Ed-Fi Tech Docs

Welcome

Welcome to the Ed-Fi Technical Documentation home page. This site provides links to documentation and technical information for the Ed-Fi Data Standard and the Ed-Fi Technical Suite as well as information and resources for the Ed-Fi Tech Community.

Ed-Fi Data Standard

The Ed-Fi Data Standard is the widely adopted, CEDS-aligned, open-source data standard developed by the educational community for the betterment of the community. The Ed-Fi Data Standard serves as the foundation for enabling interoperability among secure data systems and contains a Unifying Data Model designed to capture the meaning and inherent structure in the most important information in the K–12 education enterprise.

Current Versions (v2.2, v3.2) | Latest Version (v3.2) | All Versions

Ed-Fi Implementation Suite

Ed-Fi ODS / API

The Ed-Fi Operational Data Store (ODS) provides a secure, transactional information store that integrates data from multiple source systems and applications. The Ed-Fi ODS API accompanies the Ed-Fi Operational Data Store and provides a developer-friendly interface to create, read, and update information stored in an Ed-Fi powered ODS.

Current Versions (v2.6, v3.4) | Latest Version (v3.4) | All Versions

Ed-Fi Tools

Ed-Fi Tools aid developers implementing the technical components of the Suite.

- The MetaEd IDE is a tool that supports implementers who are extending Ed-Fi technology.
  - To download MetaEd and access the technical documentation, please go to the MetaEd v2.x space. (Ed-Fi login required)
  - To learn about the MetaEd IDE, you can read more here.
- MappingEDU is an online system that supports business analysts and other users map one data standard to another.
- The ODS / API Admin App is a web-based administrative interface for the Ed-Fi ODS / API.
- Data Import is a tool to map and import data from CSV files to an Ed-Fi ODS / API.
- The Ed-Fi Learning Standards Sync Utility is a tool for system administrators for synchronizing learning standards between the AB Connect API and a specified Ed-Fi ODS / API instance.
- The Ed-Fi Sample Data Generator creates realistic, Ed-Fi-aligned sample datasets suitable for testing and training
- The Ed-Fi Validation Tool helps users streamline the testing process by verifying exchanges are working correctly.

Recent Contributions to the Ed-Fi Exchange

- Ed-Fi ODS/API and Microsoft Power BI Starter Kit v2
- PowerShell script to install Ed-Fi binaries released on MyGet
- Freshman On Track PowerBI Dashboard
- Essential Question 24 in the Middle Grades - Are My Students Improving in Math?
- Ed-Fi Generate Plug-In (Suite 3)
- Chico California Unified School District Tableau Reports
- Ed-Fi ODS/API Cloud Deployment for AWS (Suite 3)
- Teacher Preparation Dashboard
- Essential Question 21: Are students on track to become college and career ready?
- Essential Question 58: Do teachers grades align to the various assessment results?

Ed-Fi Dashboards

Ed-Fi Tools Overview | MetaEd IDE | MappingEDU | ODS / API Admin App | Data Import | Ed-Fi Learning Standards Sync Utility | Ed-Fi Sample Data Generator | Ed-Fi Validation Tool
Ed-Fi Dashboards provide a starting point for developing student performance dashboards that puts real-time, actionable information at the fingertips of educators. It includes a user interface with metrics that educators identified as critical to improving student achievement.