

# Using Analytics API in client applications

fork and edit tutorial (<https://github.ibm.com/MFPSamples/DevCenter/tree/master/tutorials/en/foundation/8.0/analytics/analytics-api.md>) |  
report issue (<https://github.ibm.com/MFPSamples/DevCenter/issues/new>)

## Overview

When collecting analytics data, 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.

need to provide more text in the overview

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## JavaScript API

JavaScript API is used in Cordova applications.

talks about a "custom event" - what's the "regular/default" event then?

Creating custom events in Cordova is simply just calling:

```
WL.Analytics.log("Custom event", {"property" : 'value'});  
WL.Analytics.send();
```

## Java API

JavaScript API is used in Android applications.

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

talks about a "custom event" - what's the "regular/default" event then?

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

Make sure you set the Logger context with.

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

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

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:

```
WLANalytics.send();
```

## Objective-C API

Objective-C API is used in iOS applications.

To collect custom analytics in iOS you need to import WLANalytics.

```
#import "WLANalytics.h";
```

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

```
NSDictionary *inventory = @{
    @"property" : @"value",
};

[[WLANalytics sharedInstance] log:@"Custom event" withMetadata:inventory];
[[WLANalytics sharedInstance] send];
```

## Disabling log collection

It is possible to disable log collection using the following API:

### JavaScript

```
WL.Analytics.disable();
```

### Java

```
WLANalytics.disable();
```

### Objective-C

```
[[WLANalytics sharedInstance] disable]
```