



Android SDK v5

Google Analytics Module

User Guide

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OVERVIEW

About the Google Analytics Module

The Google Analytics module is a library part of the premier package of AMP SDK for Android. It enables the option of tracking the events in the player using the Google Analytics platform.

Features

- It reports a variety of events related to playback (start, stop, resume, pause, buffering, etc.)
- It offers a set of methods to the customers to report other events when they need it (subtitles enabled or disabled, scrolling events, font and color changes, etc.).

MODULE INTEGRATION

Steps to integrate the module:

- Copy the jar files located inside the libs folder in the modules package (androidsdk-analytics-googleanalytics.jar and libGoogleAnalyticsServices.jar).
- Add to the AndroidManifest.xml file the following:

```
<!-- Optionally, register AnalyticsReceiver and AnalyticsService to support background dispatching on non-Google Play devices -->
<receiver android:name="com.google.android.gms.analytics.AnalyticsReceiver" android:enabled="true">
    <intent-filter>
        <action android:name="com.google.android.gms.analytics.ANALYTICS_DISPATCH" />
    </intent-filter>
</receiver>
<service android:name="com.google.android.gms.analytics.AnalyticsService" android:enabled="true"
android:exported="false" />

<!-- Optionally, register CampaignTrackingReceiver and CampaignTrackingService to enable installation campaign reporting -->
<receiver android:name="com.google.android.gms.analytics.CampaignTrackingReceiver" android:exported="true">
    <intent-filter>
        <action android:name="com.android.vending.INSTALL_REFERRER" />
    </intent-filter>
</receiver>
<service android:name="com.google.android.gms.analytics.CampaignTrackingService" />
```

- Add the following code in the App:

```
GoogleAnalyticsTracker gaTracker = new GoogleAnalyticsTracker();

gaTracker.setVideoPlayerView(VIDEOPLAYERVIEW_OBJECT);

gaTracker.enableReporting(TRUE / FALSE);

gaTracker.init(ACTIVITY_CONTEXT_OBJECT);
```

PS: If the playback is started using a configuration file, the tracking id for the analytics must be added there. The SDK then will know where to obtain the value. But, the TrackingId can also be set manually by using the next Constructor for the Tracker.

```
GoogleAnalyticsTracker gaTracker = new GoogleAnalyticsTracker (TRACKING_ID);
```



Methods available

`init(Context owner)`

Initialize the tracker to send the event. It receives a reference of the Activity Context in which the Module is being implemented.

`enableReporting(Boolean enable)`

It allows enabling or disabling the action of sending the events for reports.

`isReportingEnabled()`

It validates if the option of sending events is enabled or disabled.

Methods for Manual Reports

These methods send specific events to the Google Analytics platform, but they are not linked to any action inside the SDK. If the customer wants to track also these events, they have to call them manually.

`trackSubtitlesDisabled()`

`trackSubtitlesEnabled()`

`trackTextSizeChanged(int newTextSize)`

`trackScreenPositionChanges(String newScreenPosition)`

`trackTextStyleChanges(String newTextStyle)`

`trackFontChanges(String newFontName)`

`trackScrollingChanges(String newScrollingType)`

`trackWindowColorChanges(int newWindowColor)`

`trackBackgroundColorChanges(int newBackgroundColor)`

`trackFontColorChanges(int newFontColor)`

`trackPresentChanges(String newPresentType)`



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