INTEGRATION GUIDE:
Omniture for Android
EDITION 1

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INTRODUCTION TO OMNITURE INTEGRATION

The Ooyala Omniture Integration App demonstrates how you can integrate Omniture analytics capabilities into your Android SDK-based apps. Omniture analytics, now called The Adobe® Marketing Cloud Mobile libraries after Adobe's acquisition of Omniture, allows you to capture native app activity (user, usage, behavior, gestures, etc.) and send that information to Adobe servers for ingestion and use in SiteCatalyst® reporting. You can integrate Ooyala mobile SDK with Omniture SDKs through a step-by-step integration process using our sample app as a model.

What You Need

To get started with Ooyala's Omniture for Android SDK Integration, you need to download the following items:

- The Ooyala Android SDK.
- The Ooyala Omniture Integration Sample App.
- The Omniture SDK. Note that Omniture was purchased by Adobe and is now marketed as The Adobe® Marketing Cloud Mobile libraries.
- Eclipse IDE. Note that in our guide, we use the Eclipse IDE to illustrate our integration steps.

As part of its capacity to capture analytics, Omniture draws from and provides information to the Adobe SiteCatalyst website. Before starting, you will also need to do the following:

1. Have or get an account with login credentials for Adobe's SiteCatalyst.
2. Login to SiteCatalyst.
3. Get the following information:
    a. Report Suite ID
    b. Tracking Server
    c. Configuration variables

You will use this information in the following procedures.

OPEN THE ANDROID SAMPLE APP

To get started, all you need to do is open our sample app and integrate a few files into your project. In the following procedure, we are using the Eclipse IDE. The Eclipse tool will help with your Android development effort. To get started with your development project, launch your Eclipse app.
Android

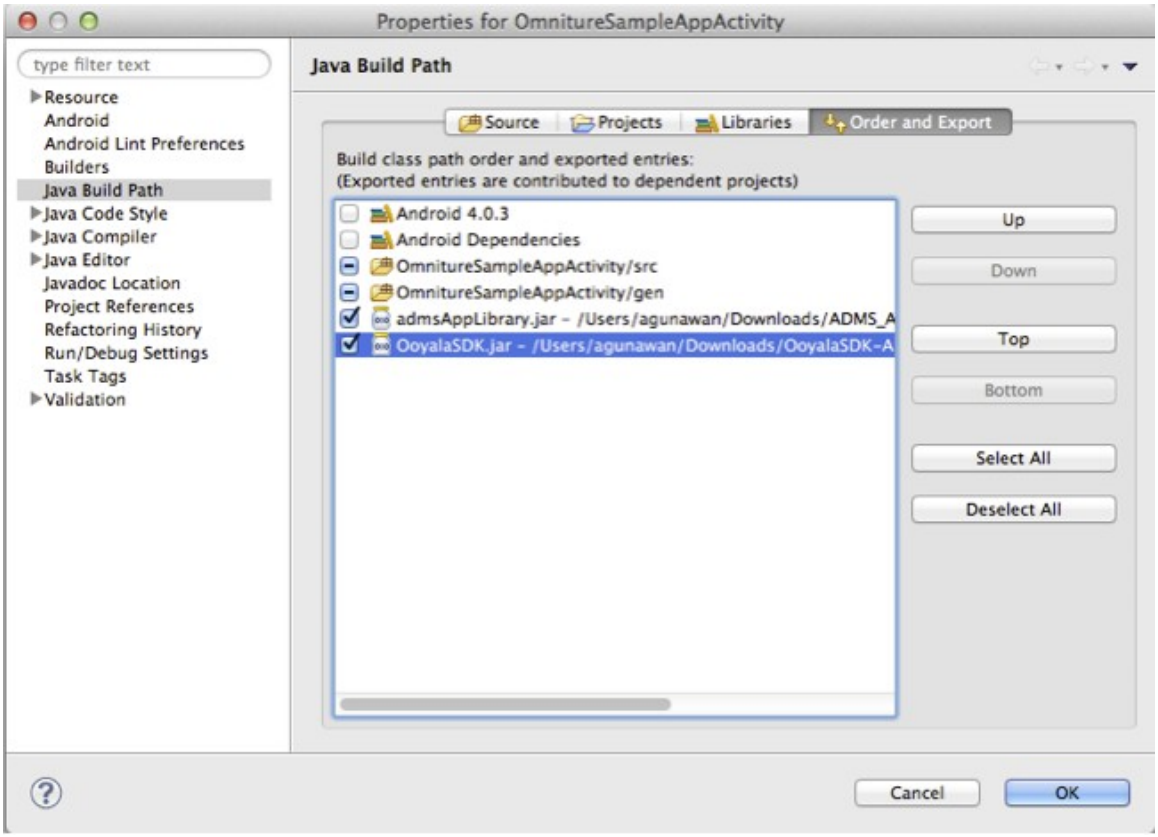
Open the Sample App Project

1. Click **Open Eclipse > File > Import**
2. Go to **Android > Existing Android Code into Workspace > Next**
3. Set the “Root Directory” to the extracted **OmintureSampleAppActivity** folder.
4. Click **Finish.**

Import Required Libraries

Your next step is to import some required libraries from the Omniture Android SDK into your Omniture Integration app.

1. Right-click **OmneclitureSampleAppActivity project name.**
2. Select **Build Path > Configure Build Path...**
3. Select **Java Build Path > Libraries tab > Add External Jars.**
4. Add the **`admsAppLibrary.jar`** that you downloaded and extracted from the Omniture SDK.jar.
5. Add the **`OoyalaSDK.jar`** that you downloaded and extracted from the Ooyala Android SDK.
6. Click the **Order and Export** tab.
7. Make sure the **`admsAppLibrary.jar`** and **`OoyalaSDK.jar`** are selected.

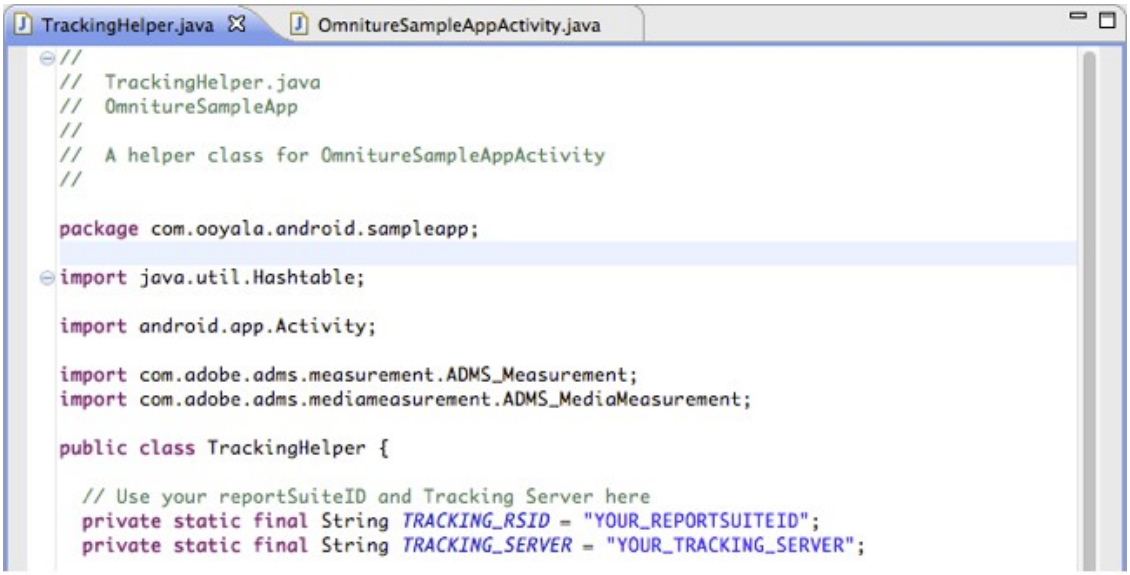


Edit TrackingHelper.java

The next step in setting up your environment is to add some code to the TrackingHelper. You will need to add the following lines.

1. Open the `TrackingHelper.java` file. You will make some modifications to this file with the information you saved from SiteCatalyst.
2. In your `TrackingHelper.java` file, **change**:
    a. `REPORTSUITEID` to match the one you got from SiteCatalyst.
    b. The `TRACKING_SERVER` so that it matches the one from SiteCatalyst. The following image shows sample tracking server information from SiteCatalyst.
3. In the `TrackingHelper.java` file, you also need to change the following configuration variables so that they match the equivalent variables in SiteCatalyst:

- **eVars** - (s.eVarN)
- **s.props** – (s.propN)
- **s.events** – (s.events)



4. If you followed these steps, your ReportSuiteID, TrackingServer and Configuration variables (evar, prop and events) should match your SiteCatalyst configurations.
5. Although the sample contains an embed code and pcode, replace these with your own embed code and pcode before running the build.
6. Run the OmnitureSampleAppActivity.java!
7. When you run your build, successfully, the Android Simulator is invoked.
8. That's it.

You now have everything in place to run your build and test your app.

Build Your Project

After you have copies all the necessary components into your development environment, select **Run** to build your project. If successful, you will be able to see Omniture analytics display on the SiteCatalyst web page.

TROUBLESHOOTING

If you have any trouble with your build or build results:

1. Check the SiteCatalyst web page to see if the analytics information is displaying properly.
2. Review your logs to look for any potential issues. Logs are your friend!
3. Remember that the Omniture code is developed by Adobe. If you find an issue with that code, you need to contact your relevant Adobe documentation or representative, if necessary.