

# Apps & Maps on Amazon Kindle

Convert your Google Maps to Amazon Maps  
in four easy steps.

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# Kindle Fire

- 7 inch screen, 1024x600.
- Android OS 2.3 Gingerbread.
- WiFi, speakers, headphone jack.
- No camera, no microphone.
- Released November 2011.
- 4.7 million sold in 2011.
- 7 million more sold by October 2012.
- 2<sup>nd</sup> bestselling tablet behind iPad.

# Kindle Fire HD

- Two flavors:
  - 7 inch screen, 1280x800
  - 8.9 inch screen, 1920x1200
- Android OS 4.0 Ice Cream Sandwich.
- WiFi, speakers, headphone jack.
- Front facing camera, microphone, HDMI port.
- Released September 2012.

# App Promotions

- Google Nexus 7 promotion
  - \$25 credit on Play Store.
  - Ended September 30, 2012.
- Amazon Coins promotion
  - "Amazon will give customers tens of millions of dollars' worth of free Amazon Coins to spend on developers' apps on Kindle Fire in the Amazon Appstore."
  - Apps have to be in store by April 25.

# Differences with Android

- Amazon Device Messaging API
  - Push notifications
- Amazon In-App Purchasing API
  - Not the Google Play Store.
- Amazon Maps API
  - Nokia maps instead of Google maps.

# Four steps to convert app

- Amazon map classes have same names and methods as Google map classes!
- Step 1: Layout widget
- Step 2: Change imports
- Step 3: Change manifest
- Step 4: Add external jar

# Step 1: Layout widget

- In res/layout XML file, change
  - `<com.google.android.maps.MapView  
android:id="@+id/staticMap"  
android:layout_width="fill_parent"  
android:layout_height="wrap_content"  
android:apiKey="0i-thisIsNotMyApiKey" />`
- To:
  - `<com.amazon.geo.maps.MapView  
android:id="@+id/staticMap"  
android:layout_width="fill_parent"  
android:layout_height="wrap_content" />`

# Step 2: Change imports

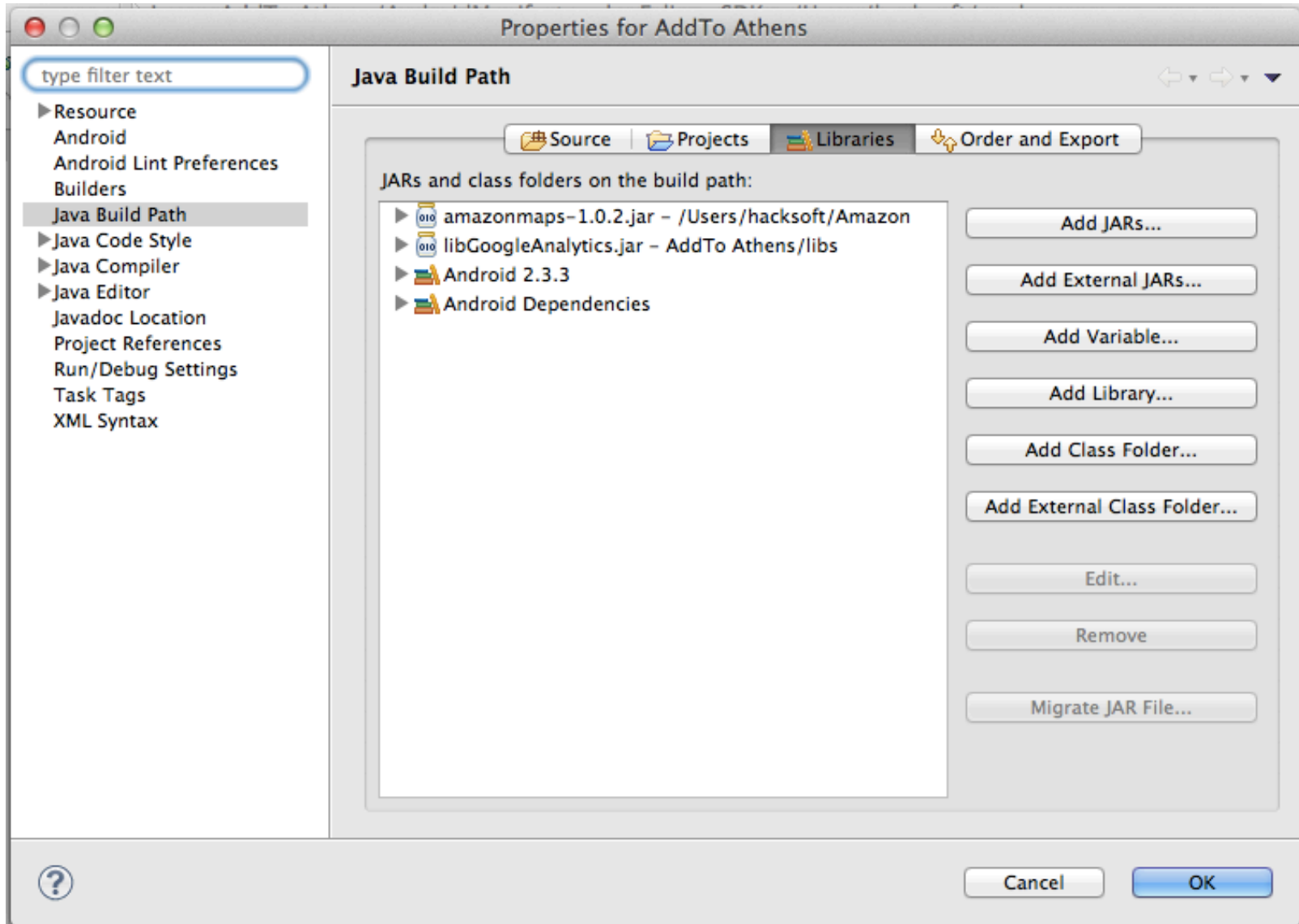
- In code, change:
  - `import com.google.android.maps.GeoPoint;`  
`import com.google.android.maps.MapActivity;`  
`import com.google.android.maps.MapController;`  
`import com.google.android.maps.MapView;`  
`import com.google.android.maps.Overlay;`  
`import com.google.android.maps.OverlayItem;`
- To:
  - `import com.amazon.geo.maps.GeoPoint;`  
`import com.amazon.geo.maps.MapActivity;`  
`import com.amazon.geo.maps.MapController;`  
`import com.amazon.geo.maps.MapView;`  
`import com.amazon.geo.maps.Overlay;`  
`import com.amazon.geo.maps.OverlayItem;`



# Step 3: Change Manifest

- AndroidManifest.xml
- Remove:
  - `<uses-library  
    android:name="com.google.android.maps" />`
- Add to `<manifest>` tag:
  - `xmlns:amazon=  
http://schemas.amazon.com/apk/res/android`
- Add inside `<application>` block:
  - `<amazon:enable-feature  
    android:name="com.amazon.geo.maps" />`

# Step 4: Add external jar



# Thank you!

- My app website is:
  - <http://addtotravel.com>
- My business website is:
  - <http://mindwarm.com>
- My mobile rants:
  - <http://pdxmobile.com>
  - @pdxmobile