

TSDS Technical Course Module

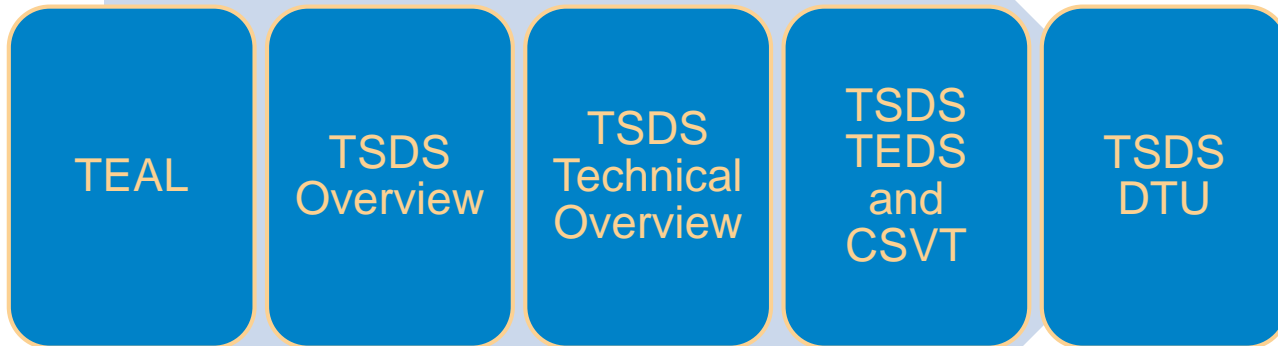
3.5: eDM Loading Data into the ODS

- ❑ [eDM Overview](#)
- ❑ [eDM Navigation: Loading XML Interchanges](#)
- ❑ [eDM File Manager](#)
- ❑ [eDM Batch Manager](#)
- ❑ [Troubleshooting & eDM Error Dictionary](#)
- ❑ [ODS Delete Utility](#)
- ❑ [Wrap up](#)



Course Pre-requisites

3





TSDS High Level End User Process Map Overview

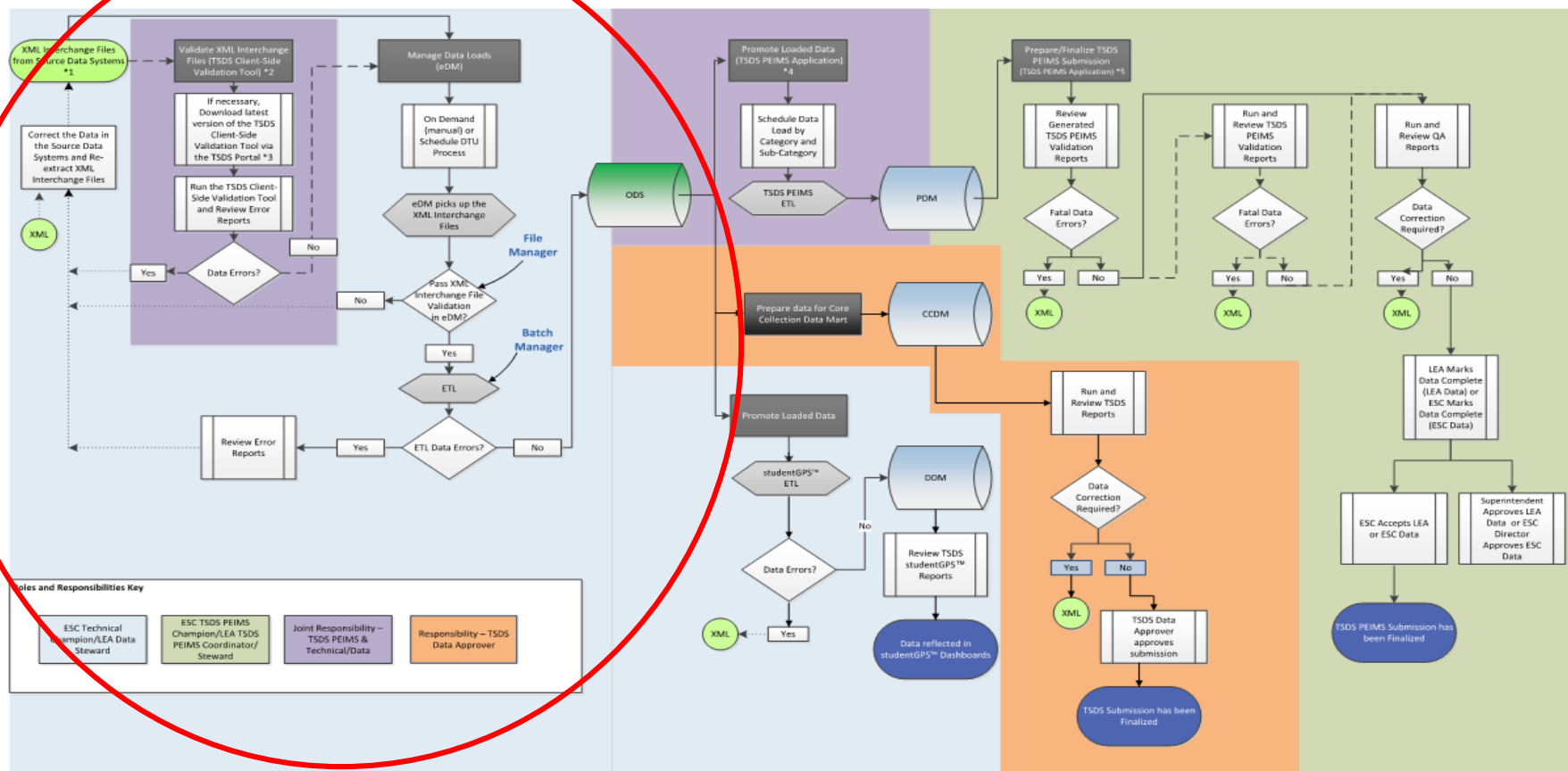


Data Loading Process Map

5



TSDS High Level End User Process Map



<http://www.tea.state.tx.us/Workarea/DownloadAsset.aspx?id=25769810585>



Overview of Data Loading Process

6



LEA Source Systems

- Interchange extracts are created from source systems in XML format
- Must align with TEDS



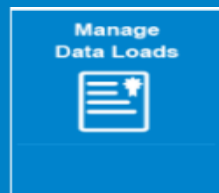
Client Side Validation Tool

- Downloaded from TSDS Portal
- Used by LEAs & ESCs to validate XML interchanges prior to loading
- Errors in interchanges must be corrected in source systems & revalidated



Data Transfer Utility (DTU)

- A secure FTP file transfer client utility
- Downloaded from TSDS Portal & installed at LEA/ESC
- Facilitates On Demand & Scheduled file transfers
- Sends XML files to eDM
- Uses Service Account credentials for login & password
- User selects files to be transferred
- File name is validated
- User can view transfer status



eDM (Manage Data Loads)

- Automatically picks up files that have been transferred by the DTU
- Runs files through data validations & updates the ODS
- Users can also manually upload files
- Error files are generated at initial file validation & again during ETL process
- Errors in interchanges must be corrected in source systems & revalidated
- User can verify that the ODS has been updated by viewing status in the eDM



PEIMS Application

- User schedules and can monitor the promotion of data from the ODS to the PDM
- User specifies collection and submission (e.g. Fall, First)
- User selects Category (e.g. Staff) and Sub Category(ies) to be loaded (e.g. Employment Payroll Summary)
- User can monitor the status



Dashboards Data Mart

- Data is loaded from ODS to a staging DDM
- If load successful, then it is moved to the production DDM for studentGPS™ display
- Metric calculations occur during the load of data from the ODS to the DDM
- Data is automatically refreshed nightly, no user interaction needed
- System will prevent incomplete data from being loaded



ECDS Application

- Early Childhood Data submission for kinder and pre-k
- Charter and Public Schools
- Data Collected include; demographic and, Assessment,
- Data is converted for ODS loading



TSDS eDM: Overview



TSDS eDM: Functions

8

- TSDS eData Manager (TSDS eDM):
 - TSDS eDM automatically picks up files that have been successfully transferred by the TSDS DTU
 - Users can also manually upload XML Interchange Files through TSDS eDM
 - TSDS eDM runs the XML Interchange files through the data validations and updates the Operational Data Store
 - Error files are generated at initial file validation and again during the ETL process
 - The user can also verify that the ODS has been updated through TSDS eDM

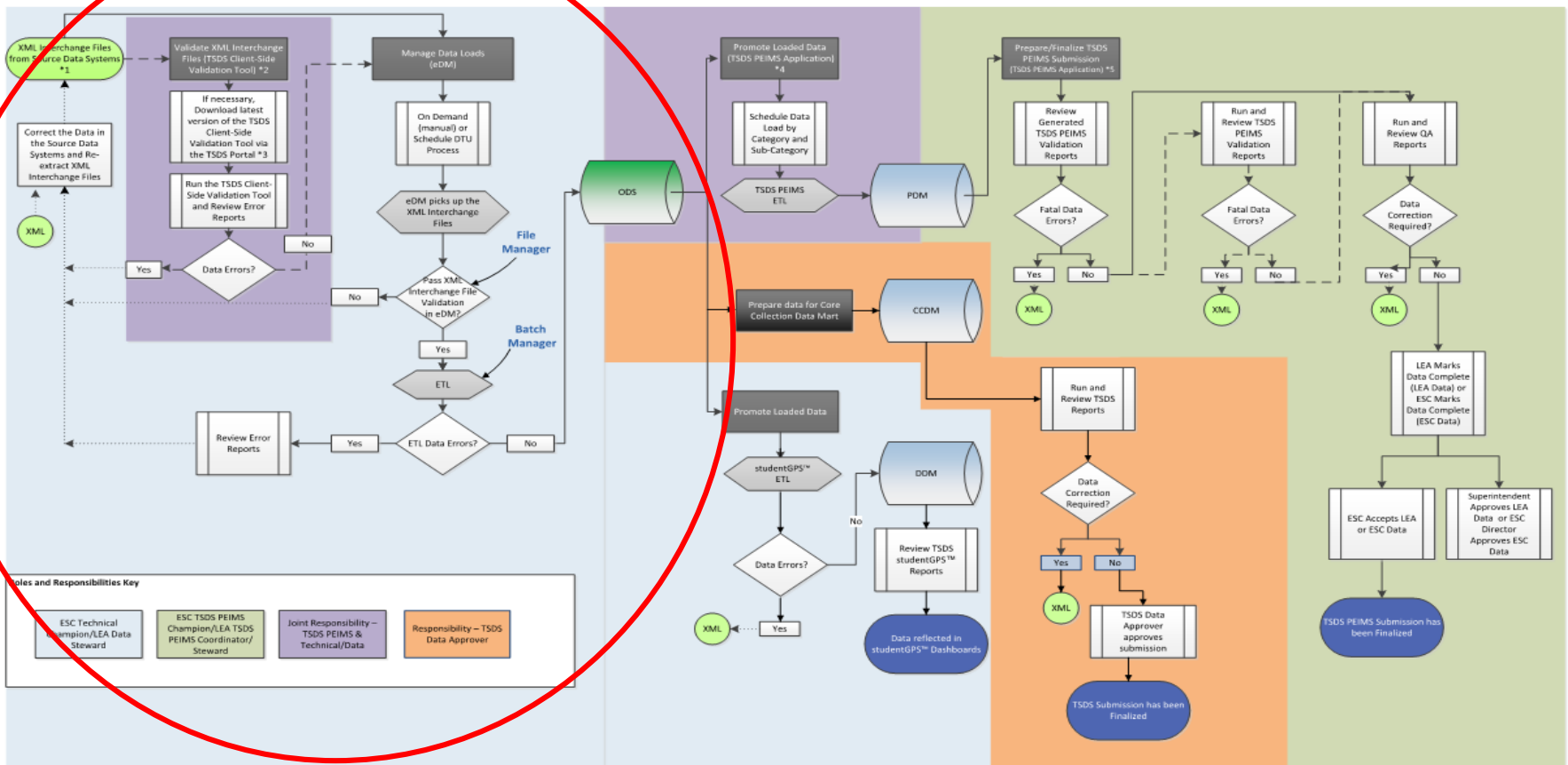


Data Loading Process Map

9

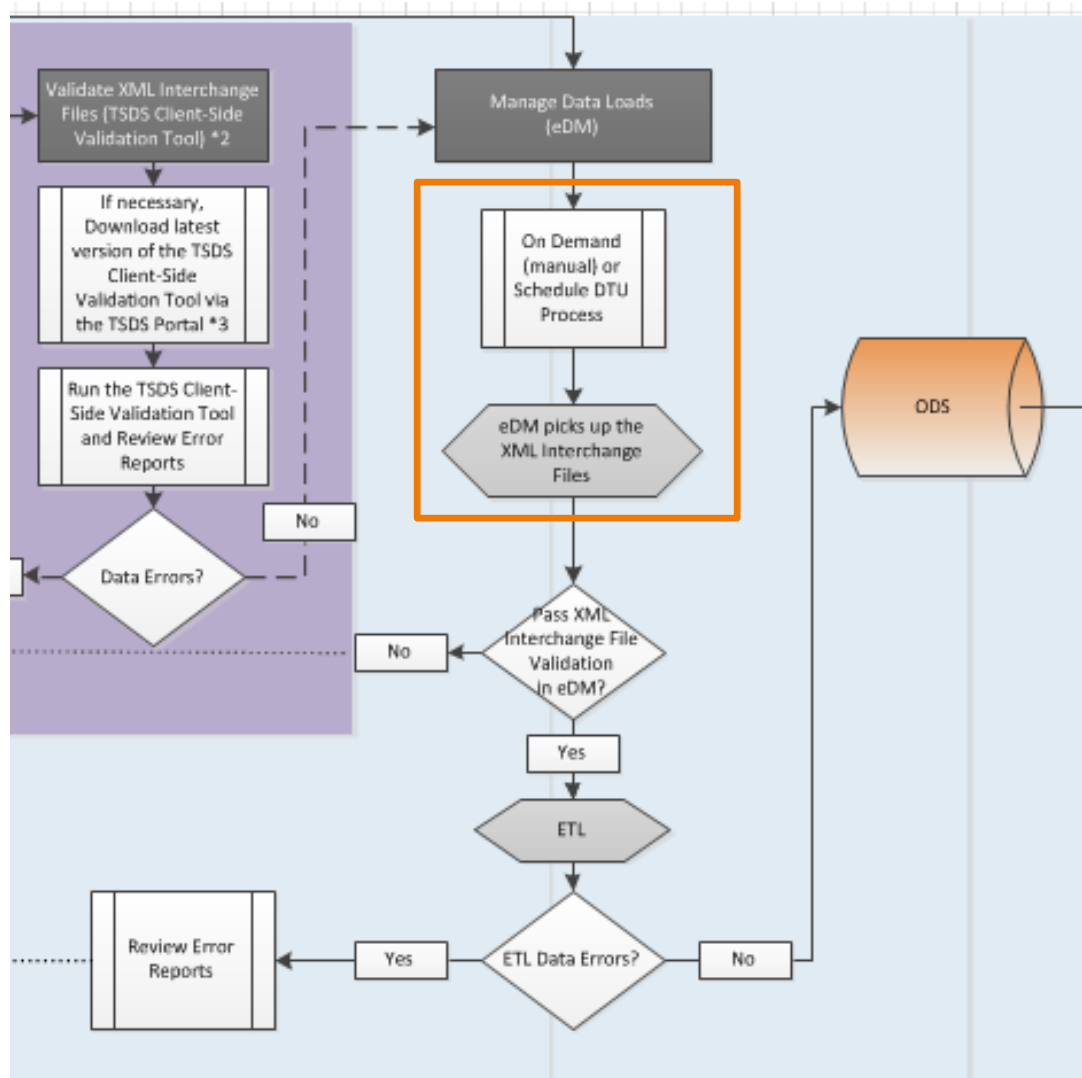


TSDS High Level End User Process Map

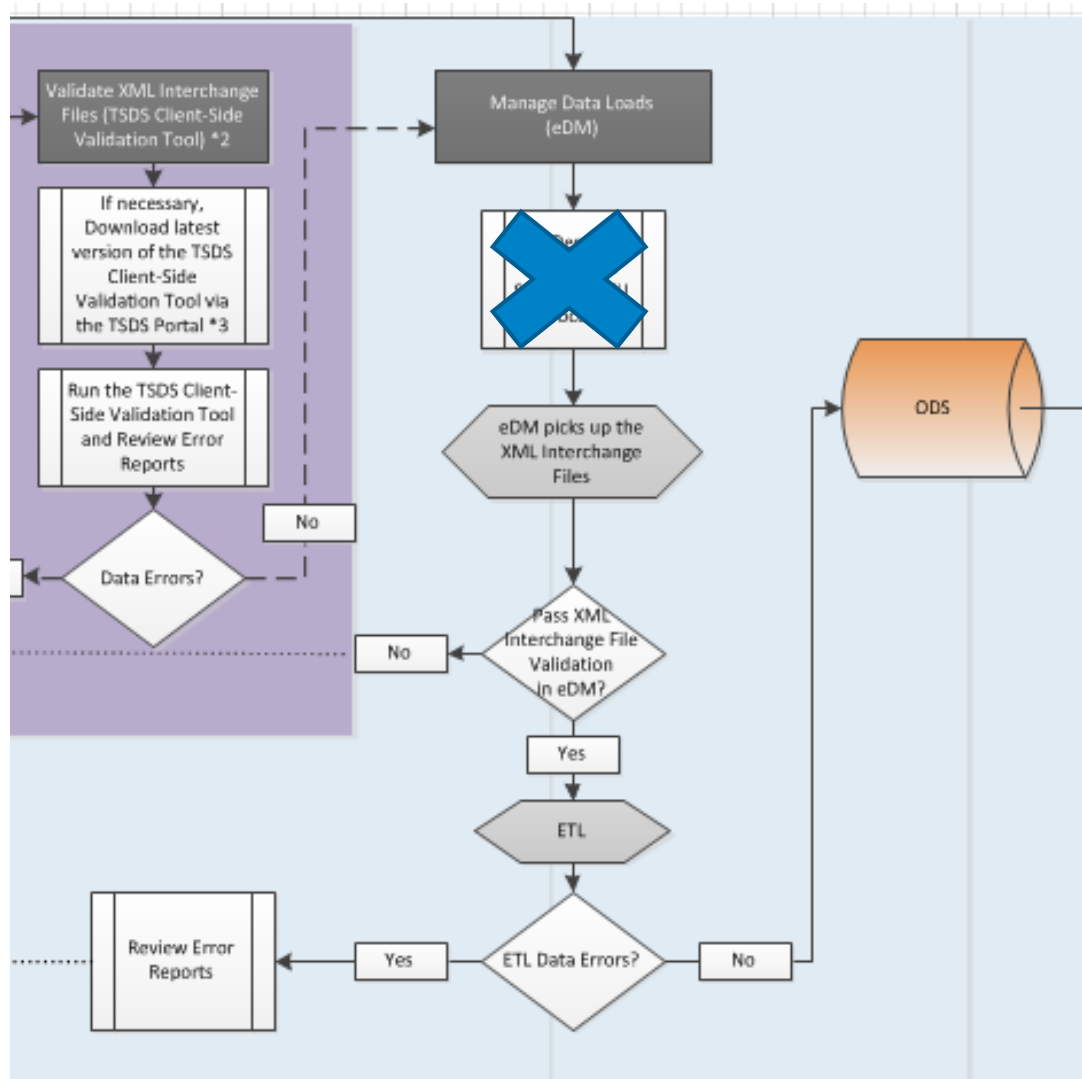


<http://www.tea.state.tx.us/Workarea/DownloadAsset.aspx?id=25769810585>

- The **recommended** method of submitting data to the TSDS eDM is by using the TSDS DTU
 - ▣ When files are submitted to eDM via the DTU, the XML Interchange files are automatically uploaded to eDM
 - ▣ The files are also automatically processed through File Manager to Batch Manager



- Users can also upload files directly to eDM
 - ▣ This is not the preferred process
- It is important to understand how to do a manual data submission
- When users upload directly to eDM, the system can accept zip files
- However, the data flow within eDM is then not automated, and users will have to manually promote files from File Manager to Batch Manager





TSDS eDM: Navigation



TSDS eDM: TSDS Portal Access

13

Welcome

The Texas Student Data System (TSDS) is a data collection and reporting system that improves and standardizes Texas education data collection and management processes and equips educators with timely, actionable, and historical student data to drive classroom and student success.

TSDS replaces and expands on the existing Public Education Information Management System (PEIMS).

It includes the optional studentGPS™ Dashboards, which provide an easy-to-understand picture of how a student is performing by combining multiple streams of student data, such as grades, attendance, discipline, and standardized test scores.

As a whole, TSDS represents a ground-breaking effort to reduce the burden on local education agencies and provide more value from the data collected.

GET STARTED

- Manage Unique IDs
- Manage Data Loads**
- Promote Loaded Data
- Prepare/Finalize Data
- View Reports

My Messages [View Older Messages](#)

System	Message	Date	Author	Action
Portal	System Maintenance 6/26/2013	6/2/2013	System	<input type="checkbox"/>
PEIMS	Mid-year Collection ready for review	5/26/2013	System	<input type="checkbox"/>
Broadcast	New PEIMS training available	5/14/2013	Petula Henderson	<input type="checkbox"/>
Broadcast	ESP data updated in PEIMS	5/14/2013	Zebulon Jones	<input type="checkbox"/>
studentGPS™	New report added to dashboards	5/1/2013	System	<input type="checkbox"/>
PET	New PET system in test	4/26/2013	System	<input type="checkbox"/>

Manage Data Loads



eDM Data Loads

Welcome, lmcnichols_train [Logout] 9901 - LEARNING ISD

Menu

- [Home](#)
- [File Manager](#)
- [Batch Manager](#)
- Interchange Menu**
- [Interchange Upload](#)
- External Links**
- [eScholar Support Portal](#)
- [eScholar.com](#)

System Messages

Date	Subject	Message
No messages available.		

Open Collections

Collection	Description
FALL_1_12_13	FALL_1_12_13
SUMR_1_11-12	SUMR_1_11-12



TSDS eDM: Load an XML Interchange File



Preparing Files for eDM Submission

16

- TSDS eDM accepts single .xml files that meet the TEDS naming convention
- TSDS eDM also accepts zip files for *manual* Interchange Uploads
 - ▣ The naming convention does not apply to zip files that are manually submitted to eDM
 - Individual files within the zip file must adhere to the naming convention
 - Note, however, that eDM is not configured to accept zip files with Folders of XML Interchange Files



Preparing Zip Files for TSDS eDM Submission: Samples

17

- This set of files can be zipped and submitted.

Documents library

Texas_Test_files

Arrange b



246911_000_2008SUMMER_2012101
21702_InterchangeStaffAssociatio...
XML Document



246911_000_2008SUMMER_2012101
71007_InterchangeStudentRestrai...
XML Document



246911_000_2008SUMMER_2014090
40124_InterchangeEducationOrg
XML Document



246911_000_2008SUMMER_2014090
40124_InterchangeEducationOrg...
XML Document

- This can't be zipped and submitted because there are folders.

Documents library

Texas_Test_files



Summer_I
File folder



246911_000_2008SUMMER_2012101
71007_InterchangeStudentRestrai...
XML Document



246911_000_2008SUMMER_2014090
40124_InterchangeEducationOrg
XML Document



TSDS eDM: Interchange Upload

Select File

18

Menu

- Home
- File Manager
- Batch Manager
- Interchange Menu**
- Interchange Upload**

Step 1

System Message

IMPORTANT: Files must be placed in a batch in order to have their data loaded into the system. Files in Va loaded into the system.

Upload Interchange Files

Interchange Collection: EXYR1 2012

Step 2

Step 3

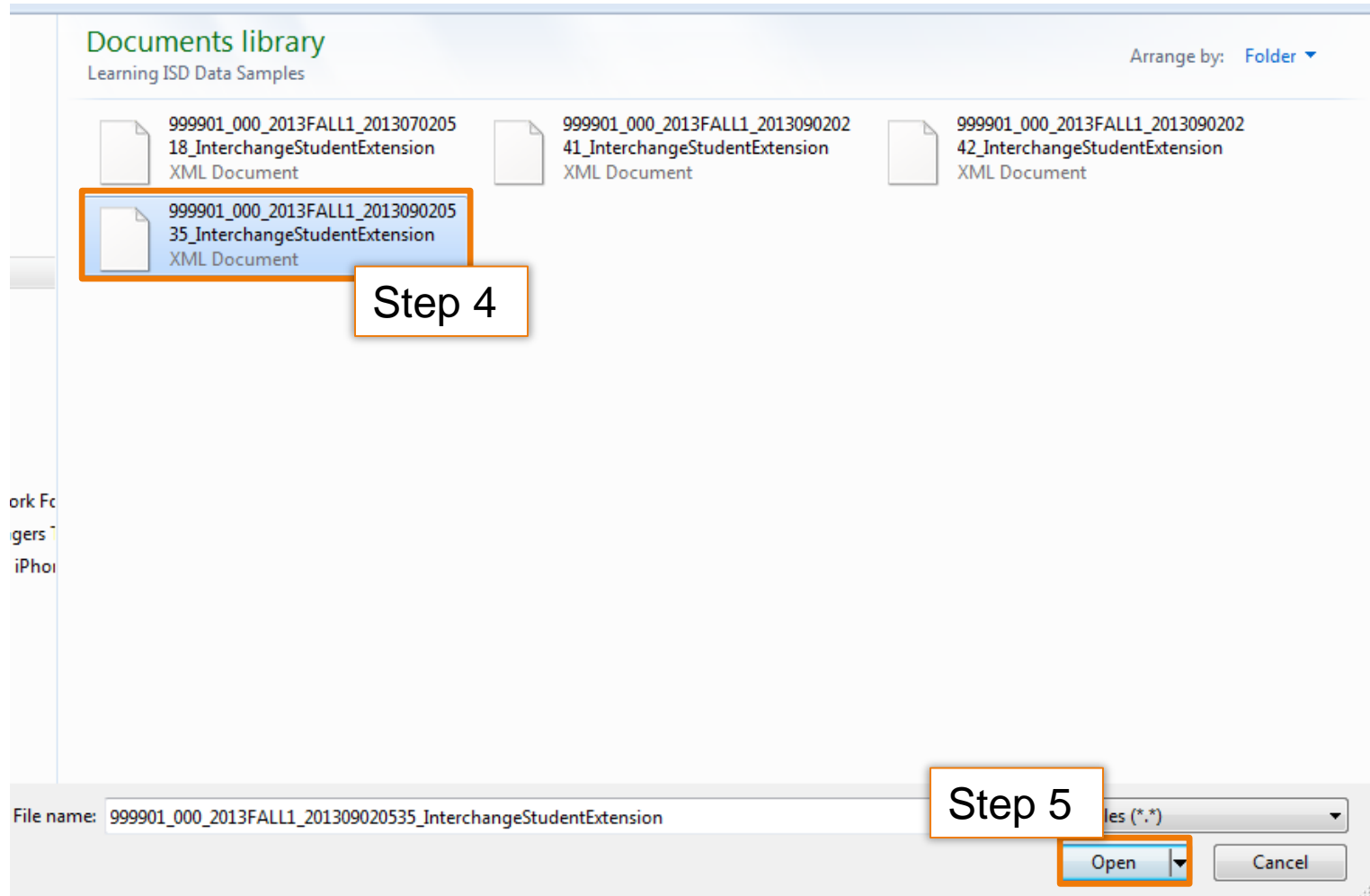
File 1:	EXYR1 2012	Browse...
File 2:	FALL1 2011	Browse...
File 3:	FALL1 2012	Browse...
File 4:	FALL1 2013	Browse...
File 5:	MDYR1 2012	Browse...
File 6:	SUMR1 2011	Browse...
File 7:	SUMR1 2012	Browse...
File 8:	TSDS 2012	Browse...
File 9:	TSDS 2013	Browse...

Upload



TSDS eDM: Interchange Upload Open File

19





TSDS eDM: Upload Interchange File

20

System Message

IMPORTANT: Files must be placed in a batch in order to have their data loaded into the system. Files in Validation are not loaded into the system.

Upload Interchange Files

Interchange Collection: FALL1 2013 ▼

File 1:	C:\Users\LMcNicholas\Documents\Texas\Phase_II\Learning IS	<input type="button" value="Browse"/>
File 2:		<input type="button" value="Browse..."/>
File 3:		<input type="button" value="Browse..."/>
File 4:		<input type="button" value="Browse..."/>
File 5:		<input type="button" value="Browse..."/>
File 6:		<input type="button" value="Browse..."/>
File 7:		<input type="button" value="Browse..."/>
File 8:		<input type="button" value="Browse..."/>
File 9:		<input type="button" value="Browse..."/>

Step 6



TSDS eDM Upload Interchange File Error

21

An error has occurred.
You will need to upload all selected files again.

System Message

IMPORTANT: Files must be placed in a batch in order to have their data loaded into the system. Files in Validation OK or Validation loaded into the system.

Upload Interchange Files

Interchange Collection: **FALL1 2013**

File 1:

File 2: ***Error - roll over with mouse to view.**
999901_000_2013FALL1_2013050205_InterchangeStudentExtension.xml: File Upload Error: Invalid file name. File names should be of the form _____.xml, Invalid Timestamp

File 3:

File 4:

File 5:

File 6:

File 7:

File 8:

File 9:



TSDS eDM Upload Interchange File Error

22

An error has occurred.

You will need to upload all selected files again.

System Message

IMPORTANT: Files must be placed in a batch in order to have their data loaded into the system. Files in Validation OK or Validation Failed will be loaded into the system.

Upload Interchange Files

Interchange Collection: **FALL1 2013** ▼

File 1:

***Error - roll over with mouse to view.**

File 2: **999901_000_2013FALL1_201305020243_InterchangeStudentExtension.xml: File Upload Error: File already exists in system**

File 3:

File 4:

File 5:

File 6:

File 7:

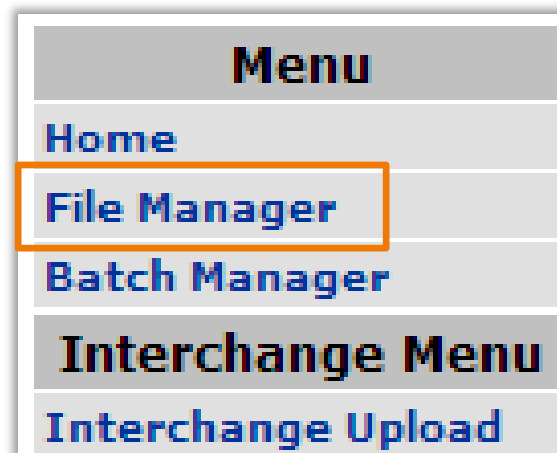
File 8:

File 9:



TSDS eDM: File Manager

- The **File Manager**:
 - ▣ Runs Pre Load validations
 - ▣ Posts the status of the file
 - ▣ Shows file details
 - ▣ Allows the user to download files



View log of files uploaded to eDM

Search to locate a specific file

File Manager

[Uploaded Files](#) [Search](#)

[Add to Batch](#) [Delete](#)

File Status: All From: 07/28/2013 To: 08/22/2013 [Filter](#)

File ID	Collection	File Name	Uploaded Time	Status	Actions
4658	FALL1 2013	999901_000_2013FALL1_201307020518_InterchangeStudentExtension.xml	2013-08-22 17:03		
4656	FALL1 2013	999901_000_2013FALL1_201309020242_InterchangeStudentExtension.xml	2013-08-22 17:03		
4655	FALL1 2013	999901_000_2013FALL1_201309020535_InterchangeStudentExtension.xml	2013-08-22 17:03		
4654	FALL1 2013	999901_000_2013FALL1_201309020518_InterchangeStudentExtension.xml	2013-08-22 16:38		

Displaying 1 to 5 of 5

First Prev Next Last

- 1) Filter files by status and date range
- 2) Click Filter

File Manager

Uploaded Files

[Search](#)

Add to Batch Delete

File Status: From: To: Filter

All 07/28/2013 08/22/2013

File ID	Collection	File Name	Uploaded Time	Status	Actions
<input checked="" type="checkbox"/> 4658	FALL1 2013	13FALL1_201307020518_InterchangeStudentExtension.xml	2013-08-22 17:03		
<input type="checkbox"/> 4657	FALL1 2013	13FALL1_201309020242_InterchangeStudentExtension.xml	2013-08-22 17:03		
<input type="checkbox"/> 4656	FALL1 2013	13FALL1_201309020241_InterchangeStudentExtension.xml	2013-08-22 17:03		
<input type="checkbox"/> 4655	FALL1 2013	999901_000_2013FALL1_201309020535_InterchangeStudentExtension.xml	2013-08-22 17:03		
<input type="checkbox"/> 4654	FALL1 2013	999901_000_2013FALL1_201309020518_InterchangeStudentExtension.xml	2013-08-22 16:38		

Displaying 1 to 5 of 5

First Prev Next Last

- 1) Check the box next to target file
- 2) Click Delete files



TSDS eDM: File Manager Search Tab

27

This screenshot shows the header section of the TSDS eDM File Manager Search Tab. It includes a tab labeled 'Uploaded Files' and a 'Search' button highlighted with an orange box. Below the tab are buttons for 'Add to Batch' and 'Delete'. To the right, there are filters for 'File Status' (set to 'All'), 'From' date (02/22/2013), and 'To' date (03/19/2013), followed by a 'Filter' button and a refresh icon.

This screenshot shows the search area of the TSDS eDM File Manager Search Tab. It features a 'File Manager Search' header, a 'Uploaded Files' tab, and a 'Search' button. Below the tab are input fields for 'File ID' and 'File Name', both highlighted with orange boxes. A 'Search' label is positioned to the left of a checkbox labeled 'Search All Available Districts'. A 'Search' button is located at the bottom of the search area.

User can search by File ID or File Name



eDM: File Manager File Status

28

File Manager

Uploaded Files

Search

Add to Batch

Delete

File Status:

All

From:

07/28/2013

To:

08/22/2013

Filter



<input type="checkbox"/>	File ID	Collection	File Name	Uploaded Time	Status	Actions
<input type="checkbox"/>	4658	FALL1 2013	999901_000_2013FALL1_201307020518_InterchangeStudentExtension.xml	2013-08-22 17:03		
<input type="checkbox"/>	4657	FALL1 2013	999901_000_2013FALL1_201309020242_InterchangeStudentExtension.xml	2013-08-22		
<input type="checkbox"/>	4656	FALL1 2013	999901_000_2013FALL1_201309020241_InterchangeStudentExtension.xml	2013-08-22		
<input type="checkbox"/>	4655	FALL1 2013	999901_000_2013FALL1_201309020241_InterchangeStudentExtension.xml	2013-08-22		
<input type="checkbox"/>	4654	FALL1 2013	999901_000_2013FALL1_201309020241_InterchangeStudentExtension.xml	2013-08-22		

Displaying 1 to 5 of 5

Prev Next Last

File Status



File Processing







File Rejected



Validation OK



Validation Failed

Icon	Title	Definition
	File Processing	TSDS eDM is running file through validations
	File Rejected	File has invalid syntax
	Validation OK	File completed validations without errors
	Validation Failed	File failed validation



eDM: Refresh File Status

30

File Manager

Uploaded Files

Search

Add to Batch

Delete

File Status:

All

From:

07/28/2013

To:

Refresh file status



<input type="checkbox"/>	File ID	Collection	File Name	Time	Status	Actions
<input type="checkbox"/>	4658	FALL1 2013	999901_000_2013FALL1_201307020518_InterchangeStudentExtension.xml	2013-08-22 17:03		
<input type="checkbox"/>	4657	FALL1 2013	999901_000_2013FALL1_201309020242_InterchangeStudentExtension.xml	2013-08-22 17:03		
<input type="checkbox"/>	4656	FALL1 2013	999901_000_2013FALL1_201309020241_InterchangeStudentExtension.xml	2013-08-22 17:03		
<input type="checkbox"/>	4655	FALL1 2013	999901_000_2013FALL1_201309020535_InterchangeStudentExtension.xml	2013-08-22 17:03		
<input type="checkbox"/>	4654	FALL1 2013	999901_000_2013FALL1_201309020518_InterchangeStudentExtension.xml	2013-08-22 16:38		

Displaying 1 to 5 of 5

First

Prev

Next

Last

From:	To:			Filter	
▼ 07/28/2013	08/22/2013				
	Uploaded Time	Status	Actions		
ngeStudentExtension.xml	2013-08-22 17:03				
ngeStudentExtension.xml	2013-08-22 17:03				
ngeStudentExtension.xml	2013-08-22 17:03				
ngeStudentExtension.xml	2013-08-22 17:03				
ngeStudentExtension.xml	2013-08-22 16:38				
			First	Prev	Next
			Last		

User selects the magnifying glass to view details.




eDM: File Manager File Details

32



File Details - File ID: 4655; File Name: 999901_000_2013FALL1_201309020535_InterchangeStudentExtension.xml

General Information

Validation Information

Filename:	999901_000_2013FALL1_201309020535_InterchangeStudentExtension.xml
Associated Interchange:	StudentExtension
Collection Name:	FALL1 2013
Collection Id:	17
File ID:	4655
Batch ID:	N/A
Uploaded Time:	2013-08-22 17:03
File Status:	Validation OK 
Uploaded By:	au.sysconfig
Uploaded Time:	2013-08-22 17:03
Uploaded Via:	HTTP
Last Modified By:	au.sysconfig
Last Modified Time:	2013-08-22 17:03
Archived:	No
Archived Time:	

Source File

File Type	File Name	Last Modified Date	Download File Content
Source File	999901_000_2013FALL1_201309020535_InterchangeStudentExtension.xml	2013-08-22 17:03	 

Add to Batch

Delete

Cancel



eDM: File Manager Validation Details


33

General Information

Validation Information



Validation Start Time: 2013-08-22 17:03
Validation End Time: 2013-08-22 17:03
Total Validation Time: 0.141 seconds

Number of Applied Validations: N/A

Validation Status: Validation OK 

Download
Source File

File Contents

File Type	File Name	Last Modified Date	Download File Content
Source File	999901_000_2013FALL1_201309020535_InterchangeStudentExtension.xml	2013-08-22 17:03	 

Add to Batch

Delete

Cancel

Add to Batch



eDM: File Manager Error File

34

General Information


Validation Information

Validation Start Time: 2013-08-22 17:03

Validation End Time:




Total Validation Time: 0.0 seconds

Number of Applied Validations: N/A

Validation Status: Failed Validation 

Validation
Failed

File Contents

File Type	File Name	Last Modified Date	Download File Content
Source File	999901_000_2013FALL1_201307020518_InterchangeStudentExtension.xml	2013-08-22 17:03	
File			
error.zip			

View File Content

Add to Batch

Delete

Cancel

When a file is returned with Validation Failed the user can download the Error File. Note that Add to Batch is greyed out. Only files that pass validation can be processed.

Note: when files are transferred to eDM via DTU, this is the part of the process that is automated. Users will not have to execute these steps when files are sent to eDM through the DTU.

File Manager

Uploaded Files

Add to Batch **Delete**

File Status: All From: 07/28/2013 To: 08/22/2013 Filter

File ID	Collection	File Name	Uploaded Time	Status	Actions
<input type="checkbox"/> 4658	FALL1 2013	999901_000_2013FALL1_201307020518_InterchangeStudentExtension.xml	2013-08-22 17:03		
<input type="checkbox"/> 4657	FALL1 2013	999901_000_2013FALL1_201309020242_InterchangeStudentExtension.xml	2013-08-22 17:03		
<input type="checkbox"/> 4656	FALL1 2013	999901_000_2013FALL1_201309020241_InterchangeStudentExtension.xml	2013-08-22 17:03		
<input checked="" type="checkbox"/> 4655	FALL1 2013	999901_000_2013FALL1_201309020535_InterchangeStudentExtension.xml	2013-08-22 17:03		
<input type="checkbox"/> 4654	FALL1 2013	999901_000_2013FALL1_201309020518_InterchangeStudentExtension.xml	2013-08-22 16:38		

Displaying 1 to 5 of 5

First Prev Next Last

Check the box next to the target file and then select Add to Batch.



TSDS eDM: View Batch

36

File Manager

Uploaded Files

Search

Add to Batch

View Batch

Delete

File Status:

From:

To:

All

07/28/2013

08/22/2013

Filter



<input type="checkbox"/>	File ID	Collection	File Name	Uploaded Time	Status	Actions
<input type="checkbox"/>	4658	FALL1 2013	999901_000_2013FALL1_201307020518_InterchangeStudentExtension.xml	2013-08-22 17:03		
<input type="checkbox"/>	4657	FALL1 2013	999901_000_2013FALL1_201309020242_InterchangeStudentExtension.xml	2013-08-22 17:03		
<input type="checkbox"/>	4656	FALL1 2013	999901_000_2013FALL1_201309020241_InterchangeStudentExtension.xml	2013-08-22 17:03		
<input checked="" type="checkbox"/>	4655	FALL1 2013	999901_000_2013FALL1_201309020535_InterchangeStudentExtension.xml	2013-08-22 17:03		
<input type="checkbox"/>	4654	FALL1 2013	999901_000_2013FALL1_201309020518_InterchangeStudentExtension.xml	2013-08-22 16:38		

Displaying 1 to 5 of 5

First

Prev

Next

Last

Note the check box is grayed out. Select View Batch to continue.



TSDS eDM: Add Batch Notes and Process

37

Add optional comments below or
To create a batch with the 1 file(s) in the cart,
press the 'Process Batch' button below:

Process Batch

Cancel

Add comments associated with this batch (limited to 255 characters):

Administrative comments.

Send Email Notification When Batch Completes:

☐ Yes ☒ No

Email Address:

Enter Batch Notes here.

Please review the list of files below before creating a batch:

<input type="checkbox"/> File ID	Template/Interchange	Collection	File Name	Uploaded Time	Status**	Actions
<input type="checkbox"/> 4655	StudentExtension	FALL1 2013	999901_000_2013FALL1_201309020535_InterchangeStudentExtension.xml	2013-08-22 17:03	Validation OK	

Displaying 1 to 1 of 1

First Prev Next Last

Remove From Batch

Cancel

To create a batch with the 1 file(s) in the cart, press the 'Process Batch' button below:

Process Batch

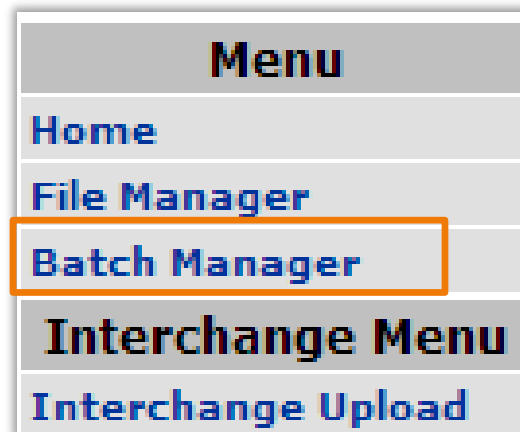
Select
Process Batch



TSDS eDM: Batch Manager

□ The **Batch Manager**:

- ▣ Executes the ETL process and runs the Load Validations (TEDS Section 3, TEDS Section 4 and TEDS Section 5 checks)
- ▣ Monitors the status of batches
- ▣ Produces error files generated by the ETL process
- ▣ Allows the users to verify the ODS has been updated with new data





TSDS eDM: Batch Manager Navigation

40

View the log of batch files.

Search to locate a specific batch file

Batch Manager

[Batches](#) [Search](#)

Hide from list **

Date From: 02/22/2013 Date To: 03/19/2013 Batch Status: All Filter

Batch ID	Batch Type	Comments	Modified Time	Batch Status	Data Status	Actions
34	Data Load		2013-03-19 14:20	Failed		
33	Data Load		2013-03-19 14:18	Failed		
32	Data Load		2013-03-19 14:15	Failed		
31	Data Load		2013-03-19 14:13	Complete		
28	Data Load	Automatically created batch by user syst...	2013-03-18 10:38	Failed		
26	Data Load		2013-03-15 15:50	Complete		
25	Data Load		2013-03-15 15:45	Complete		
24	Data Load		2013-03-15 15:25	Complete		
23	Data Load		2013-03-15 11:36	Complete		
22	Data Load	stu parent	2013-03-15 11:31	Complete		

Batch ID

Displaying 1 to 10 of 13


First Prev Next Last



Batch Manager: Interchanges

41

DTU Package | TSDS | Help Desk | Exit



eDM Data Loads

Welcome, [User] [Logout] ?
01111 · Happy ISD [Change District]

Menu

Home

Upload

File Manager

Batch Manager

Interchange Menu

Interchange Upload

Interchange Collection Manager

Admin Menu

Admin Collection

Admin Reports

Broadcast Messages

Collection Manager

ETL Plan Configuration

External Links

Texas Student Data System

Texas Education Agency

Batch Manager

Batches

Search

Hide from list **

Date From: 02/03/2014

Date To: 02/28/2014

Batch Status: All

Filter

<input type="checkbox"/>	Batch ID	Batch Type	Comments	Modified Time	Batch Status	Data Status	Actions
<input type="checkbox"/>	912	Data Load	2013 EdOrg & OrgCal	2014-02-21 08:03	Complete		
<input type="checkbox"/>	911	Data Load	2012 EdOrg & OrgCal	2014-02-21 08:01	Complete		
<input type="checkbox"/>	910	Data Load	2011 EdOrg & OrgCal	2014-02-21 07:59	Complete		

Displaying 1 to 3 of 3

First Prev Next Last

**Hiding batches from the list does NOT delete the batches from the system.

TSDS | Help Desk | Exit



TSDS eDM: Batch Manager Filters & Hide Batches

42

- 1) Filter by date or batch status
- 2) Click Filter

Batch Manager

Batches

Search

Hide from list **

Date From:

07/28/2013

Date To:

08/22/2013

Batch Status:

All

Filter

<input type="checkbox"/>	Batch ID	Batch Type	Comments	Modified Time	Batch Status	Data Status	Actions
<input type="checkbox"/>	1400	Data Load	Administrative comments.	2013-08-22 19:18	Complete		
<input type="checkbox"/>	1399	Data Load	test 8_22	2013-08-22 16:30	Complete		

Displaying 1 to 2 of 2

First

Prev

Next

Last

- 1) Check the box next to the target batch
- 2) Click Hide from List



Batches Search

Search By: ☒ Batch ID ☐ Comments ☐ Status ☐ Hidden Batches ☐ Template

Batch ID :

Search *Results returned a limited to a maximum of 200 records.

- Users can search by
 - ▣ Batch ID
 - ▣ Comments
 - ▣ Status
 - ▣ Hidden Batches
 - ▣ Template *Restricted to sys admins*



TSDS eDM: Batch Status

44

Batch Manager

[Batches](#)

[Search](#)

Hide from list **

Date From:

07/28/2013

Date To:

08/22/2013

Batch Status:

All

Filter



<input type="checkbox"/>	Batch ID	Batch Type	Comments	Modified Time	Batch Status	Data Status	Actions
<input type="checkbox"/>	1400	Data Load	Administrative comments.	2013-08-22 19:18	Complete		
<input type="checkbox"/>	1399	Data Load	test 8_22	2013-08-22 16:30			

rev Next Last



Ready to
Process



Processing








Complete w/o
Errors



Complete w/
Errors



Load Plan
Failed

Icon	Title	Definition
	Batch Received	Batch was received in Batch Manager.
	Processing	Batch Manager is executing ETL process.
	Complete w/o errors	Load Plan completed without errors.
	Complete w/ errors	Load Plan Completed with errors.
	Load Plan failed	Load Plan failed. The plan didn't run to completion.



TSDS eDM: Batch Processing

46

Batch Manager

[Batches](#)

[Search](#)

Hide from list **

Date From:

07/28/2013

Date To:

08/22/2013

Batch Status:

All

Filter



<input type="checkbox"/>	Batch ID	Batch Type	Comments	Modified Time	Batch Status	Data Status	Actions
<input type="checkbox"/>	1401	Data Load	Demo processing	2013-08-22 19:25	Processing		
<input type="checkbox"/>	1400	Data Load	Administrative comments.	2013-08-22	Complete		
<input type="checkbox"/>	1399	Data Load	test 8_22				

The Batch is processing

Displaying 1 to 3 of 3

First

Prev

Next

Last



TSDS eDM: Refresh Batch Status

47

Batch Manager

[Batches](#)

[Search](#)

Hide from list **

Date From:

07/28/2013

Date To:

08/22/2013

Batch Status:

All

Filter



Refresh screen

<input type="checkbox"/>	Batch ID	Batch Type	Comments	Modified	Batch Status	Actions
<input type="checkbox"/>	1401	Data Load	Demo processing	2013-08-22 19:25		
<input type="checkbox"/>	1400	Data Load	Administrative comments.	2013-08-22 19:18	Complete	
<input type="checkbox"/>	1399	Data Load	test 8_22	2013-08-22 16:30	Complete	

Displaying 1 to 3 of 3

First

Prev

Next

Last



TSDS eDM: View Batch Details

48

Batch Manager

[Batches](#)

[Search](#)

☐ Hide from list **

Date From:

07/28/2013

Date To:

08/22/2013

Batch Status:

All

Filter



<input type="checkbox"/>	Batch ID	Batch Type	Comments	Modified Time	Batch Status	Data Status	Actions
<input type="checkbox"/>	1401	Data Load	Demo processing	2013-08-22 19:26	Complete		
<input type="checkbox"/>	1400	Data Load	Administrative comments.	2013-08-22 19:18	Complete		
<input type="checkbox"/>	1399	Data Load	test 8_22	2013-08-22 16:30	Complete		

Displaying 1 to 3 of 3

First

Prev

Next

Last

Users select the magnifying glass to view details



TSDS eDM: Batch Details No Errors

49

Batch Details

Batch ID: 1400

Auto Batched: No

Last Modified: 2013-08-22

Batch Status: Complete

Priority: MEDIUM

Data Status:

Comments

Administrative comments.

[Edit](#)
[Comments](#)

File ID	Collection	File Name	Uploaded Time	Batch Status	Data Status	Actions
4655FALL1	2013	999901_000_2013FALL1_201309020535_InterchangeStudentExtension.xml	2013-08-22	Plan Complete		

Displaying 1 to 1 of 1

First

Prev

Next

Last

Users select the magnifying glass to view additional details



TSDS eDM: ETL Information

50


File Details - Batch ID: 1400; File ID: 4655; File Name: 999901_000_2013FALL1_201309020535_InterchangeStudentExtension.xml

General Information

Validation Information

ETL Information

Status:

Plan Complete 

ETL Plan Start:

Processing start and end times

2013-08-22 19:18

ETL Plan End:

2013-08-22 19:18

Table Statistics

Records Inserted - STUDENT_FACT :

of new records
inserted

0

Records Inserted - STUD_SNAPSHOT_ADDRESS :

0

Records Inserted - STUD_SNAPSHOT_EMAIL_ADDRESS :

0

Records Inserted - STUD_SNAPSHOT_IDENT_VALUE :

0

Records Inserted - STUD_SNAPSHOT_PHONE :

0

Rows Source No Change - STUDENT_FACT :

0

Rows Source No Change - STUD_SNAPSHOT :

2

Rows Source No Change - STUD_SNAPSHOT_ADDRESS :

0

Rows Source No Change - STUD_SNAPSHOT_EMAIL_ADDRESS :

0

Rows Source No Change - STUD_SNAPSHOT_IDENT_VALUE :

4

Rows Source No Change - STUD_SNAPSHOT_PHONE :

0

Rows Updated - STUDENT_FACT :

0

Rows Updated - STUD_SNAPSHOT :

0

Rows Updated - STUD_SNAPSHOT_ADDRESS :

0

Rows Updated - STUD_SNAPSHOT_EMAIL_ADDRESS :

0

Rows Updated - STUD_SNAPSHOT_IDENT_VALUE :

0

Rows Updated - STUD_SNAPSHOT_PHONE :

0

of existing records
updated



TSDS eDM: ETL Generated Files

51

Table Statistics

Records Inserted - STUDENT_FACT :	0
Records Inserted - STUD_SNAPSHOT_ADDRESS :	0
Records Inserted - STUD_SNAPSHOT_EMAIL_ADDRESS :	0
Records Inserted - STUD_SNAPSHOT_IDENT_VALUE :	0
Records Inserted - STUD_SNAPSHOT_PHONE :	0
Rows Source No Change - STUDENT_FACT :	0
Rows Source No Change - STUD_SNAPSHOT :	2
Rows Source No Change - STUD_SNAPSHOT_ADDRESS :	0
Rows Source No Change - STUD_SNAPSHOT_EMAIL_ADDRESS :	0
Rows Source No Change - STUD_SNAPSHOT_IDENT_VALUE :	4
Rows Source No Change - STUD_SNAPSHOT_PHONE :	0
Rows Updated - STUDENT_FACT :	0
Rows Updated - STUD_SNAPSHOT :	0
Rows Updated - STUD_SNAPSHOT_ADDRESS :	0
Rows Updated - STUD_SNAPSHOT_EMAIL_ADDRESS :	0
Rows Updated - STUD_SNAPSHOT_IDENT_VALUE :	0
Rows Updated - STUD_SNAPSHOT_PHONE :	0

ETL Generated Files

ETL Generated Files

File	Records	Last Modified Date	View File Content
StudentExtension_LP.log	3	2013-08-22 19:18	
StudentExtension_LP_PARAMS.txt	25	2013-08-22 19:18	




TSDS eDM: Log File

52

ETL Generated Files

File	Records	Last Modified Date	View File Content
StudentExtension_LP.log	3	2013-08-22 19:18	
StudentExtension_LP_PARAMS.txt	25	2013-08-22 19:18	

Filename: StudentExtension_LP.log

Action: Download File 

File Preview

Note: For performance reasons, only the first 100 rows of a file is displayed. To view the entire contents of larger files, you must download the file.

[WHITESNAKE|7140|5088|SAPPCOM|INFO|8/22/2013 7:18:38 PM|{44992A07-BFAF-46B0-8589-FAD06D15CF72}|E:\Work\BatchManager\edm_batch_1400\edm_plan_exec_3629\StudentExtension_LP.log]

Plan Execution: Plan[Texas\Interchanges\StudentExtension] Completed 8/22/2013 7:18:38 PM
The Batch Tag for the Plan Execution [Texas\Interchanges\StudentExtension] is 3415

The Batch Tag may be helpful when communicating support issues.



eDM: Batch Details Complete with Errors

53

Batch Details

Batch ID: 1399

Auto Batched: No

Last Modified: 2013-08-22

Batch Status: Complete

Priority: MEDIUM

Data Status:

Comments: test 8_22

[Edit](#)
[Comments](#)

File ID	Collection	File Name	Uploaded Time	Batch Status	Data Status	Actions
4653	FALL1 2013	999901_000_2013FALL1_201308020535_InterchangeStudentExtension.xml	2013-08-22	Plan Complete		
4650	FALL1 2013	999901_000_2013FALL1_201308020241_InterchangeStudentExtension.xml	2013-08-22	Plan Complete		
4651	FALL1 2013	999901_000_2013FALL1_201308020242_InterchangeStudentExtension.xml	2013-08-22	Plan Complete		
4652	FALL1 2013	999901_000_2013FALL1_201308020518_InterchangeStudentExtension.xml	2013-08-22	Plan Complete		

Displaying 1 to 4 of 4

First

Prev

Next

Last

Users select the magnifying glass to view additional details



eDM: ETL Generated Error Files


54

General Information

Validation Information

ETL Information

Status:

Plan Complete with Errors 

ETL Plan Start:

2013-08-22 16:30

ETL Plan End:

2013-08-22 16:30

Table Statistics

Records Inserted - STUDENT_FACT :

0

Records Inserted - STUD_SNAPSHOT_ADDRESS :

0

Records Inserted - STUD_SNAPSHOT_EMAIL_ADDRESS :

0

Records Inserted - STUD_SNAPSHOT_IDENT_VALUE :

0

Records Inserted - STUD_SNAPSHOT_PHONE :

0

Rows Source No Change - STUDENT_FACT :

0

Rows Source No Change - STUD_SNAPSHOT :

0

Rows Source No Change - STUD_SNAPSHOT_ADDRESS :

0

Rows Source No Change - STUD_SNAPSHOT_EMAIL_ADDRESS :

0

Rows Source No Change - STUD_SNAPSHOT_IDENT_VALUE :

0

Rows Source No Change - STUD_SNAPSHOT_PHONE :

0

Rows Updated - STUDENT_FACT :

0

Rows Updated - STUD_SNAPSHOT :

0

Rows Updated - STUD_SNAPSHOT_ADDRESS :

0

Rows Updated - STUD_SNAPSHOT_EMAIL_ADDRESS :

0

Rows Updated - STUD_SNAPSHOT_IDENT_VALUE :

0

Rows Updated - STUD_SNAPSHOT_PHONE :

0

ETL Generated Files

File

Records


Last Modified Date

View File Content

ERROR_StudentExtension_20130822.TAB

1


2013-08-22 16:30



StudentExtension_LP.log

3


2013-08-22 16:30



StudentExtension_LP_PARAMS.txt

25

2013-08-22 16:30



ETL Generated Files: Error File

ETL Generated Files: Error File



Troubleshooting & eDM Error Dictionary


texas student data system

I am a: Choose One

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[TSDS](#) > [Education Data Warehouse](#) > ODS and eDM > Data Loading and the Operational Data Store

Search



APPLY NOW FOR STAGE 1 DASHBOARDS SY - 2014/15

Have You Noticed?

The URL for this website has changed. Please update your bookmarks: all pages on this site should begin with "www.texasstudentdatasystem.org"

Read more: [New URL](#)



How Is Data Loaded to TSDS?

The Operational Data Store (ODS) is the central district -controlled data repository for TSDS. The eDM Data Loads tool and the Data Transfer Utility allow users to load local data to the ODS.

Data Loading & the Operational Data Store

How does the data loading process work?



```

graph LR
    A[SSIS & Staging Area Local Systems] --> B[DTU]
    B --> C[eDM ODS]
    C --> D[to TSDS subsystems...]
    
```

Using the eDM Data Loader

Users can perform one-time manual loads from anywhere in their local system using the eScholar Data Manager (eDM) data loader. eDM picks up the specified file and validates it, and then the user directs the system to process the file into the ODS.

Using the Data Transfer Utility

- Use the eDM Error Dictionary to help with these examples*

Example A: EducationOrganizationExtension Interchange	Example B: StudentAttendanceExtension Interchange	Example C: StaffAssociationExtension Interchange	Example D: EducationOrganization Extension Interchange
Values Not in Scholwhs.Course_Catalog Table District_Code = 000000, School_Year = 6/30/2015, Catalog_Course_Cd = 03580600	Values Not in Scholwhs.Course Table District_Code = 701603, Location.Location_Id = 701603001, Period.Period_End_Date = 6/30/2015, Period.Period_Level_Desc = TSDS, Course_Id = 9001, Semester = N/A	Error 1: XSD cvc-datatype-valid.1.2.1: 'ID_M&S' is not a valid value for 'NCName'. Error 2: XSD cvc-attribute.3: The value 'ID_M&S' of attribute 'id' on element 'CredentialFieldDescriptor' is not valid with respect to its type, 'ID'.	Error 1: XSD cvc-complex-type.2.4.b: The content of element 'Telephone' is not complete. One of '{ <u>"http://www.tea.state.tx.us/tsds":TelephoneNumber</u> }' is expected. Error 2: XSD cvc-complex-type.2.4.b: The content of element 'School' is not complete. One of '{ <u>"http://www.tea.state.tx.us/tsds":ClassPeriodReference</u> , <u>"http://www.tea.state.tx.us/tsds":LocationReference</u> }' is expected



TSDS eDM System Level Issues

58

- On a rare occasion the system will experience an interruption in services if connectivity is lost or a server experiences issues
- If an LEA was loading data at that time, the user may note that:
 - ▣ A File is stuck in *received* status in File Manager
 - ▣ A Batch is stuck in the *in queue* status or *ready to process* status in Batch Manager
 - ▣ The load plan does not run to completion and the status is Load Plan failed
- The LEA Data Steward needs to open a support ticket in the incident management system (TIMS)



Pre Load and Load Validations

59

- ❑ Error files will be generated in TSDS eDM if the XML Interchange file does not meet the XSD data validations or the data checks specified in TEDS
- ❑ The validations executed in the File Manager and Batch Manager confirm that the XML Interchange Files adhere to the collection specific validation rules
- ❑ File Manager executes the Pre Load Validations (XSD Validations)
- ❑ Batch Manager executes the Load Validations (Referential Data Validations) and comply with the TEDS Section 3, TEDS Section 4 and some of the TEDS Section 5 checks



File Manager Errors

60

- ❑ While there is no way to catalogue each and every error that you are going to encounter, there are some more common data issues that you should know. File Manager is checking for XSD validations, or preload validations.
- ❑ Checks for missing mandatory fields
- ❑ Checks field length
- ❑ Checks for accepted alpha & numeric characters
 - I.e., no 0 in student unique ID field
- ❑ Checks to make sure Data Element Tag is named correctly
- ❑ Data elements should be in order defined by XML Interchange schemas
- ❑ Validates that the complex type belongs to the collection (i.e. each collection specifies that XYZ complexes are included in the collection. If the submitted complex doesn't belong to the collection than it will be flagged by File Manager)



File Manager (Preload) Error #1

61

Missing Mandatory Field

Error 1: XSD cvc-complex-type.2.4.a: Invalid content was found starting with element 'Address'. One of '{["http://www.tea.state.tx.us/tsds"](http://www.tea.state.tx.us/tsds):OrganizationCategories}' is expected.



File Manager (Preload) Error #2

62

Character Type

Error 1: XSD cvc-pattern-valid: Value 'A12345678' is not facet-valid with respect to pattern '[1-9]{10}' for type 'UniqueStateIdentifier'.

Error 2: XSD cvc-type.3.1.3: The value 'A12345678' of element 'StudentUniqueStateId' is not valid.



File Manager (Preload) Error #3

63

Field Length

Error 1: XSD cvc-pattern-valid: Value 'TEX' is not facet-valid with respect to pattern '[A-Z]{2}' for type 'StateAbbreviationType'.

Error 2: XSD cvc-type.3.1.3: The value 'TEX' of element 'StateAbbreviation' is not valid.



File Manager (Preload) Error #4

64

Data Element Tag is Named Incorrectly

Error 1: XSD cvc-complex-type.2.4.a: Invalid content was found starting with element 'OrganizationCategorie'. One of '{["http://www.tea.state.tx.us/tsds"](http://www.tea.state.tx.us/tsds):OrganizationCategories}' is expected.



File Manager (Preload) Error #4 Demo

65

```
<InterchangeEducationOrganization xsi:schemaLocation="http://www.tea.state.tx.us/tsds-InterchangeEducationOrganizationExtension.xsd" xmlns="http://www.tea.state.tx.us/tsds"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <LocalEducationAgency id="LEA1">
    <StateOrganizationId>999903</StateOrganizationId>
    <NameOfInstitution>Learning ISD</NameOfInstitution>
    <OrganizationCategory>
      <OrganizationCategory>Local Education
Agency</OrganizationCategory>
    </OrganizationCategory>
  </LocalEducationAgency>
</InterchangeEducationOrganization>
```



File Manager (Preload) Error #5

66

Complex Type-Collection

Error 1: XSD cvc-complex-type.2.4.a: Invalid content was found starting with element 'StudentBilingualProgramAssociationExtension'. One of '["http://www.tea.state.tx.us/tsds"](http://www.tea.state.tx.us/tsds):StudentCTEProgramAssociation, '["http://www.tea.state.tx.us/tsds"](http://www.tea.state.tx.us/tsds):StudentSpecialEdProgramAssociationExtension, '["http://www.tea.state.tx.us/tsds"](http://www.tea.state.tx.us/tsds):StudentTitleIPartAProgramAssociationExtension, '["http://www.tea.state.tx.us/tsds"](http://www.tea.state.tx.us/tsds):StudentProgramAssociation, '["http://www.tea.state.tx.us/tsds"](http://www.tea.state.tx.us/tsds):ServiceDescriptor}' is expected.



File Manager (Preload) Error #6

67

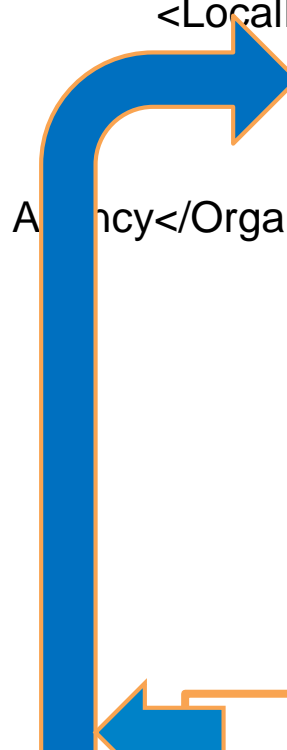
Data Elements should be in Order Defined by XML
Interchange Schemas

Error 1: XSD cvc-complex-type.2.4.a: Invalid content was found starting with element 'OrganizationCategories'.
'{"<http://www.tea.state.tx.us/tsds>":NameOfInstitution}' is expected.



File Manager (Preload) Error #6 Demo

68



A diagram on the left side of the XML block shows a blue arrow pointing from the 'Agency' label to the '<LocalEducationAgency id="LEA1">' tag. Another blue arrow points from the 'NameOfInstitution' label to the '<NameOfInstitution>Learning ISD</NameOfInstitution>' tag. A third blue arrow points from the 'NameOfInstitution' label to the '<Address AddressType="Physical">' tag.

```
<LocalEducationAgency id="LEA1">
  <StateOrganizationId>999903</StateOrganizationId>
  <OrganizationCategories>
    <OrganizationCategory>Local Education
  Agency</OrganizationCategory>
  </OrganizationCategories>
  <Address AddressType="Physical">
    <StreetNumberName>1111 LEA Physical Drive</StreetNumberName>
    <City>Physical</City>
    <StateAbbreviation>TX</StateAbbreviation>
    <PostalCode>12345-6789</PostalCode>
    <NameOfCounty>Physical County</NameOfCounty>
    <CountryCode>US</CountryCode>
  </Address>
  <NameOfInstitution>Learning ISD</NameOfInstitution>
</LocalEducationAgency>
```



File Manager (Preload) Error #7

69

Interchange Data Submitted Does Not Match File Name

File Content - Data File ID: 1573; Data File Name:
999903_000_2013TSDS_201305301104_InterchangeStudentParentExtension.xml

Error 1: XSD cvc-elt.1: Cannot find the declaration of element 'InterchangeEducationOrganization'.



Batch Manager (Load) Errors

70

- Batch Manager executes another set of data validations. These validations check for referential integrity of the data elements
- These load validations align to TEDS Section 3, TEDS Section 4 and some of the TEDS Section 5 checks
- These are the same validations that are referred to as field edits
- The terms Batch Manager Validations and field edits are interchangeable



Batch Manager (Load) Error #1

71

Invalid Code Value

Error Message	Error Value
AddressType Not in Schollkp.Master_Lookup Table	District_Code = 1, School_Year = 6/30/2013, Lookup_Desc = Physically, Lookup_Name = AddressType, Lookup_Name_Id = DC006



Batch Manager (Load) Error #2

72

Invalid Course Code

Error Message	Error Value
Values Not in Scholwhs.Course Table	District_Code = 161903, Location_Id = 161903001, School_Year = 6/30/2012, Reporting_Date = 6/30/2012, Period_Level_Desc = TSDS, Course_Id = ABC_2013_12345678, Semester = N/A
Values Not in Scholwhs.Course Table	District_Code = 161903, Location_Id = 161903001, School_Year = 6/30/2012, Reporting_Date = 6/30/2012, Period_Level_Desc = TSDS, Course_Id = ABC_2013_12345679, Semester = N/A
Values Not in Scholwhs.Course Table	District_Code = 161903, Location_Id = 161903001, School_Year = 6/30/2012, Reporting_Date = 6/30/2012, Period_Level_Desc = TSDS, Course_Id = ABC_2013_12345670, Semester = N/A



Batch Manager (Load) Error #3

73

Duplicate Errors

Duplicate Count	Table Name	Deduplication Columns and Values
2	Scholwhs.Assessment_Fact	Assessment_Info.Test_Desc = TELPAS, Assessment_Item.Subject_Area_Desc = Reading, Assessment_Item.Item_Grade = Eighth grade, Assessment_Item.Item_Version_Id = 2002, Period.Period_End_Date = 3/1/2012, Stud_Snapshot.Student_Id = 6733198894
2	Scholwhs.Assessment_Fact	Assessment_Info.Test_Desc = TELPAS, Assessment_Item.Subject_Area_Desc = Reading, Assessment_Item.Item_Grade = Eighth grade, Assessment_Item.Item_Version_Id = 2002, Period.Period_End_Date = 3/1/2012, Stud_Snapshot.Student_Id = 6733198894



Batch Manager (Load) Error #4

74

Student does not exist in the Student table

Error Message	Error Value
Values Not in Scholwhs.Stud_Snapshot Table	District_Code = 000000, Snapshot_Date = 6/30/2013, Period.Period_Level_Desc = TSDS, Student_Id = 1111111789



Batch Manager (Load) Error #5

75

Location Code does not exist in the Location Table

Error Message	Error Value
Values Not in Scholwhs.Location Table	District_Code = 000000, Location_Id = 000000



Batch Manager (Load) Error #6

76

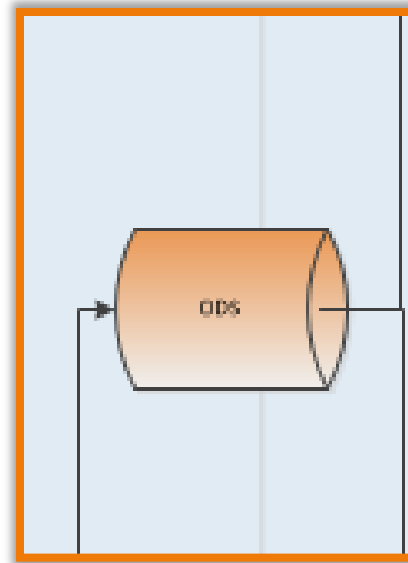
Location Code does not exist in the Location Table

Error Message	Error Value
Values Not in Scholwhs.Location_Marking_Period_Code Table	Location.Location_Id = 000000005, School_Year = 6/30/2013, Term_Code = Spring Semester, MP_Code = Second Nine Weeks, Term_MP_Desc = 2012-2013
Values Not in Scholwhs.Location_Marking_Period_Code Table	Location.Location_Id = 000000005, School_Year = 6/30/2013, Term_Code = Spring Semester, MP_Code = First Semester, Term_MP_Desc = 2012-2013
Values Not in Scholwhs.Location_Marking_Period_Code Table	Location.Location_Id = 000000005, School_Year = 6/30/2013, Term_Code = Fall Semester, MP_Code = Second Semester, Term_MP_Desc = 2012-2013
Values Not in Scholwhs.Location_Marking_Period_Code Table	Location.Location_Id = 000000005, School_Year = 6/30/2013, Term_Code = Fall Semester, MP_Code = Fourth Nine Weeks, Term_MP_Desc = 2012-2013



Delete Utility Navigation

Once data has been loaded into the ODS, certain “deletes” can be executed through eDM





Accessing the Delete Utility

79



eDM Data Loads

Welcome, dist061902 [Logout]
061902 - 061902 Agency

Menu
Home
File Manager
Batch Manager
Delete Utility
Interchange Menu
Interchange Upload
External Links
eScholar Support Portal
eScholar.com

- 1) The Delete Utility is accessed through the eDM Menu.
- 2) The Delete Utility opens up in a new tab

[Search](#)

File Status: From: To: Filter

All

03/06/2014

03/31/2014

Uploaded Time Status Actions

First Prev Next Last



Delete Utility Homepage

80

1) The menu options are My Deletes and New Delete Request

A screenshot of the tsds Delete Utility Homepage. The page has a blue header with the tsds logo on the left and the word 'Delete' on the right. Below the header is a light blue horizontal bar. On the left side, there is a menu with two options: 'My Deletes' and 'New Delete Request'. An orange arrow points from the text box above to the 'My Deletes' menu item. The main content area shows a table titled 'My Deletes'. The table has columns: Login Id, Delete Name, Rows Deleted, Date Executed, Audit Params, Comments, Status, and Action. Below the table, it says 'No records found.' and 'Displaying 1 to 0 of 0'. On the right side of the table, there are four buttons: 'First', 'Prev', 'Next', and 'Last'. At the bottom of the page, there is a copyright notice: 'Copyright © 2013 Texas Education Agency. All rights reserved. TEA confidential and proprietary.'

2) The home page lists all the deletes that have been executed



New Delete Request

82



Delete Utility

Welcome, Shawn.Tomes [Logout](#)

Menu

My Deletes
New Delete Request

New Delete Request

2016 FALL1 - Data Collection

Delete Name	Action
Delete PEIMS Fall - LEA	

2016 FALL2 - Data Collection

Delete Name	Action
Delete PEIMS Fall - LEA	

2016 FALL3 - Data Collection

Delete Name	Action
Delete PEIMS Fall - LEA	

2016 MDYR1 - Data Collection

Delete Name	Action
Delete PEIMS Finance - LEA	

Delete PEIMS Mid Year - LEA

2016 MDYR2 - Data Collection

Users can see the Delete Name and associated collection for the deletes that are currently available



Currently Available Deletes

83

Delete PEIMS Fall1 – Deletes all PEIMS Data loaded in the eDM for Submission 1	Delete PEIMS Fall2 – Deletes all PEIMS Data loaded in the eDM for Re-Submission
Delete PEIMS Fall3 – Deletes all PEIMS Data loaded in the eDM for working collection	
Delete Course Transcript – Interchange Student Grade Extension	Delete Staff Education Org Assignment Association for Dashboard – Interchange Staff Association Extension
Delete Staff Snapshot Record for TSDS - Interchange Staff Association Extension*	Delete Student Snapshot Record for TSDS – Student Parent Extension*
Delete Student Academic Record for TSDS – Interchange Student Grade Extension	Delete Student Attendance for TSDS – Interchange Student Attendance Extension
Delete Student Grades for TSDS – Interchange Student Grade Extension	Delete Student School Association for TSDS – Interchange Student Enrollment Extension
Delete Student Section Association for TSDS – Interchange Student Enrollment Extension	Delete Teacher School Association for TSDS – Interchange Staff Association Extension
Delete Teacher Section Association for TSDS – Interchange Staff Association Extension	Delete Student Programs for TSDS – Interchange Student Program Extension



New Delete Request

84



Delete Utility

Welcome, Shawn.Tomes [Logout](#)

Menu

My Deletes
New Delete Request

New Delete Request

2016 FALL1 - Data Collection

Delete Name	Action
Delete PEIMS Fall - LEA	

2016 FALL2 - Data Collection

Delete Name	Action
Delete PEIMS Fall - LEA	

2016 FALL3 - Data Collection

Delete Name	Action
Delete PEIMS Fall - LEA	

2016 MDYR1 - Data Collection

Delete Name	Action
Delete PEIMS Finance - LEA	

Delete PEIMS Mid Year - LEA



2016 MDYR2 - Data Collection

Select the arrow
to launch the
target delete

1) Review the Delete and description

Delete Staff Education Org Assignment Association for Dashboard - Interchange Staff Association Extension

Description - This delete procedure will delete data from the following tables: STAFF_ASSIGNMENT,STAFF_ASSIGNMENT_GRADE_LEVEL, STAFF_ASSIGNMENT_SUBJECT_AREA

District Code061902

Delete 3/31

Comments*

Preview Delete

2) Add administrative comments

3) Preview Delete



Delete Summary

86

Delete Staff Education Org Assignment Association for Dashboard - Interchange Staff Association Extension

Description - This delete procedure will delete data from the following tables: STAFF_ASSIGNMENT, STAFF_ASSIGNMENT_GRADE_LEVEL, STAFF_ASSIGNMENT_SUBJECT_AREA

District Code - 061902

Comments - Delete 3/31

Confirm Delete

Cancel

Delete Summary

STAFF_ASSIGNMENT	12889
STAFF_ASSIGNMENT_GRADE_LEVEL	0
STAFF_ASSIGNMENT_SUBJECT_AREA	0

The Delete Summary shows how many records will be deleted from each table



Rows to be Deleted by Table

87

STAFF_ASSIGNMENT - Rows to be deleted:12889



DISTRICT_KEY	STAFF_KEY	ASSIGNMENT_KEY	PERIOD_KEY	ASSIGNMENT_JOBCODE	ASSIGNMENT_FIELD	ASSIGNMENT_ROOM
21		173	5494	36	null	null
21		173	5494	36	null	null
21		173	5494	36	2013-08-26	null
21		173	5494	36	2013-08-26	null
21		173	5494	36	2013-08-26	null
21		173	5494	36	2013-08-26	null
21		173	5494	36	2013-08-26	null
21		173	5494	36	2013-08-26	null
21		173	5494	36	2013-08-26	null
21		173	5494	36	2013-08-26	null

Review the records in the preview pane or download into Excel

STAFF_ASSIGNMENT_GRADE_LEVEL - Rows to be deleted:0



STAFF_ASSIGNMENT_KEY	GRADE_LVL_KEY	ASSIGNMENT_DISTRICT_KEY	SCHOOL_YEAR	MODIFIED_DATE	BATCH_ID	ROW_INDICATOR	MODIFIED_INDICATOR	PLAN_EXECUTION_ID
----------------------	---------------	-------------------------	-------------	---------------	----------	---------------	--------------------	-------------------

STAFF_ASSIGNMENT_SUBJECT_AREA - Rows to be deleted:0



STAFF_ASSIGNMENT_KEY	SUBJECT_AREA_DESC	ASSIGNMENT_DISTRICT_KEY	SCHOOL_YEAR	MODIFIED_DATE	BATCH_ID	ROW_INDICATOR	MODIFIED_INDICATOR	PLAN_EXECUTION_ID
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Description of the Delete

88

- Data will only be deleted from the area specified in the delete.
- For example if the Delete is for Teacher Section Association the command will delete all Teacher Section Associations records that were loaded from Staff Association Interchange files but no other data in that interchange for the LEA.
- User must have ODS Data Loader role to have access to Delete Utility.



Confirm or Cancel the Delete Request

89

Delete Staff Education Org Assignment Association for Dashboard - Interchange Staff Association Extension

Description - This delete procedure will delete data from the following tables: STAFF_ASSIGNMENT, STAFF_ASSIGNMENT_GRADE_LEVEL, STAFF_ASSIGNMENT_SUBJECT_AREA

District Code - 061902

Comments - Delete 3/31

Delete Summary

STAFF_ASSIGNMENT	12889
STAFF_ASSIGNMENT_GRADE_LEVEL	0
STAFF_ASSIGNMENT_SUBJECT_AREA	0

Once the records have been reviewed, the user can elect to Confirm or Cancel the delete. Confirming the delete sends the command to execute.



Confirmation Page

90

Welcome, testuser [[Sign Out](#)]

System Message

Your delete request is being processed. An email message will be sent once your request has been processed.

- Once the Delete Request has been submitted a confirmation page will be displayed
- The delete will appear on the home page with a status of pending
- It may take up to ten minutes to execute the Delete Request depending on the volume of activity, but what has been seen is under 4 minutes



Error Message: Batch Processing

91

New Delete Request

<u>Collection Name</u>	<u>Delete Name</u>	Action
Summer Collection	Delete Staff Assignment by Assignment Date	

***Note: The following deletes are not enabled because there is a batch loading for your LEA

Delete Request

<u>Collection Name</u>	<u>Delete Name</u>
2011 Summer	Delete Staff Assignment by Assignment Date
2011 Summer	Delete Student Snapshot by District,School Year, and Snapshot Date

- The user cannot delete while a batch is in queue or processing for that collection
- If the user attempts a delete they will receive an error message
- However, batches can be processing if a Delete command has been executed



When should the Delete Utility be used


92

- If an LEA has loaded any TSDS PEIMS FALL data prior to the October 30, 2015 snapshot
- If an LEA cannot correct a record by simply uploading a new XML file – in cases where the data attempting to be corrected is part of a primary database key, then a duplicate record may be inserted into the ODS which needs to be deleted
- Since this is the first official submission for TSDS PEIMS, TEA is recommending that LEAs perform a delete prior to completing their FALL submission. Please ensure that we emphasize that this recommendation is just cautionary and is not intended to be a long-term guidance going forward.
- If an LEA receives an Oracle error (see next page) during PEIMS promotion

When should the Delete Utility be used (cont...)

93

Data Promotion Error Report by Job



Show entries
Search Table:

Category	Subcategory	Severity	Message
Student	Enrollment	FATAL	Error: ORA-00001: unique constraint (.) violated Data: Identifying Info: Name:
Student	Enrollment	FATAL	Error: ORA-00001: unique constraint (.) violated Data: Identifying Info: ORG ID: Name:
Student	Enrollment	FATAL	Error: ORA-00001: unique constraint (.) violated Data: ACAD_YR=2016,COLL_NAME=FALL,SUBM_NUM=1,LEA_ID=,STU_UNQ_ID= Identifying Info: ORG ID: Unique ID: SSN: Local ID: Last Name: First Name: Middle Name:

Showing 1 to 3 of 3 entries



Wrap Up and Questions

Today we talked about:

- Accessing and navigating TSDS eDM
- Uploading an XML Interchange File
- The data flow process within TSDS eDM
- Reviewing results in Batch Manager and verifying that the ODS has been updated
- Navigating the Delete Utility
- Troubleshooting issues



Simple Solution. Brighter Futures.



MORE DATA



IMPROVED ID



NEW SAVINGS



EXPANDED REPORTS



BETTER PLANNING

Search



96

Questions?

www.TexasStudentDataSystem.org