

Ed-Fi Usage Overview

Focus School Software

Focus School Software offers seamless integration with Ed-Fi. The **Ed-Fi Setup** page is used to configure the ODS connection as well as choose which resource types and schools should be included in the sync.

The setup page contains a **Descriptor Mapping** section which provides a mapping table between values within Focus and descriptors within the ODS. An **Auto Map** feature is provided for cases where there is a direct match between the values in Focus and the descriptors in the ODS. Two special values are also available for mapping: ****NULL**** and ****UNMAPPED****. The first is used to specify a default value if **no value is found** on a record, and the latter is used to specify a default value if a **value is found but was not specifically mapped**.

A **Debug Menu** is also available to help power users troubleshoot data issues. This includes the ability to see the underlying SQL query, a preview of the full data set, a preview of the records that are pending transfer/deletion, and the ability to trigger the transfer of an individual resource type.

Once the ODS connection is configured and the descriptors are mapped, data synchronization is performed at regular intervals via the **Ed-Fi Data Sync** scheduled job. The frequency in which the job is run can be configured on the **Scheduled Jobs** page. During initial implementation, it is recommended that this be set to once a night.

Because of Ed-Fi's strict data integrity checks, records might fail validation during transfer. To facilitate troubleshooting these errors, Focus provides the **Ed-Fi Logs** page. This page contains a report of all records transferred to the ODS. Users can filter this report based on several criteria including the resource type(s) and internal/external UUIDs. The report also contains an option to only show records with errors as well as an option to collapse repeating errors in order to provide a broad overview of what needs correcting. Each record can then be individually triggered for a re-sync in order to test any corrections that were made.