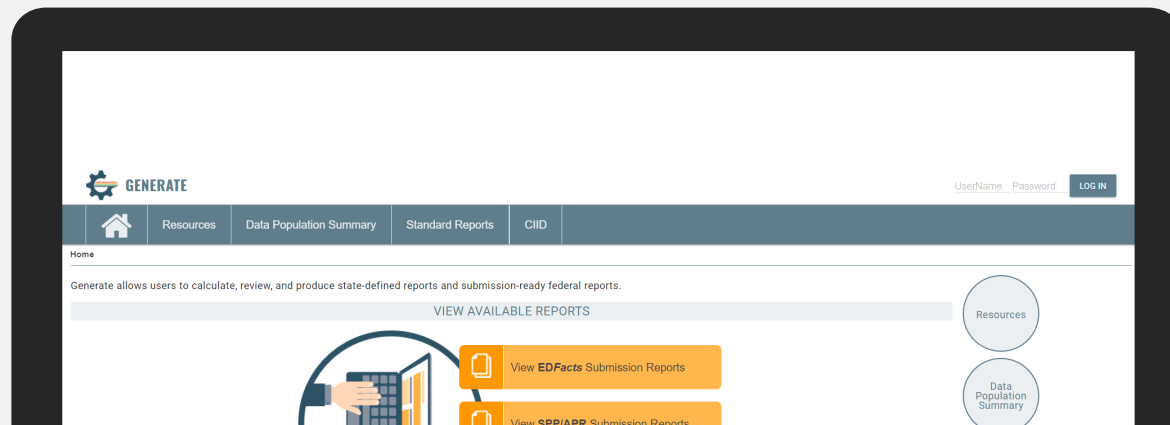




# Office Hour

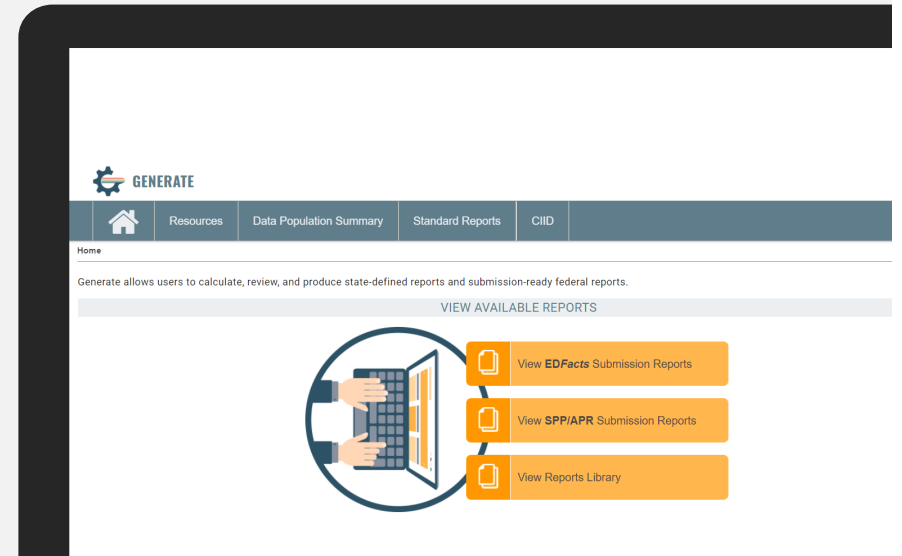
## Generate v5.3





# Agenda

1. Changes included in Generate 5.3 Release
2. Preview Generate 6.0
3. Generate Release Calendar
4. Generate 5.3 Open Discussion
5. Session Feedback Survey



# Presenters



Johnny Cunningham  
*ETL Developer/ Implementation Specialist*

*CIID*

# Summary of Changes – Reports

## Child Count

*FS002, FS089*

- Child Count report migration was modified to exclude counts for closed, inactive, and future schools.
- Allow Child Count files to handle multiple records for a student in *PersonRace* during Staging-to-RDS migrations.

## Discipline

*FS005, FS006, FS007, FS086, FS143*

- Modified Discipline Files to handle multiple records for a student in *PersonRace* during Staging-to-RDS migrations.

## Directory

*FS029*

- Retired Chief State School Officer Contact Information (CSSO) in FS029 Directory.
- Modified the population of the select lists for LEAs and Schools in the UI Report screen to use RDS tables rather than IDS tables to leverage the new staging-to-RDS for Organization data.

## Grades Offered

*FS039*

- Refined the logic for determining No Grades vs Ungraded based on state feedback and additional discussions about the file specification.
- Modified the logic for determining "NOGRADES" vs "UNGRADED" to account for LEAs with no schools that still provide support services.

## Charter School Authorizer Directory Management Organizations Directory

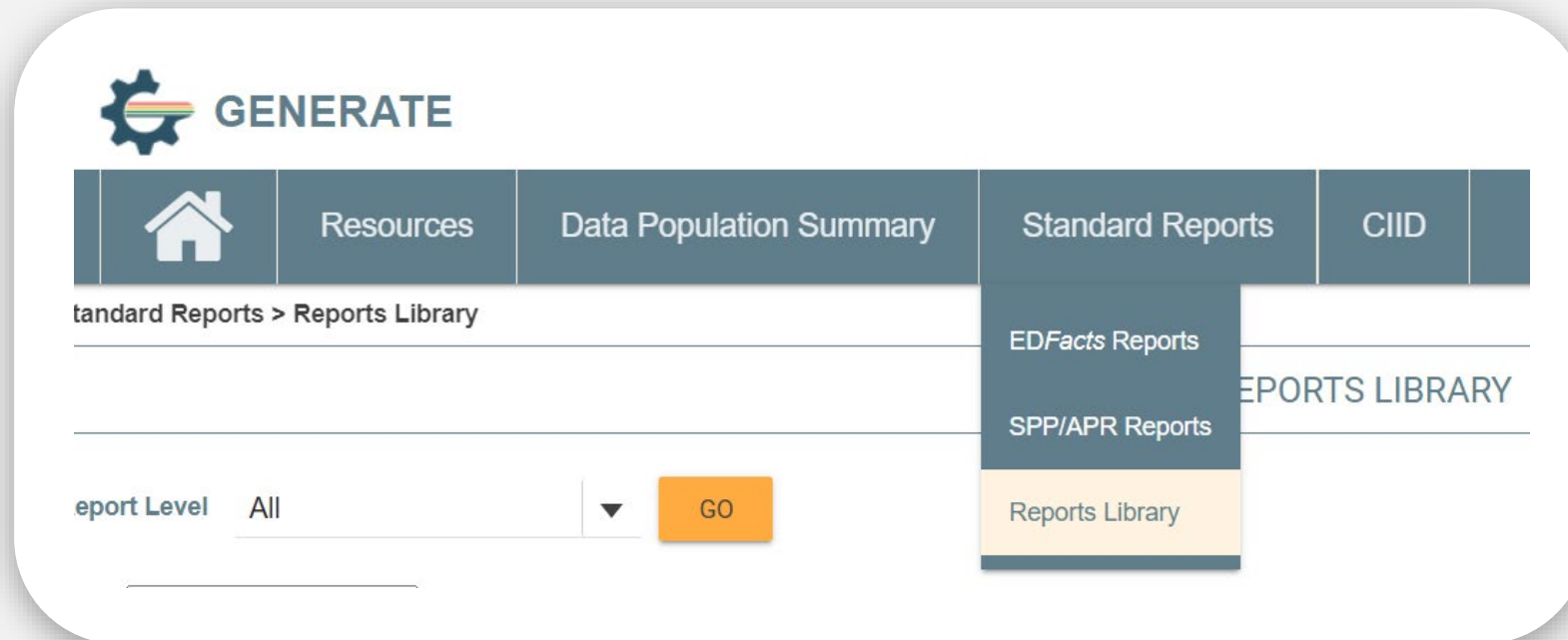
*FS190, FS196*

- Added missing metadata for FS190 and FS196.
- Missing metadata caused an error creating the Submission Files.

# Summary of Changes – User Interface

## User Interface

- Year to Year Child Count in Reports Library now available.





# Summary of Changes – General

## General Changes

- Decided on a standard naming convention for the Source to Staging ETL stored procedures. This will be leveraged in future development. No action required by the State.
- Added a new schema, 'Utilities', to hold available tools.
- Created Submission File Comparison Utility.
- Moved some standard tools to the Utilities schema.
- Automated end-to-end testing scripts into build process.
- Adjusted Debug tables for Year-to-Year comparison reports.
- Created Common Debugging views (Staging and RDS) for Child Count.



# Demo of New Tools

## General Changes

- File Comparison Utility - [File Comparison Documentation](#)
- Staging Validation - [Staging Validation Documentation](#)
- Cleanup Debug Tables
- Cleanup Grades Offered
- Disable/Rebuild Indexes
- Debugging Views for IDEA files
- Debug tables to assist with File Matching



# Preview Generate v6.0

## Version 6.0

- CEDS Data Warehouse v10
- Update for new Assessments files
- Additional Year-to-Year standard reports

SQL

```
-- create target table
CREATE TABLE target_table (
    column1 datatype,
    column2 datatype,
    column3 datatype
);

-- truncate target table
TRUNCATE TABLE target_table;
```

ANGULAR

```
import { HttpClient } from '@angular/common/http';
import { Injectable } from '@angular/core';

@Injectable()
export class EtlService {
```

SQL Query Editor - Microsoft SQL Server Management Studio

Object Explorer

SQL Query1.sql

```
USE [generate]
GO
-- create target table
CREATE TABLE target_table (
    column1 datatype,
    column2 datatype,
    column3 datatype
);

-- truncate target table
TRUNCATE TABLE target_table;
```

Messages

Line	Number	Severity	MessageText	Column	Source	Validation Message
1	8	2022	Warning	Column1	Warning	Column1 is not a valid column name.
2	1	2022	Warning	Column2	Warning	Column2 is not a valid column name.
3	7	2022	Warning	Column3	Warning	Column3 is not a valid column name.
4	8	2022	Warning	Column4	Warning	Column4 is not a valid column name.
5	10	2022	Warning	Column5	Warning	Column5 is not a valid column name.
6	3	2022	Warning	Column6	Warning	Column6 is not a valid column name.
7	8	2022	Warning	Column7	Warning	Column7 is not a valid column name.
8	10	2022	Warning	Column8	Warning	Column8 is not a valid column name.
9	3	2022	Warning	Column9	Warning	Column9 is not a valid column name.
10	11	2022	Warning	Column10	Warning	Column10 is not a valid column name.
11	4	2022	Warning	Column11	Warning	Column11 is not a valid column name.
12	2	2022	Warning	Column12	Warning	Column12 is not a valid column name.
13	12	2022	Warning	Column13	Warning	Column13 is not a valid column name.
14	13	2022	Warning	Column14	Warning	Column14 is not a valid column name.
15	18	2022	Warning	Column15	Warning	Column15 is not a valid column name.
16	20	2022	Warning	Column16	Warning	Column16 is not a valid column name.
17	14	2022	Warning	Column17	Warning	Column17 is not a valid column name.
18	16	2022	Warning	Column18	Warning	Column18 is not a valid column name.
19	18	2022	Warning	Column19	Warning	Column19 is not a valid column name.
20	17	2022	Warning	Column20	Warning	Column20 is not a valid column name.

Return Value

1

GENERATE

Home

Resources

Data Population Summary

Standard Reports

CIID

Generate allows users to calculate, review, and produce state-defined reports and submission-ready federal reports.

VIEW AVAILABLE REPORTS

View EDFacts Submission Reports

View SPPI/APR Submission Reports

View Reports Library





# Generate Release Calendar

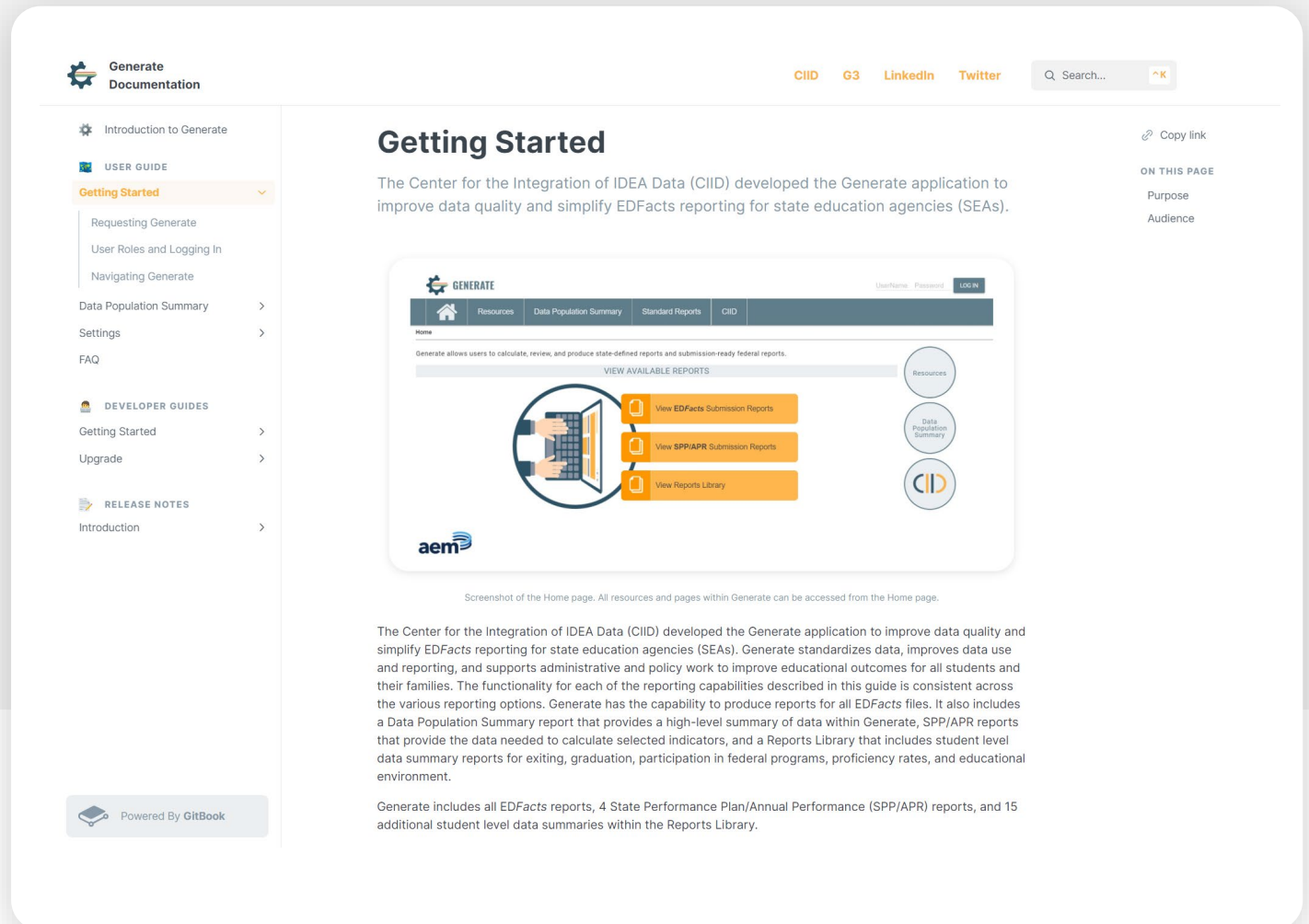


# Documentation

## Gitbook

- New platform for maintaining and publishing CIID's technical documentation
- User Guide has been revised and formatted
- Developer Guides have been consolidated, revised and formatted
- Release Notes will be published here

<https://center-for-the-integration-of-id.gitbook.io/generate-documentation/>



The screenshot displays the 'Generate Documentation' website. The header includes the 'Generate Documentation' logo, navigation links for CIID, G3, LinkedIn, and Twitter, and a search bar. The left sidebar contains a 'USER GUIDE' section with 'Getting Started' highlighted, and a 'DEVELOPER GUIDES' section with 'Getting Started' and 'Upgrade' listed. The main content area features a 'Getting Started' heading, a paragraph about the Generate application, and a screenshot of the application's home page. The application home page shows a navigation bar with 'Home', 'Resources', 'Data Population Summary', 'Standard Reports', and 'CIID'. Below the navigation bar, there is a section titled 'VIEW AVAILABLE REPORTS' with three buttons: 'View EDFacts Submission Reports', 'View SPP/APR Submission Reports', and 'View Reports Library'. The footer of the application home page includes the 'aem' logo. The bottom of the screenshot shows a 'Powered By GitBook' logo.

**Getting Started**

The Center for the Integration of IDEA Data (CIID) developed the Generate application to improve data quality and simplify EDFacts reporting for state education agencies (SEAs).

Generate allows users to calculate, review, and produce state-defined reports and submission-ready federal reports.

**VIEW AVAILABLE REPORTS**

- View EDFacts Submission Reports
- View SPP/APR Submission Reports
- View Reports Library

Screenshot of the Home page. All resources and pages within Generate can be accessed from the Home page.

The Center for the Integration of IDEA Data (CIID) developed the Generate application to improve data quality and simplify EDFacts reporting for state education agencies (SEAs). Generate standardizes data, improves data use and reporting, and supports administrative and policy work to improve educational outcomes for all students and their families. The functionality for each of the reporting capabilities described in this guide is consistent across the various reporting options. Generate has the capability to produce reports for all EDFacts files. It also includes a Data Population Summary report that provides a high-level summary of data within Generate, SPP/APR reports that provide the data needed to calculate selected indicators, and a Reports Library that includes student level data summary reports for exiting, graduation, participation in federal programs, proficiency rates, and educational environment.

Generate includes all EDFacts reports, 4 State Performance Plan/Annual Performance (SPP/APR) reports, and 15 additional student level data summaries within the Reports Library.

## 5.3 Open Discussion Q&A



# Evaluation

Please participate in a **2-minute** session evaluation.

**Two ways to participate:**

1. Copy the evaluation survey link from chat:

<https://www.research.net/r/CIID-Office-Hr-3-7-23>

2. Scan the QR-code to access the evaluation from your mobile device





# Thank You!

