

Analytics API

Using the Analytics API for collecting Custom Analytics

Analytics API is part of three SDK's; Android, iOS, and cordova. When collecting analytics the app writes to the devices file system until the `send` API is called. After the `send` API is called the app deletes the data from the file system and begins collecting again.

Cordova

Creating custom events in Cordova is simply just calling: `javascript`
`WL.Analytics.log("Custom event", {"property" : 'value'});`
`WL.Analytics.send();`

Note: `WL.Analytics.send();` will send all collected data, even data collected by MobileFirst Platform Foundation. To disable collecting out of the box data you can call `WL.Analytics.disable();`.

Android

To collect custom analytics in Android you need to import `WLANalytics`.

```
import com.worklight.common.WLANalytics;
```

Make sure you set the Logger context with:

```
WLANalytics.setContext(this)
```

Without a context you will not be able to collect analytics data.

After setting the first two configurations you can start to log data like in the example below.

```
String json = "{\"property\" : \"value\"}";  
try {  
    WLANalytics.log("Custom event", new JSONObject(json));  
} catch (JSONException e) {  
    e.printStackTrace();  
}
```

Be sure to send your data with: `java`
`WLANalytics.send();`

Note: `WLANalytics.send();` will send all collected data, even data collected by MobileFirst Platform Foundation. To disable collecting out of the box data you can call `WLANalytics.disable();`.

iOS (Objective-C)

To collect custom analytics in iOS you need to import `WLANalytics`. ``objective-c

import "WLANalytics.h";

After importing WLANalytics you can now use the API to collect custom data like below:

```
``objective-c
NSDictionary *inventory = @{
    @"property" : @"value",
};
[[WLANalytics sharedInstance] log:@"Custom event" withMetadata:inventory];
[[WLANalytics sharedInstance] send];
```

Note: `[[WLANalytics sharedInstance] send];` will send all collected data, even data collected by MobileFirst Platform Foundation. To disable collecting out of the box data you can call `[[WLANalytics sharedInstance] disable]`.