Using Analytics REST API

Overview

MobileFirst Foundation Operational Analytics provides REST APIs to help developers with importing (POST) and exporting (GET) analytics data.

Jump to:

- Analytics REST API
- Try It Out on Swagger Docs

Analytics REST API

To use the analytics REST API:
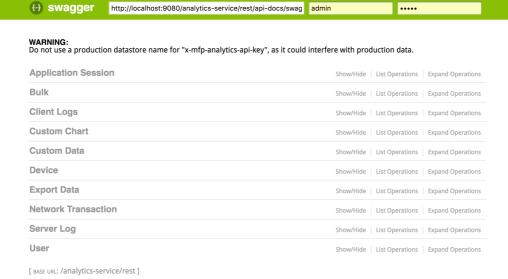
Base URL

`/analytics-service/rest`

Example

`https://example.com:9080/analytics-service/v3/applogs`

REST API Method	Endpoint	Description
Application Logs (POST)	/v3/applogs	Creates a new application log.
Application Session (POST)	/v3/appsession	Creates an application session or updates an existing one when reporting with the same appSessionID.
Bulk (POST)	/v3/bulk	Reports events in bulk.
Custom Chart (GET)	/v3/customchart	Exports all custom chart definitions.
Custom Chart (POST)	/v3/customchart/import	Imports a list of custom charts.
Custom Data (POST)	/v3/customdata	Creates new custom data.
Device (POST)	/v3/device	Creates or updates a device.
Export Data (GET)	/v3/export	Exports data to the specified data format.
Network Transaction (POST)	/v3/networktransaction	Creates a new network transaction.
Server Log (POST)	/v3/serverlog	Creates a new server log.
User (POST)	/v3/user	Creates a new user.

Try it out on Swagger docs
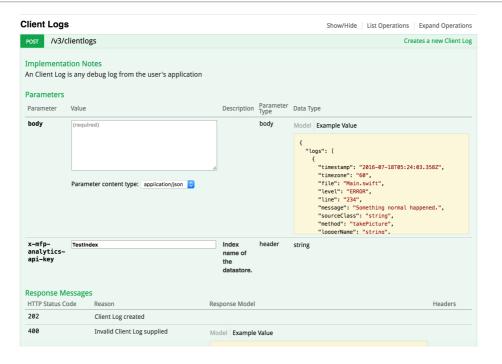
Try out the analytics REST API on Swagger Docs.
In a MobileFirst Server configuration with Analytics enabled, visit: `<ipaddress>:<port>/analytics-service`.

WARNING:
Do not use a production datastore name for "x-mfp-analytics-api-key", as it could interfere with production data.

Application Session	Show/Hide	List Operations	Expand Operations
Bulk	Show/Hide	List Operations	Expand Operations
Client Logs	Show/Hide	List Operations	Expand Operations
Custom Chart	Show/Hide	List Operations	Expand Operations
Custom Data	Show/Hide	List Operations	Expand Operations
Device	Show/Hide	List Operations	Expand Operations
Export Data	Show/Hide	List Operations	Expand Operations
Network Transaction	Show/Hide	List Operations	Expand Operations
Server Log	Show/Hide	List Operations	Expand Operations
User	Show/Hide	List Operations	Expand Operations

[BASE URL: /analytics-service/rest]

By clicking on **Expand Operations**, you can see the implementation notes, parameters, and response messages for each method.

> Warning: Any data that you send by using **Try it out!** might interfere with data already in the data store. If you are not specifically trying to send data to your production environment, use a test name for the `x-mfp-analytics-api-key`.

Client Logs   Show/Hide | List Operations | Expand Operations

POST /v3/clientlogs   Creates a new Client Log

Implementation Notes
An Client Log is any debug log from the user's application

Parameters

Parameter	Value	Description	Parameter Type	Data Type
body	(required) Parameter content type: application/json	body		Model | Example Value

```
{
  "logs": [
    {
      "timestamp": "2016-07-18T05:24:03.358Z",
      "timezone": "60",
      "file": "Main.swift",
      "level": "ERROR",
      "line": "234",
      "message": "Something normal happened.",
      "sourceClass": "string",
      "method": "takePicture",
      "loggerName": "string",
```

x-mfp-analytics-api-key	TestIndex	Index name of the datastore.	header	string

Response Messages

HTTP Status Code	Reason	Response Model	Headers
202	Client Log created		
400	Invalid Client Log supplied	Model | Example Value	

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