

EdReflect FTP Process One Pager

Purpose

To explain how the updated EdReflect FTP files and processes have been updated since the EdReflect refresh on August 10th, 2020.

History

Previously, clients were given credentials to an org specific folder on BloomBoard's FTP server. This folder contained CSV files with the totality of data for that org, and these files were updated with a complete export of data daily.

Legacy Data

Before we switched to the new version of EdReflect, clients were asked to collect the exports of their data before the switch to the refreshed version of EdReflect.

Updates

New ID's

After making the switch to the refreshed EdReflect, we have updated the id's associated with our data models. For this reason, we are providing join tables from the old model id's to the new model id's. These join tables can be found within the `export/all` folder on the ftp server for an org.

The join tables are:

- artifact_ids.csv
- artifact_content_ids.csv
- goal_ids.csv
- indicator_ids.csv
- observation_group_ids.csv
- observation_template_ids.csv
- organization_ids.csv
- rubric_ids.csv
- slo_assessment_ids.csv
- slo_ids.csv
- slo_template_ids.csv
- step_ids.csv
- snapshot_ids.csv
- trending_ids.csv
- user_ids.csv
- user_group_ids.csv

Exports as daily changes

The files in an org's ftp folder will no longer contain a complete export updated daily. Instead, we will provide a list of all things that have changed on a given day, and provide this export on a daily basis. While we know what data models were changed, we don't always know exactly what changed, but the current state of any models that were modified that day. For this reason, we have created new CSV files that track just which models have been changed so that any rows keyed by those model id's can be dropped, and the new state can then be uploaded into our clients' database systems. **This is required.** If an item in a list has been deleted, we don't know which item was deleted, we only know which items in the list remain. Therefore, all items in that list should be deleted from a client's database, and then all the current items should be uploaded.

tl;dr: Orgs will need to delete some rows from many of their tables before upserting the rest of the data, on a daily basis.

Deprecated Exports

The following exports are no longer generated: - Aggregated_EOY_Reports_Summary.csv - Observation_Survey.csv - Observation_Template_Scheduling_Groups.csv

Other notes

- Some exports have had fields removed. Other exports have had fields added, some both. The added / dropped fields are detailed in the [FTP Files](#) table.
- The field `school_year` provides a calendar year, while the `school_year_id` field provides the number of years since 2009.
- In the `artifact_ids.csv` and `artifact_content_ids.csv` [mapping tables](#), our old `artifact` and `artifact_content` models have been combined, so a legacy `artifact_id` and a legacy `artifact_content_id` can point to the same `new_id` for an artifact.
- Legacy id fields for groups were inconsistent, so no mapping of old id to new id was performed.

FTP Files

Below is a list of all files in an org's ftp export folder, any dropped fields, any added fields, and notes about the file.

File Name	Dropped Fields	New Fields	Notes
Aggregated_Eoy_Snapshots.csv		school_year	

File Name	Dropped Fields	New Fields	Notes
Aggregated_Observation_Ratings.csv		school_year	Drop all rows keyed by observation_group_id's in Observation_Modified.csv
Aggregated_Slo_Assessments.csv	slo_assessment_type_name		
Aggregated_Snapshot_Ratings.csv		observation_school_year, observation_group_id	Drop all rows keyed by observation_group_id's in Observation_Modified.csv
Goal_Posts.csv	uploaded_content_id, catalog_item_id, post_created_date		Drop all rows keyed by goal_id's in Goals_Modified.csv
Goals_Deleted.csv			
Goals_Indicators.csv			
Goals_Modified.csv			Reference CSV for knowing which rows to drop in relevant CSV files.
Goals_Questions.csv			Drop all rows keyed by goal_id's in Goals_Modified.csv
Goals.csv			
Indicator_Proficiency_Levels.csv			Drop all rows keyed by rubric_id's in Rubrics.csv
Indicators.csv			Drop all rows keyed by rubric_id's in Rubrics.csv
Observation_Answers.csv			Drop all rows keyed by observation_group_id's in Observation_Modified.csv
Observation_Comments.csv	resource_name, resource_id, comment_id, comment_date_time, commenter_note		Drop all rows keyed by observation_group_id's in Observation_Modified.csv
Observation_Feedback.csv	feedback_date, next_steps_date, observer_notes_date		Drop all rows keyed by observation_group_id's in Observation_Modified.csv
Observation_Forms.csv			Drop all rows keyed by observation_group_id's in Observation_Modified.csv
Observation_History.csv			
Observation_Modified.csv			Reference CSV for knowing which rows to drop in relevant CSV files.
Observation_Participants.csv			Drop all rows keyed by observation_group_id's in Observation_Modified.csv
Observation_Snapshots.csv			Drop all rows keyed by observation_group_id's in Observation_Modified.csv
Observation_Step_Scripting_Notes.csv	scripting_note_updated_date, scripting_note_created_date		

File Name	Dropped Fields	New Fields	Notes
Observation_Step_Sharing.csv			
Observation_Steps.csv			
Observations.csv	observation_accepted_date, observation_first_viewed_date	observation_is_deleted	
Ratings.csv			Drop all rows keyed by observation_group_id's in Observation_Modified.csv
Rubrics.csv			
Slo_Assessment_Answers.csv	answer_date		Drop all rows keyed by slo_id's in Slos.csv
Slo_Assessments.csv	slo_assessment_attribute, slo_assessment_type, slo_assessment_modified_date, slo_assessment_created_date		Drop all rows keyed by slo_id's in Slos.csv
Slos.csv			List of statuses: created, unlocked, locked, awaiting approval, approved, completed
Snapshots_Ratings.csv			
Snapshots.csv			
Trending_Ratings.csv			Drop all rows keyed by trending_id's in Trendings.csv
Trendings.csv			
User_Accounts.csv			Drop all rows keyed by employee_id's in User_Modified.csv
User_Affiliations.csv			Use learner_employee_id, observer_employee_id as the primary key. When updating an existing entry, only updated the date_deleted column. For all users in User_Modified.csv, if a row without a date_deleted is not included in the results, then add a date_deleted based on the user_modified_date.
User_Artifacts.csv	uploaded_content_id		
User_Grades.csv			Drop all rows keyed by employee_id's in User_Modified.csv
User_Groups.csv			Drop all rows keyed by employee_id's in User_Modified.csv
User_Modified.csv			Reference CSV for knowing which rows to drop in relevant CSV files.
User_Roles.csv			Drop all rows keyed by employee_id's in User_Modified.csv

File Name	Dropped Fields	New Fields	Notes
User_Rubrics_Modified.csv			Reference CSV for knowing which rows to drop in relevant CSV files.
User_Rubrics.csv			Drop all rows keyed by employee_id's in User_Rubrics_Modified.csv
User_Subjects.csv			Drop all rows keyed by employee_id's in User_Modified.csv