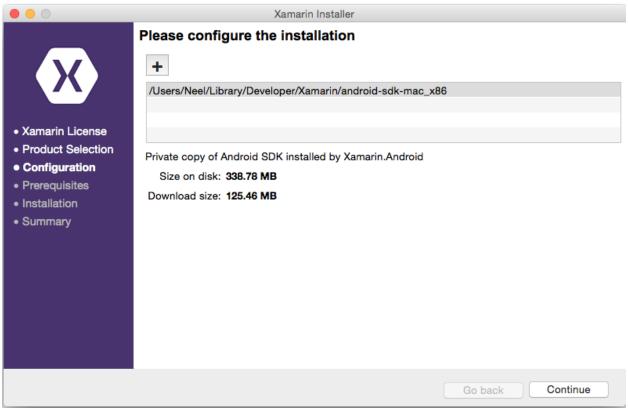


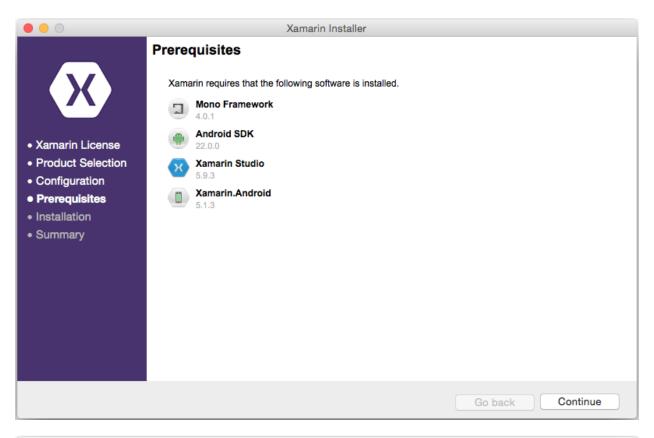


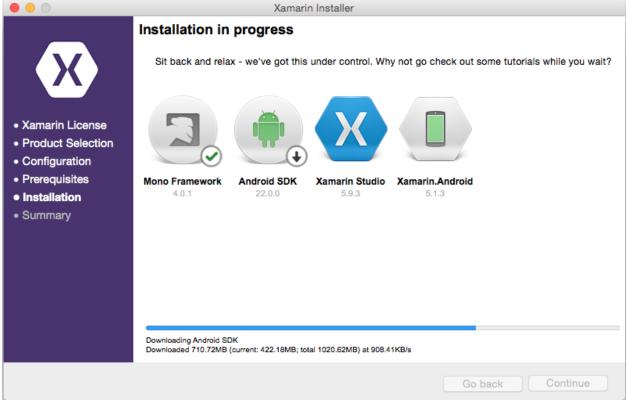
Chapter 3: Creating the Points Of Interest App

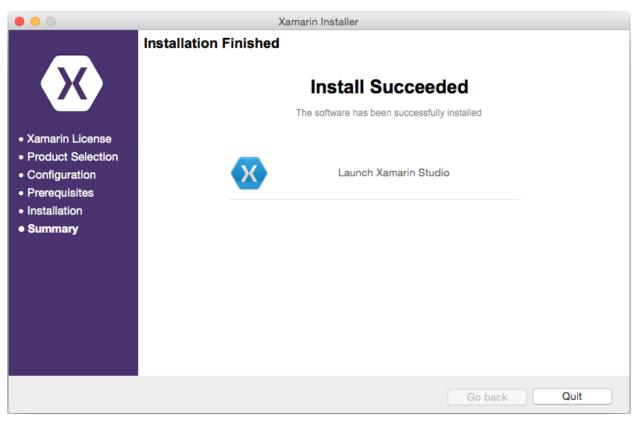


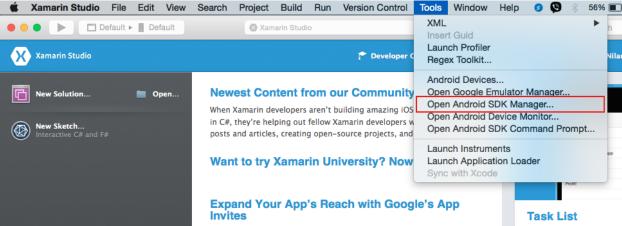


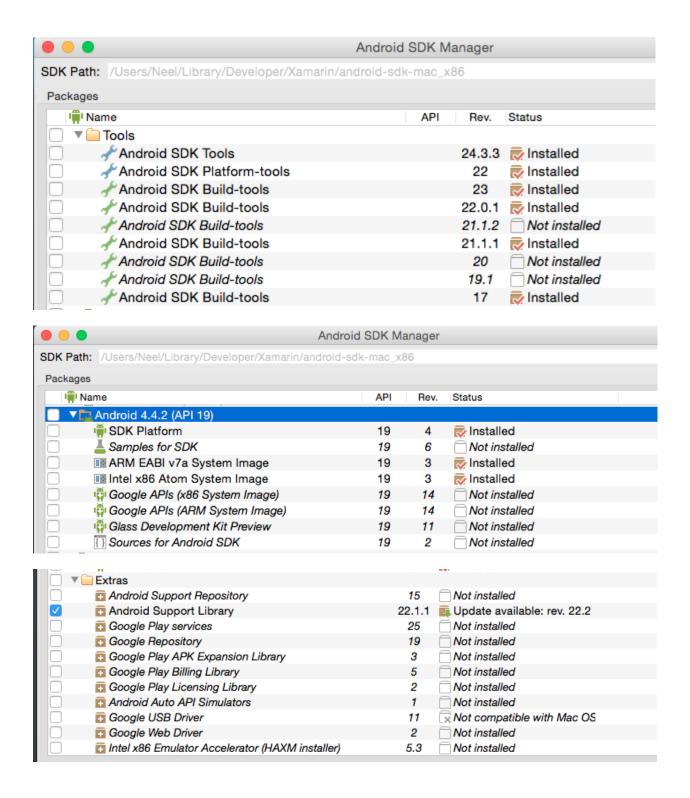


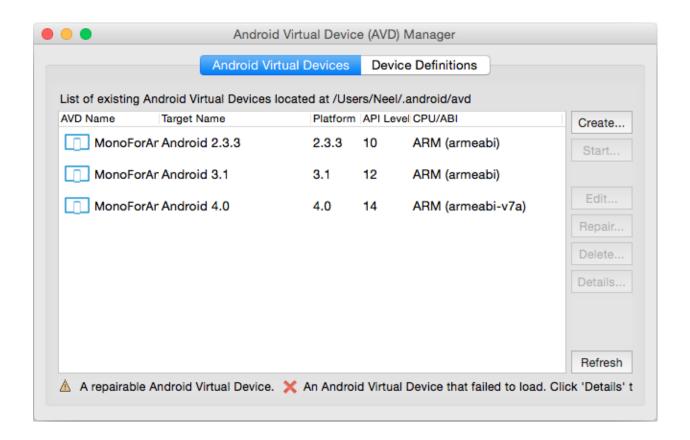


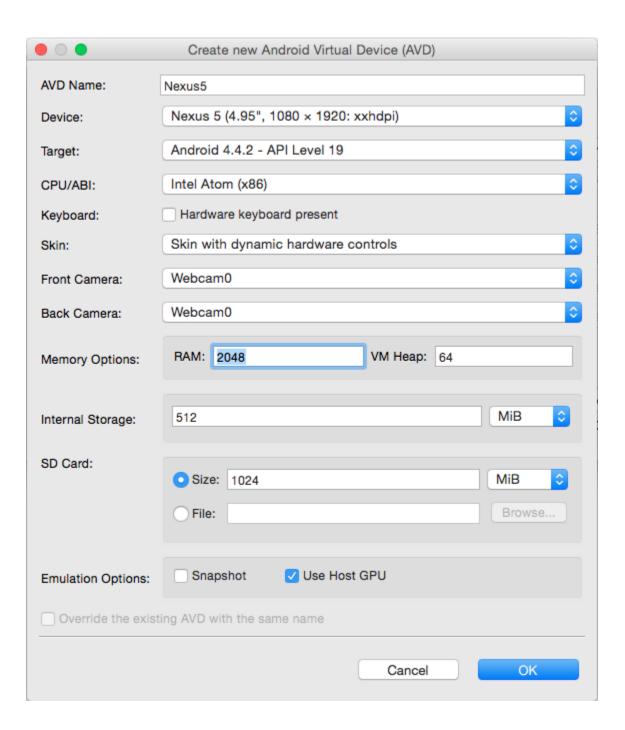


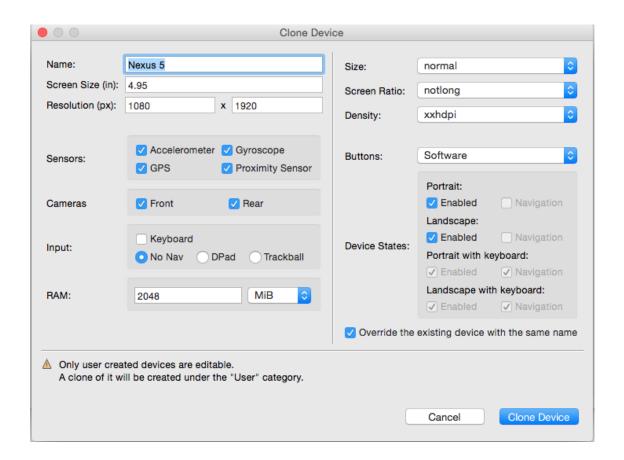


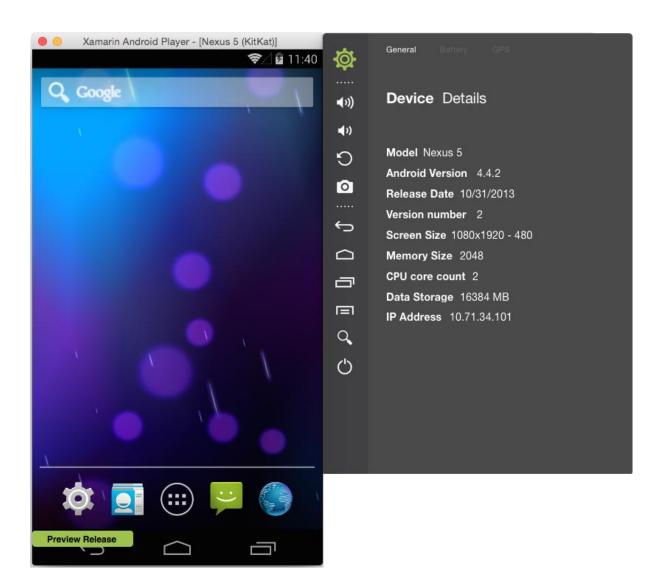


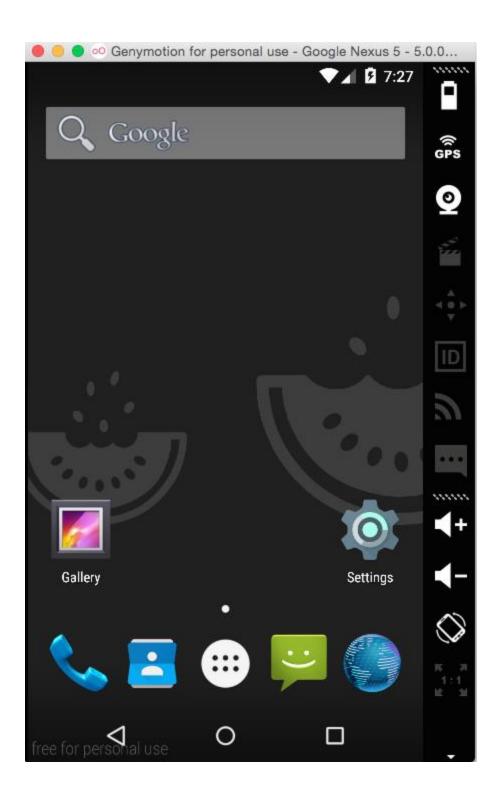


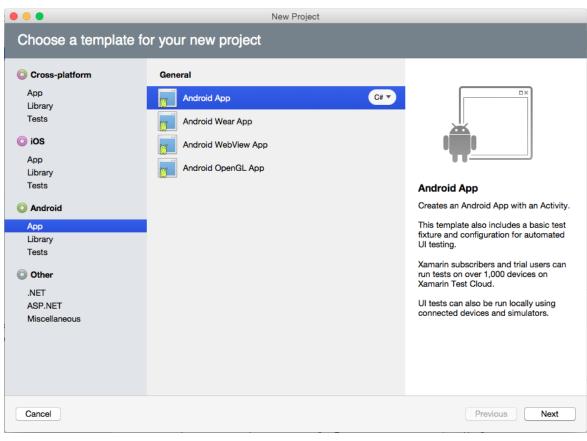


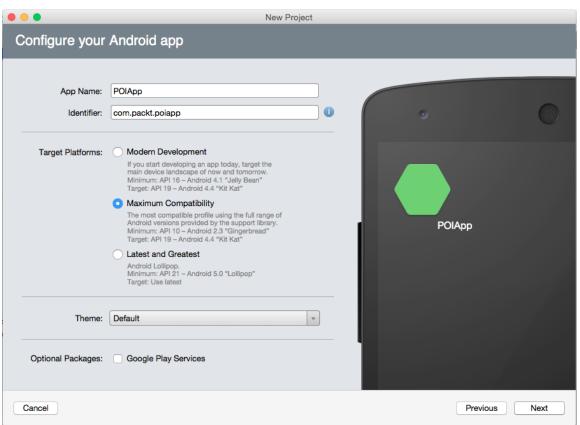


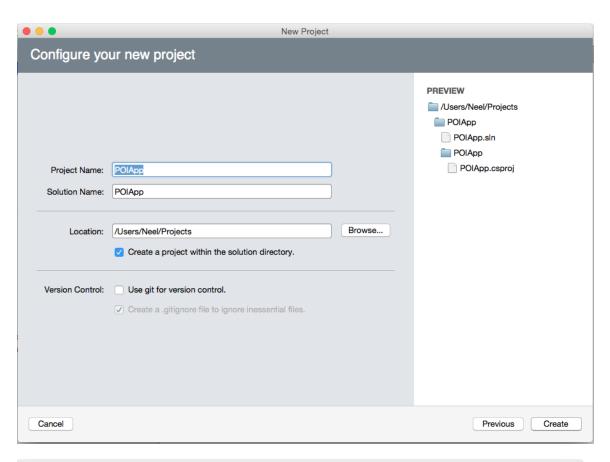


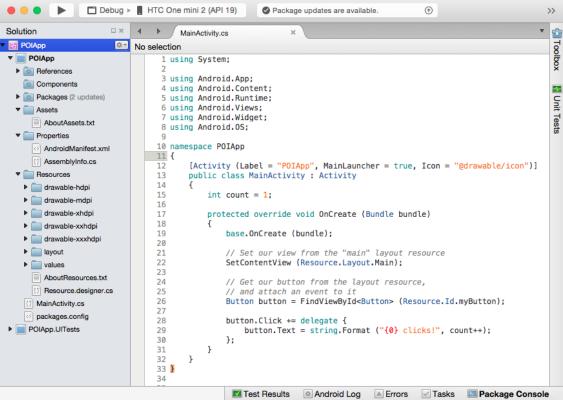


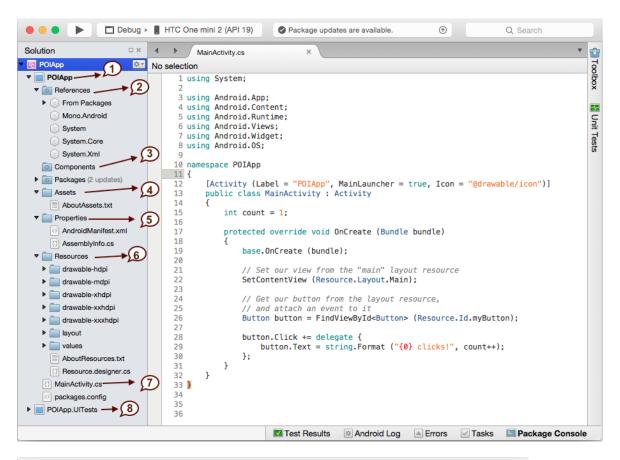


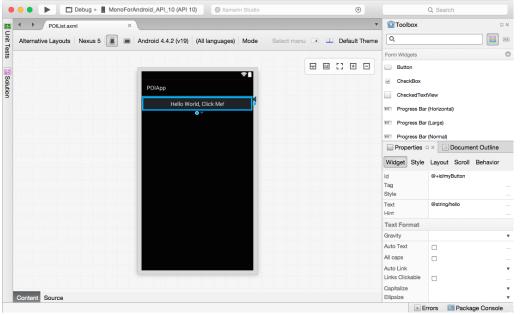


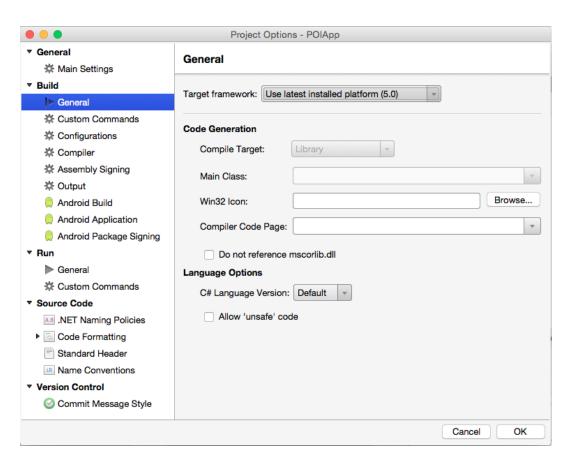


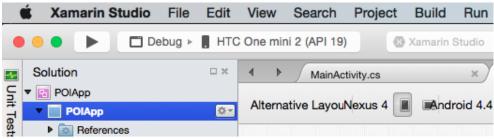


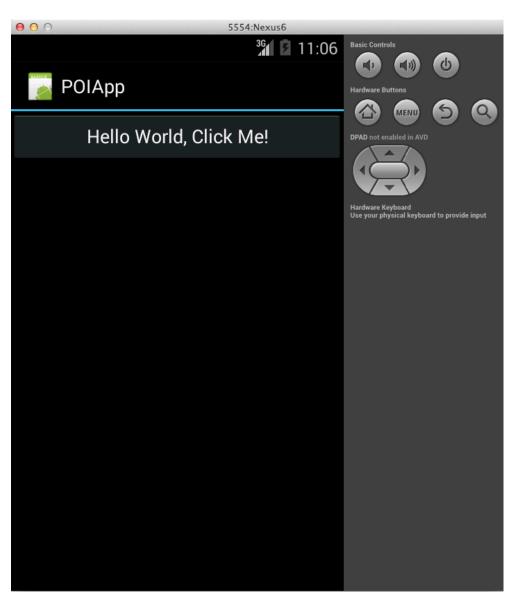


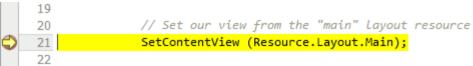




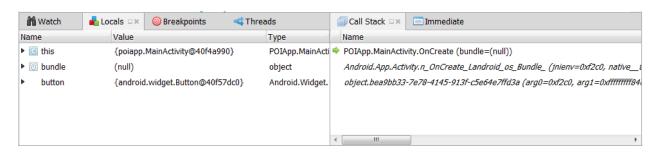




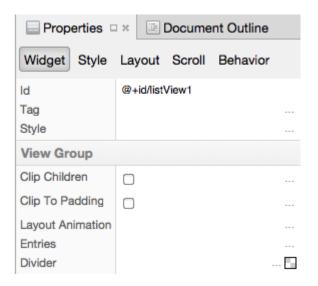


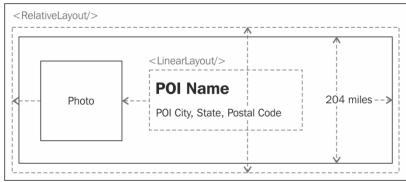




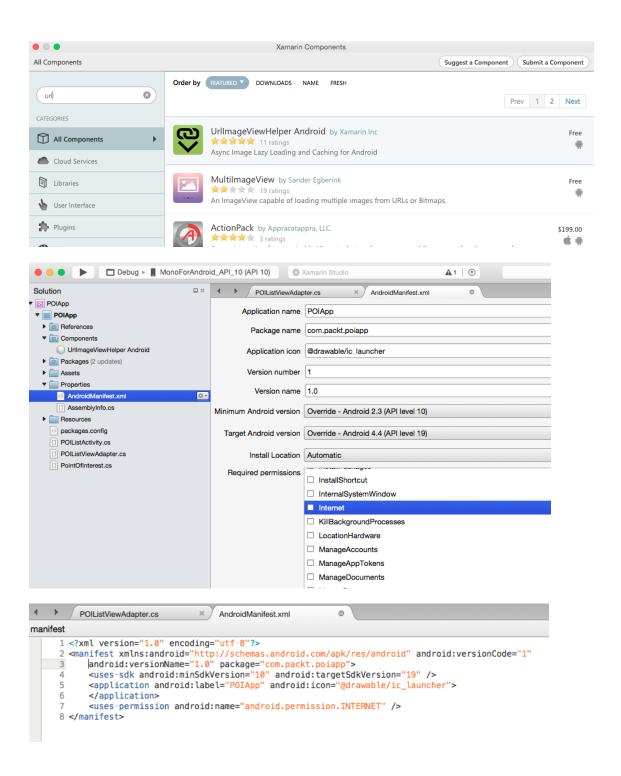


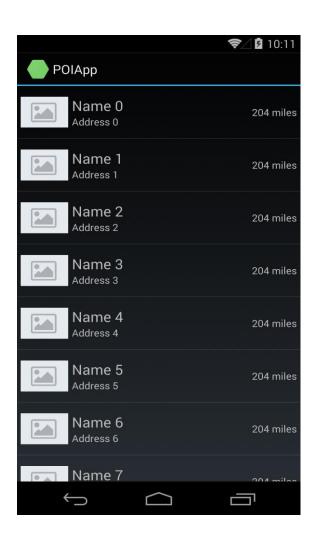
Chapter 4: Adding a List View

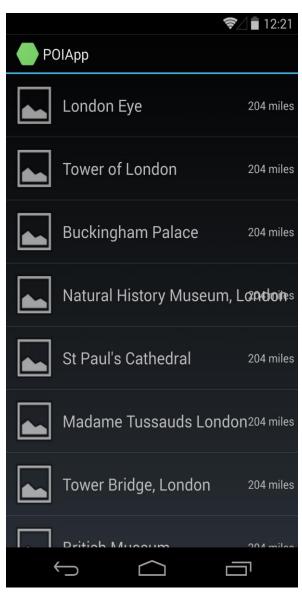


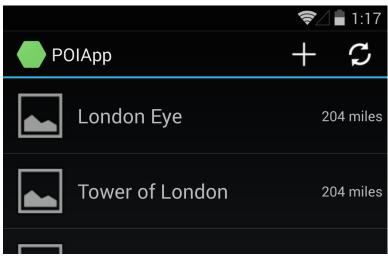




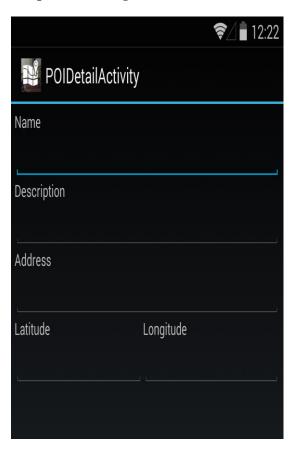


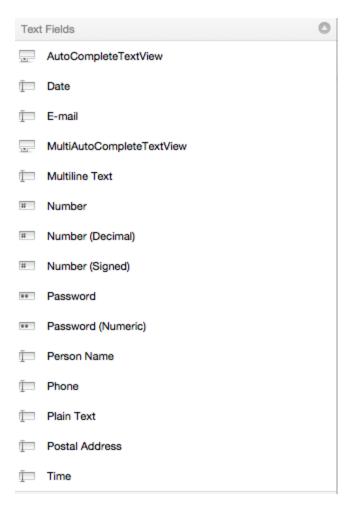


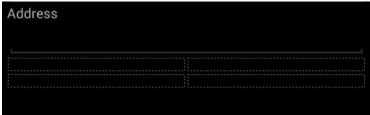


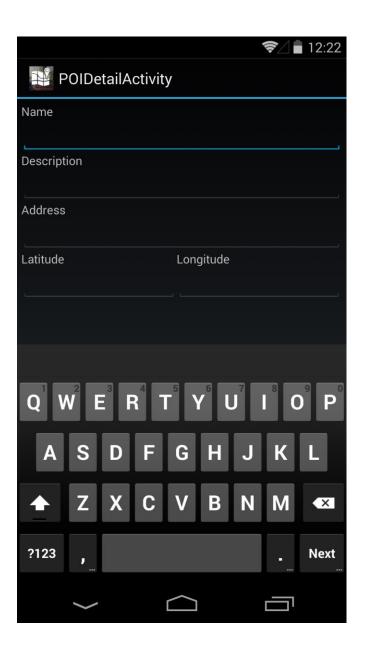


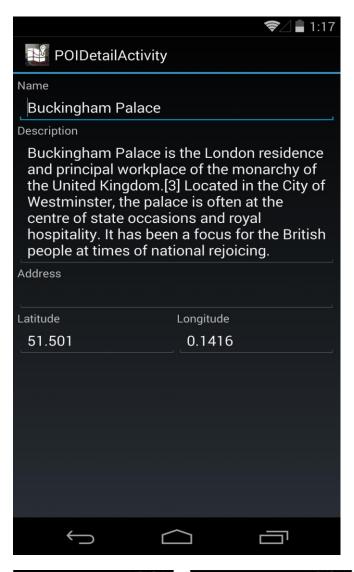
Chapter 5: Adding a Details View

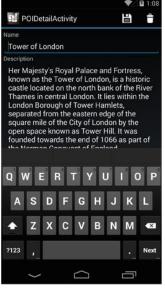


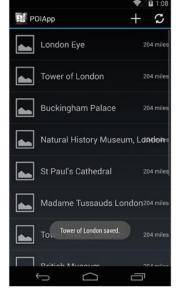




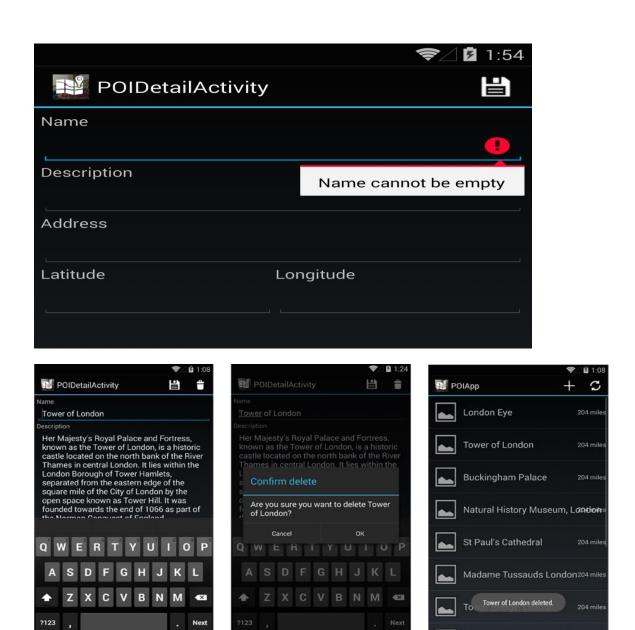






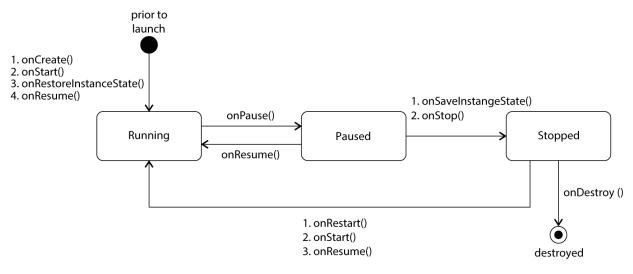


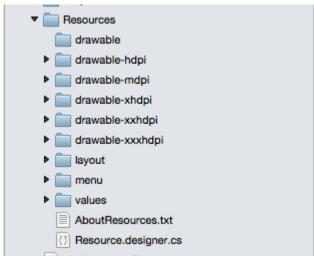




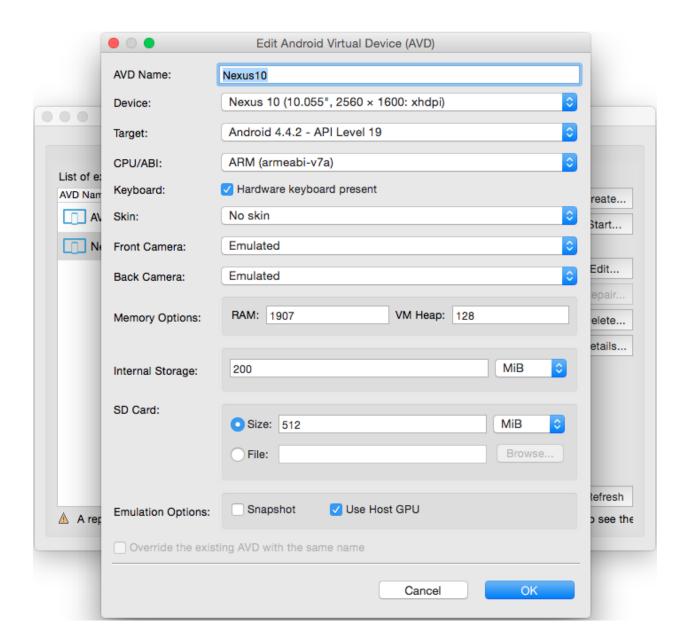
Chapter 6: Making Your App Orientation-aware

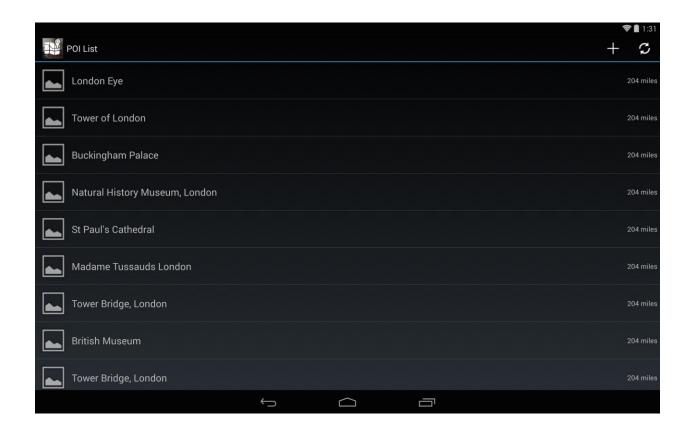
[



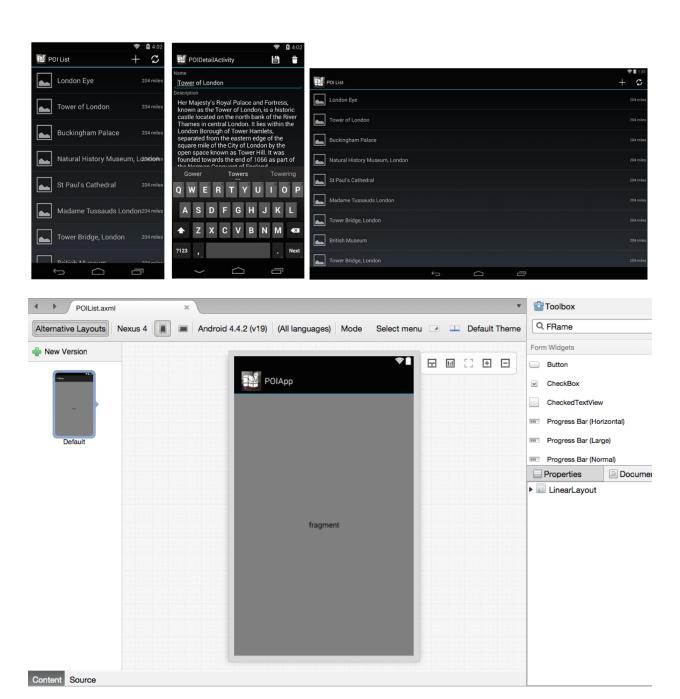


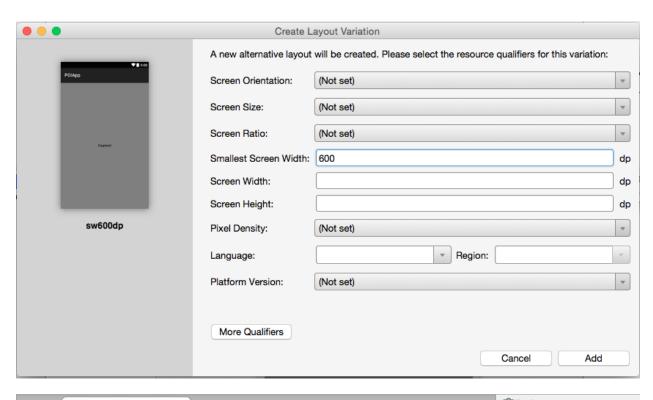
Chapter 7: Designing for Multiple Screen Sizes

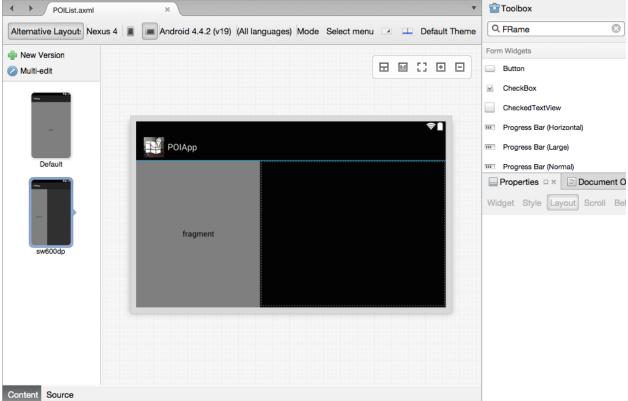


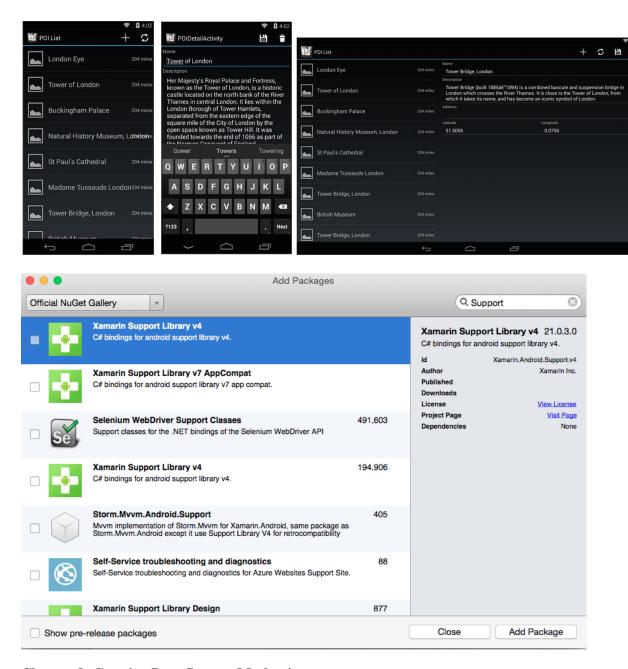




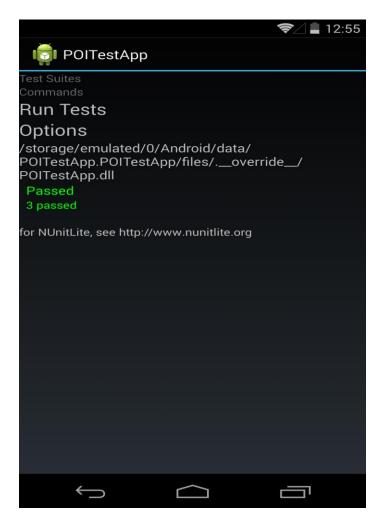




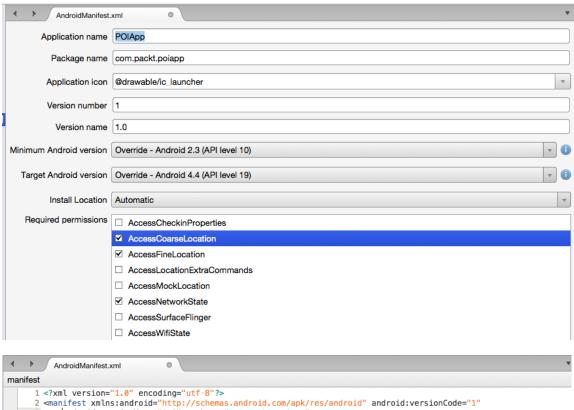




Chapter 8: Creating Data Storage Mechanisms

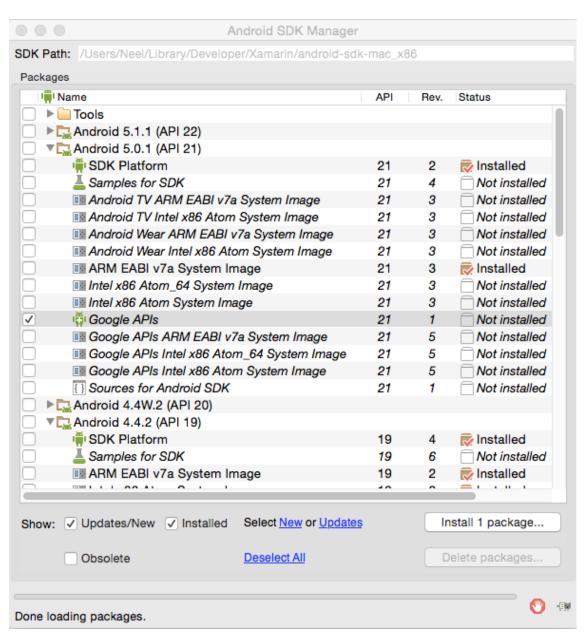


Chapter 9: Making POIApp Location Aware

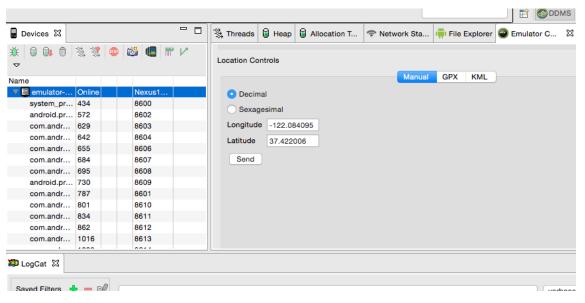


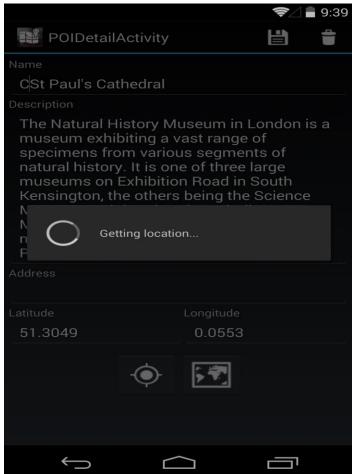
```
manifest

1 <?xml version="1.0" encoding="utf-8"?>
2 <manifest xmlns:android="http://schemas.android.com/apk/res/android" android:versionCode="1"
| android:versionName="1.0" package="com.packt.poiapp">
4 <uses-sdk android:minSdkVersion="10" android:target5dkVersion="19" />
5 <application android:label="POIApp" android:icon="@drawable/ic_launcher">
6 </application>
7 <uses-permission android:name="android.permission.INTERNET" />
8 <uses-permission android:name="android.permission.ACCESS_NETWORK_STATE" />
9 <uses-permission android:name="android.permission.ACCESS_COARSE_LOCATION" />
10 <uses-permission android:name="android.permission.ACCESS_FINE_LOCATION" />
11 </manifest>
```







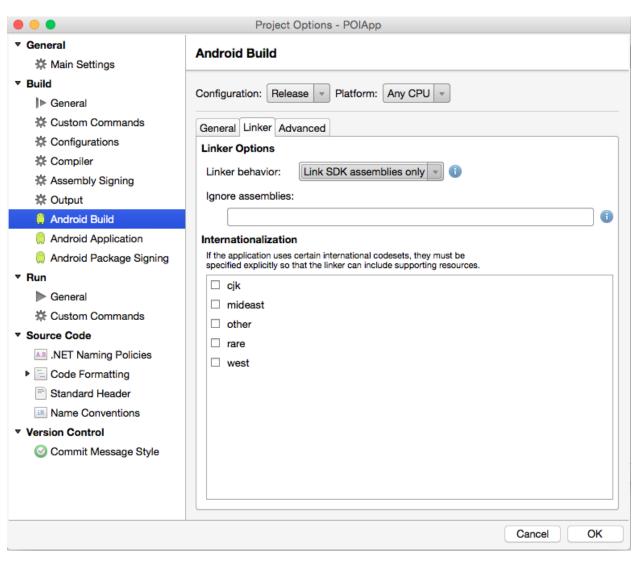


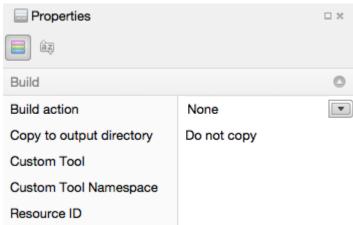
Chapter 10: Adding the Camera App Integration

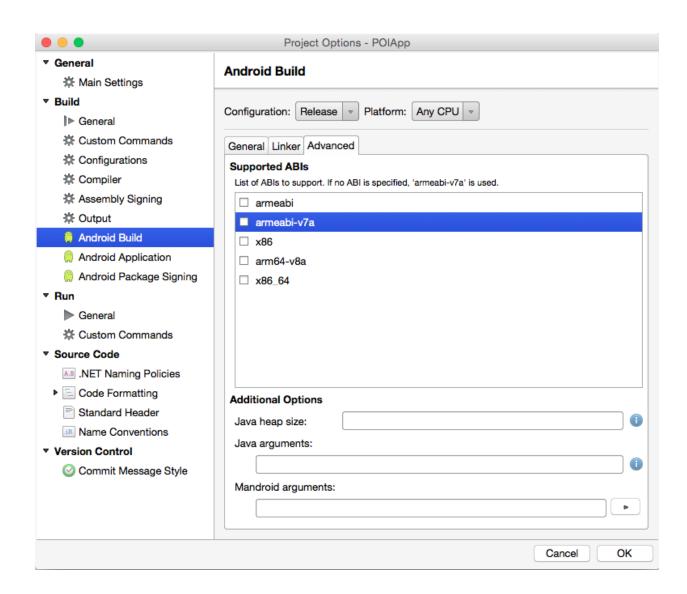
• 0 •	Edit Android Virtual Device (AVD)				
AVD Name:	Nexus4				
Device:	Nexus 4 (4.7", 768 × 1280: xhdpi)				
Target:	Android 4.4.2 - API Level 19				
CPU/ABI:	ARM (armeabi-v7a)				
Keyboard:					
Skin:	Skin with dynamic hardware controls None				
Front Camera:	✓ Emulated Webcam0				
Back Camera:	None				
Memory Options:	RAM: 512 VM Heap: 64				
Internal Storage:	200 MiB 😊				
SD Card:	○ Size: 512 MiB				
	File: Browse				
	Diowse				
Emulation Ontions	Snapshot Use Host GPU				
	Cancel				

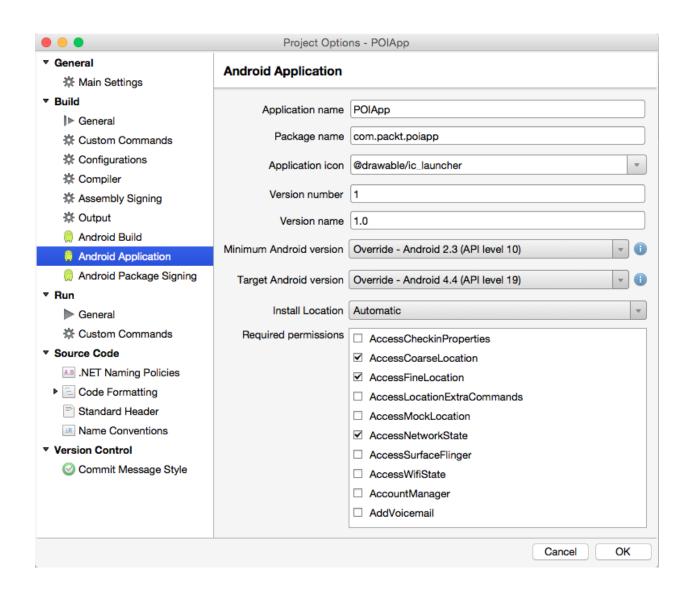
Address					
Latitude	Longitude				
	•	, *			

Chapter 11: Publishing an App to the App Store













App permissions

App 1 of 3

Facebook needs access to additional permissions (marked as NEW):

Your messages

NEW: Read your text messages (SMS or MMS)

Your personal information

NEW: Add or modify calendar events and send emails to guests without host's knowledge, read calendar events plus confidential information, read your own contact card

Network communication

NEW: Connect and disconnect from Wi-Fi

Full network access

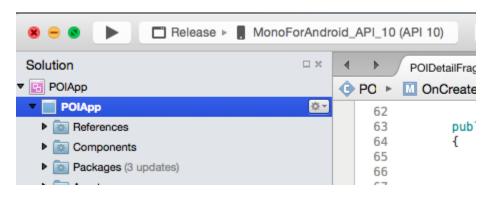
Default

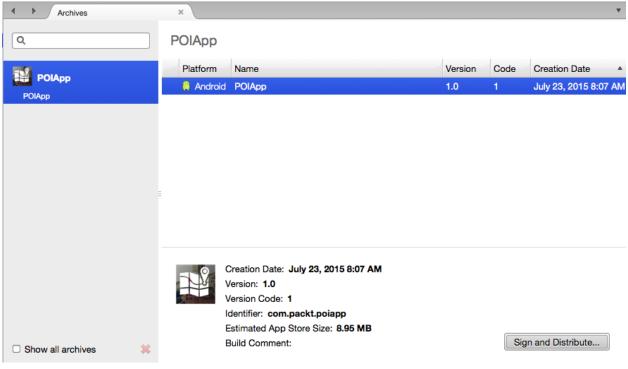
Com.sec.android.provider.badge.permission.

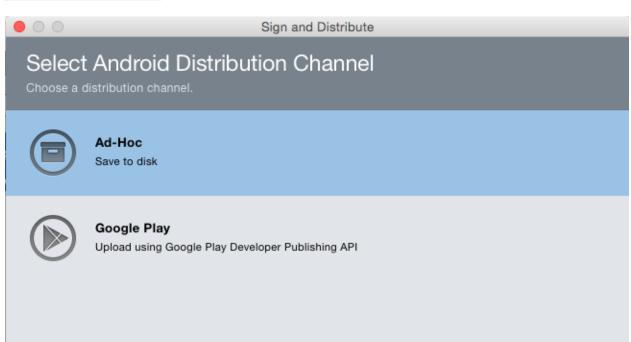
SKIP

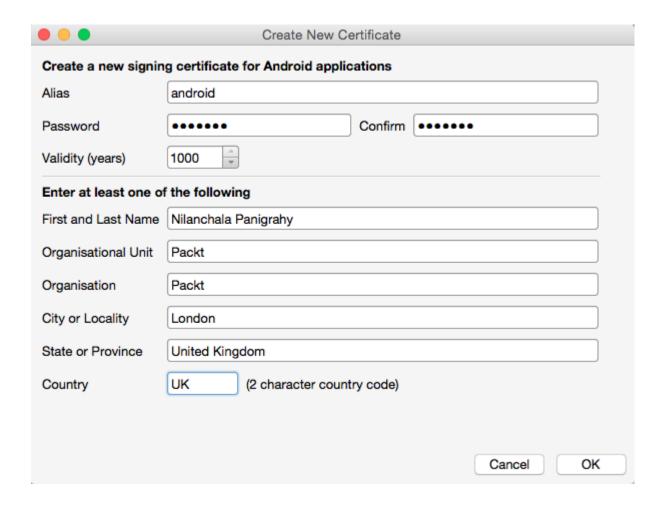
ACCEPT

```
• • •
                                             Desktop - bash - 116×27
                                                                                                                +
neel:desktop Neel$ keytool -genkey -v -keystore release.keystore -alias android -validity 10000
Enter keystore password:
Re-enter new password:
What is your first and last name?
 [Unknown]: Nilanchala Panigrahy
What is the name of your organizational unit?
 [Unknown]: Packt
What is the name of your organization?
 [Unknown]: Packt
What is the name of your City or Locality?
 [Unknown]: London
What is the name of your State or Province?
 [Unknown]:
What is the two-letter country code for this unit?
 [Unknown]: UK
Is CN=Nilanchala Panigrahy, OU=Packt, O=Packt, L=London, ST=Unknown, C=UK correct?
 [no]: yes
Generating 1,024 bit DSA key pair and self-signed certificate (SHA1withDSA) with a validity of 10,000 days
        for: CN=Nilanchala Panigrahy, OU=Packt, O=Packt, L=London, ST=Unknown, C=UK
Enter key password for <android>
        (RETURN if same as keystore password):
Re-enter new password:
[Storing release.keystore]
neel:desktop Neel$
```











Sign and Distribute

Publish as Ad Hoc

Save to a folder



POIApp

Creation Date: July 23, 2015 11:48 PM

Version: 1.0

Identifier: com.packt.poiapp Estimated Store Size: 8.95 MB

All required information has been collected. Your app is ready to be published.

Cancel

Back

Publish







DEVICE ADMINISTRATION

Device administrators

View or turn off device administrators.

Unknown sources

Allow installation of apps from sources other than the Play Store.



Verify apps

Block or warn before installing apps that may cause harm.



