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Open edX REST APIs

Open edX includes a suite of APIs that allow you to build applications that interact with the edX platform.

Open edX APIs use Representational State Transfer (REST) design principles and support JavaScript Object Notation (JSON) data-interchange format.

Our APIs use OAuth 2.0 for authentication. OAuth 2.0 is an open standard used by many systems that require secure user authentication. See the OAuth 2.0 Standard for more information.

The Open edX Platform REST APIs

The Open edX Platform REST APIs are a rapidly growing and evolving set of capabilities that enable you to build web, desktop, and mobile applications that work with your Open edX instance.

All Open edX Platform REST APIs are described in the edX Platform API documentation.

Currently the Open edX Platform includes the following APIs.

Course Structure API

Use the Course Structure API to view course details, including the blocks in the course and the course grading policy.

Enrollment API

Use the Enrollment API to view user and course enrollment information and to enroll a user in a course.

Mobile API

Use the Mobile API to build mobile applications for students to view course information and videos for courses on your instance of Open edX.

Profile Images API

Use the Profile Images API to to upload or remove profile images for users on your instance of Open edX.

User API

Use the User API to view and update user account and preferences information.

edX Data Analytics API

Use the Data Analytics API to view and analyze student activity in your course.

Useful Links:

Documentation: Open edX Platform APIs ^[1]

Documentation: Open edX Data Analytics API ^[2]

Source URL: <https://open.edx.org/open-edx-rest-apis>

Links

[1] <http://edx.readthedocs.org/projects/edx-platform-api/en/latest/>

[2] <http://edx.readthedocs.org/projects/edx-data-analytics-api/en/latest/index.html>