

How To: Load the ODS Using Sample XML Data

This article describes the steps needed to populate an Ed-Fi ODS with sample XML data, using the [Console Bulk Loader](#). The steps can be summarized as:

- [Step 1. Build the Ed-Fi Console Bulk Loader](#)
- [Step 2. Download Scripts and Sample Data](#)
- [Step 3. Run the Load Script and Populate the EdFi_ODS_Empty Database](#)
- [Step 4. Provision the EdFi_ODS_Populated_Template Database](#)

Downloads

The following link is a ZIP archive containing a PowerShell script and console bulk loader manifest files to assist with loading an Ed-Fi ODS using sample XML data.

[Bulk Console Loader Script](#)

Step 1. Build the Ed-Fi Console Bulk Loader

- Make sure that you have an instance of the Ed-Fi ODS / API running locally that has been set up following the [Getting Started - Installation Steps](#).
- The Bulk Load Console project is built as part of the overall solution, and you can verify that the console application (**EdFi.Ods.BulkLoad.Console.exe**) has been built by browsing to **C:\Ed-Fi-ODS-Implementation\Application\EdFi.Ods.BulkLoad.Console\bin\Debug**.

Step 2. Download Scripts and Sample Data


- Download the BulkConsoleLoaderScript.zip (to the right) and extract the contents of the ZIP file to a local folder (we recommend **C:\Ed-Fi-SampleDataLoad**). The ZIP file contains both scripts to initiate the Bulk Console Loader, as well as a copy of the Ed-Fi sample data XML with minor modifications.

 The modifications made to the Ed-Fi XML sample files, available from [Standard Interchange Schema v2.2 - Download](#) page or directly from [GitHub](#), are as follows:

- Descriptor files have been merged into a single file.
- A subset of assessment sample files were selected.
- The sample data error identified by [DATASTD-1065](#) has been fixed.

Step 3. Run the Load Script and Populate the EdFi_ODS_Empty Database

- From a PowerShell session, navigate to the ZIP file directory (i.e., **C:\Ed-Fi-SampleDataLoad**).
- Execute **LoadEmptyDatabaseWithSampleData.ps1**.
- The script will reset your Ed-Fi-Ods-Empty and load all sample data in one script run. The process takes approximately 30 minutes.

 If your local copy of EdFi.Ods.BulkLoad.Console is in a different location than the root of the drive, you can change the LoadEmptyDatabaseWithSampleData.ps1 script to adjust.

The script contains a parameter that defines the local path to the Ed-Fi-ODS-Implementation repository. This is set by default to "C:\Ed-Fi-ODS-Implementation" but can be changed to be appropriate for your environment.

Step 4. Provision the EdFi_ODS_Populated_Template Database

- Back up the **EdFi_ODS_Empty** database.
- Restore the backup you just made with the name **EdFi_ODS_Populated_Template**.
- Create a Sandbox using the Ed-Fi ODS / API Admin Console.
- Use the database created as the source of data for loading dashboards and other activities.