API

A guide for managers & developers

PART 8: Events

Prepared by OfCourseMe

OfCourseMe APIs

7. Events

> **This service is meant for reporting and analytics purposes. By default, our analytics tool will provide you with insights related to all those actions listed above that require a call to our APIs, i.e. searches typed, filters**

There are other actions related to external courses exposed by OfCourseMe that happen within your LMS / learning environment you might want to track as well.
Examples are:

- Saved courses: courses that the user bookmarked or added to her plan

- Suggested courses: courses that the user suggested to a colleague

- Completed courses: courses that the user marked as completed

You might also want to track actions that aren't directly related to courses, such as:

- Logout: click on the logout button

- Access to compulsory training: click on the link that sends the user to compulsory training section

- Access to online coaching: click on the link that sends the user to online coaching section

- Access to profile: click on the link that sends the user to her profile section

- Etc.

All of these actions happen on your end, with no need to involve OfCourseMe, but if you want they can flow into our unified reporting so you can answer questions such as: how many people completed at least one course? Out of 100 searches, how many courses get completed? What is the total duration of completed courses, i.e. the hours of training actually supplied?

In order to track these actions, it's enough to send a message to our APIs when they happen, as explained below.

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Please find below the key basic information in order to get started, for developers

Description
Call endpoint **https://api.ofcourse.me/v2.0/events**
This endpoint is useful to log important events performed by your users.

To use this endpoint you must pass **type** parameter (mandatory) which defines your event type: general events ("menu-click") or course related events (e.g "course-click","course-save",..) are admitted

If you don't pass **type** parameter or you pass an invalid value, the API will return an "NO-TYPE-PARAMETER" error.

If you want to log a course related event you should pass the **course_id** parameter

Examples
https://api.ofcourse.me/v2.0/events?type=menu-click
Logs menu-click action
https://api.ofcourse.me/v2.0/events?type=menu-click&user_id=1
Logs menu-click action for user 1
https://api.ofcourse.me/v2.0/events?type=course-click&course_id=1
Logs course-click action for course 1
https://api.ofcourse.me/v2.0/events?type=course-save&course_id=1
Logs course-save action for course 1

User tracking parameters
It is possible, if desired, to identify a single user by appending a "user_id" parameter to your API-calls.

You can use a session id or an internal id (integer/string) to set the "user_id" parameter.

Also, if desidered, you could identify a user group, family or entity by appending a "entity_id" parameter to your API-calls.

You can use an internal group, family or entity id (integer/string) to set the "entity_id" parameter. This will help us computing API-usage statistics and metrics by single user and / or by user group / or by user family / or by user entity.

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User tracking parameters are optionals.
Here is a basic example about the "/courses-search" endpoint.

https://api.ofcourse.me/v2.0/events?type=course-save&course_id=1&user_id=1
Logs course-save action for course 1 and user 1

Code ExamplesJS
PHP (CURL)
C# (WebRequest)
Java (HttpUrlConnection)

For testing purpose only

```
$.ajax({
    url: "https://api.ofcourse.me/v2.0/events?type=course-save&course_id=1&user_id=1",
    type: GET,
    headers: {"x-api-key": "********************************IcAuSy"} // insert your API Key
})
.done(function(response) {
    console.log(response);
})
.fail(function(err) {
    console.log(err);
});
```