

# Ed-Fi Tools

Welcome! This is the central documentation site for Ed-Fi Tools, which are a collection of software and services that support and enhance Ed-Fi Technology.

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## Data Standard & General Tools

### MappingEDU

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**Latest Version:** 1.1

**Products:** Ed-Fi Data Standard, Ed-Fi ODS / API, Ed-Fi Dashboards

**Support For:** Tech Suite Two & Tech Suite Three

MappingEDU is a web-based system designed to do one common, time-consuming data integration task well: map one data standard to another. The primary users are data analysts and technical staff who create mappings between data sources. MappingEDU also contains features to assist subject matter experts in reviewing data mappings.

[Read More »](#)

[Go to MappingEDU »](#)



### MetaEd IDE

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**Latest Version:** 2.1

**Product:** Ed-Fi Data Standard, Ed-Fi ODS / API

**Support For:** Tech Suite Two & Tech Suite Three

MetaEd is a technology framework that uses an Ed-Fi-aligned domain specific language (DSL) to auto-generate software, database, and data standard artifacts.

A version of MetaEd called the MetaEd IDE supports the generation of Ed-Fi Extensions and all related artifacts. The MetaEd IDE is freely available to licensees.

The internal Ed-Fi Alliance team uses MetaEd to define and produce core components such as the Ed-Fi Standard Interchange Schema (XSD files), the Ed-Fi ODS (SQL Scripts), and technical documentation from a single source definition written in the MetaEd DSL.

[Read More »](#) (Ed-Fi Licensee Login Required)



### Sample Data Generator

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**Latest Version:** 1.2

**Products:** Ed-Fi Data Standard, Ed-Fi Bulk Data Exchange for XML

**Support For:** Tech Suite Two & Tech Suite Three

The Sample Data Generator produces realistic, cohesive, and 100% fictional datasets for use in demonstrations and testing.

The SDG prefers statistically realistic patterns (e.g., a student with poor attendance generally tracks to poor grades, students are the appropriate age for their grade level, students who are English learners have home languages that track to their ethnicity, and so forth). The system is configurable, and can produce arbitrarily large datasets.

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## Validation Tool

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**Latest Version:** 1.2

**Products:** Ed-Fi Bulk Data Exchange for XML

**Support For:** Tech Suite Two

The Ed-Fi Validation Tool provides an easy and convenient way for developers to validate the XML data files produced by a system against any published version of the Ed-Fi schema.

[Read More »](#)

[Go to the Ed-Fi Validation Tool »](#)



## ODS / API Applications & Tools

### Admin App

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**Latest Version:** 1.7

**Product:** Ed-Fi ODS / API

**Support For:** Tech Suite Two & Tech Suite Three

The Ed-Fi ODS / API Admin App is a web-based administrative interface for the Ed-Fi ODS / API. The Admin App is available as a standalone application, and is also available for deployments on Azure.

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### Data Import

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**Latest Version:** 1.0.1

**Product:** Ed-Fi ODS / API

**Support For:** Tech Suite Two & Tech Suite Three

Data Import is a tool that simplifies the loading of CSV data to the Operational Data Store (ODS) of the [Ed-Fi ODS / API](#). It currently supports Ed-Fi ODS / API versions 2.5 and 3.1, and higher.

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## Learning Standards Sync Utility

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**Latest Version:** 1.0

**Product:** Ed-Fi ODS / API

**Support For:** Tech Suite Two & Tech Suite Three

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. Using the tool requires active credentials for both the target Ed-Fi ODS / API instance and the AB Connect API. The Sync Utility application provides a command-line interface (CLI) to set parameters and define options.

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## Platform Tools & Utilities

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**Latest Versions:** ODS / API v3.3 and 2.6

**Product:** Ed-Fi ODS / API

**Support For:** Tech Suite Two & Tech Suite Three

The Ed-Fi ODS / API platform releases contain various tools and utilities created for use with the Ed-Fi ODS / API platform.

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