

API Documentation - ODS / API v2.2

The Ed-Fi ODS / API enables applications to read and write education data stored in an Ed-Fi ODS through a secure REST interface. The REST interface to the Ed-Fi ODS / API exposes metadata describing the exposed resources as well as the inputs, HTTP verbs, and schema of the exposed entities. This metadata enables a user interface (based on the [Swagger](#) framework) to display API documentation.

An overview of the ODS / API is provided, which provides a description of the types of API's, and links to specific API resources.

Links

The following link takes you to detailed documentation for the Ed-Fi ODS / API REST interface:

[Ed-Fi ODS / API REST API Reference Documentation](#)

The screenshot shows the 'ed-fi ODS/API Documentation' page. It features a header with the Ed-Fi logo and the title 'ed-fi ODS/API Documentation'. Below the header, a sub-header states 'The Ed-Fi ODS/API is divided into several areas by function.' The main content is organized into sections: 'Resources' (describing primary entities like students and staff), 'Composites' (describing read-only combinations of resources), and 'Assessment' and 'Enrollment' (linked to composite resources). The page is clean and uses a light blue and green color scheme.

Figure. Screen capture of the API summary page

The Swagger documentation pages also provide a means to interact with a sandbox version of the ODS using the API, which allows developers to experiment with API calls and to view responses in a test environment.

You can explore the API's interactively, but selecting the "Authorize" button and selecting the API key and secret defaults.

The screenshot shows the Swagger UI for the 'Ed-Fi Operational Data Store API'. At the top, there's a header with the Ed-Fi logo, a dropdown menu for 'API Section: Resources', and an 'Authorize' button. Below the header, the title 'Ed-Fi Operational Data Store API' is followed by a brief description. The main content is a list of API endpoints for 'academicWeeks', each with a colored header indicating the HTTP method (GET, POST, DELETE, PUT) and a description of the endpoint's function. Below this, there are sections for 'accounts', 'accountabilityRatings', 'actuals', and 'assessments', each with a brief description of the entity.

Figure. Screen capture of the API documentation interface