



Texas Education Agency

TEDS ASSESSMENT IMPORTER TOOL

User Guide
Prepared by TSDS/ITS Team

August 23, 2019

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Introduction

The Texas Education Data Standard Assessment Importer (TEDS-AI) is a utility application meant for use with the Texas Student Data System's (TSDS) studentGPS® dashboards. It is designed to convert college readiness (SAT, PSAT, ACT, AP, TSI) and assessment scores (Eduphoria) into the TEDS XML format files ***InterchangeAssessmentMetadata*** and ***InterchangeStudentAssessment***, which can then be loaded into the TSDS system.


System Requirements


For Windows:

- Windows 10, Windows Server 2012
- 2 GB RAM or higher (4 GB preferred)
- 400 MB of free disk space
- Java 8 (1.8.131 or greater).

Download

The TEDS-AI tool can be downloaded from the Utilities page within the TSDS Portal. The user must have the ODS Data Loader TEAL role with the Download TEDS Assessment Importer Tool privilege enabled.



 [eDM Data Loads](#) [PEIMS](#) [studentGPS[®]](#) [Dashboards](#) [Core Collection](#) [Utilities](#) [Support](#)

[Home](#) » [Utilities](#)


Utilities

This page provides links to all the TSDS utilities that you are authorized to access.

TSDS tools are downloadable stand-alone applications that you run on your local system to help you ensure your data's quality and manage your data.


Click the button for the utility you wish to download or use.


Download Utilities




TEDS-AI

The Texas Education Data Standard Assessment Importer (TEDS-AI) is a utility application that converts assessment results into TEDS-compliant XML files for loading to TSDS.


[Download TEDS-AI](#) 


[Download TEDS-AI Instructions \(pdf\)](#) 




Validation Tool

The new validation tool helps identify data errors prior to loading, enhancing data quality in the long-term and saving time during data submission.


[Download Validation Tool](#) 


[Download Validation Tool Instructions \(pdf\)](#) 




Data Transfer Utility

The Data Transfer Utility (DTU) is a Secure-FTP-based application that allows users to move zipped data files from their local system to TSDS.

[Download Data Transfer Utility](#) 

[Download DTU Instructions \(pdf\)](#) 



Texas Education Agency

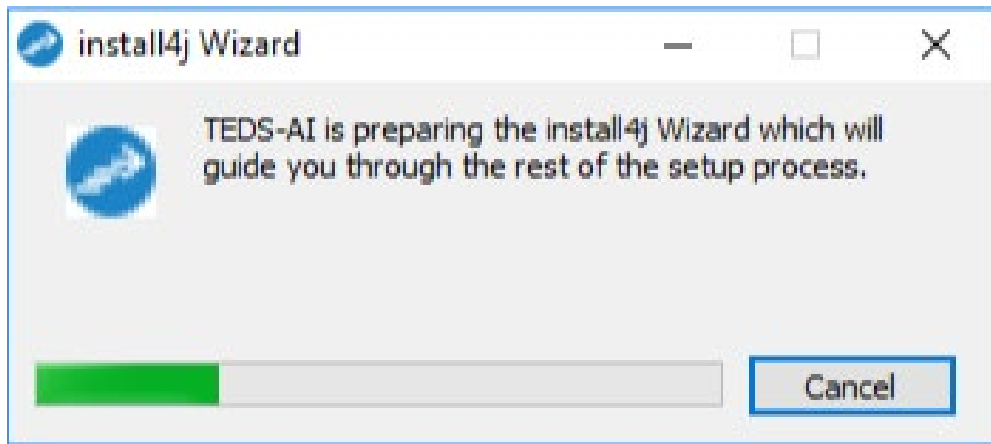
Page | 5

Installation

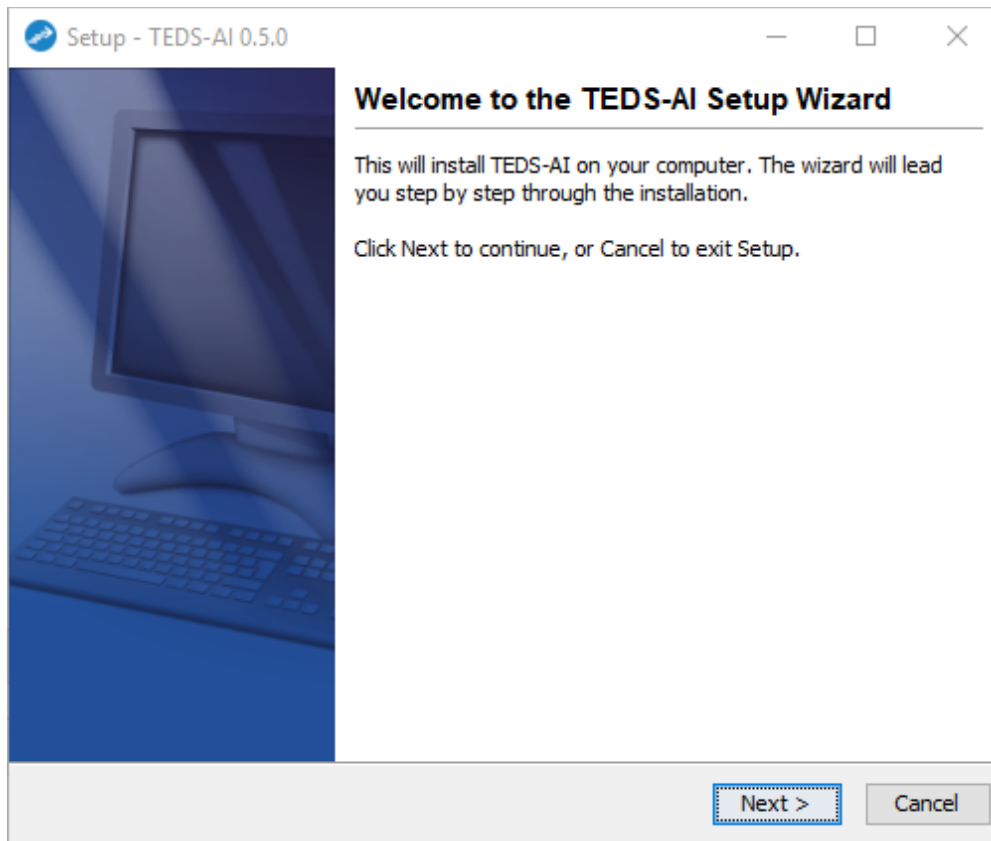
⚠ If you have a prior installation of TEDS-AI be sure to install to a different folder (you may want to rename your old installation folder).

Click on the file **TEDS-AI.exe**.

⚠ If you receive a warning from Windows that the publisher is not verified, click on More Info / Run Anyway to proceed.



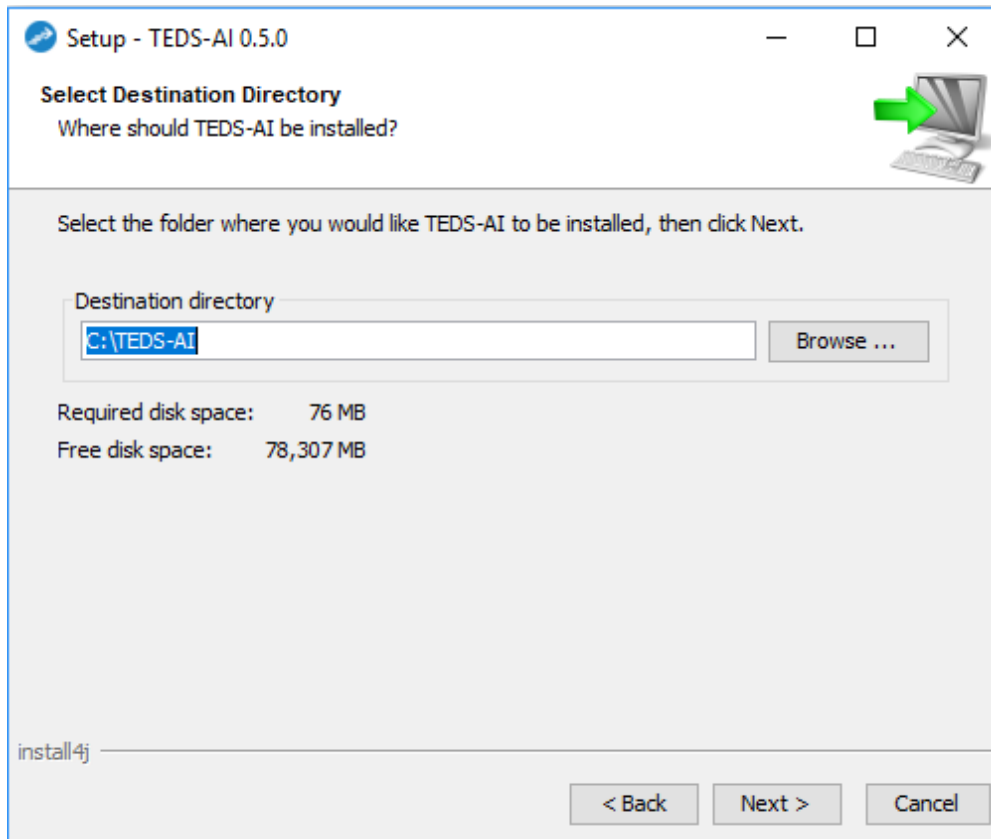
Hit "Next"



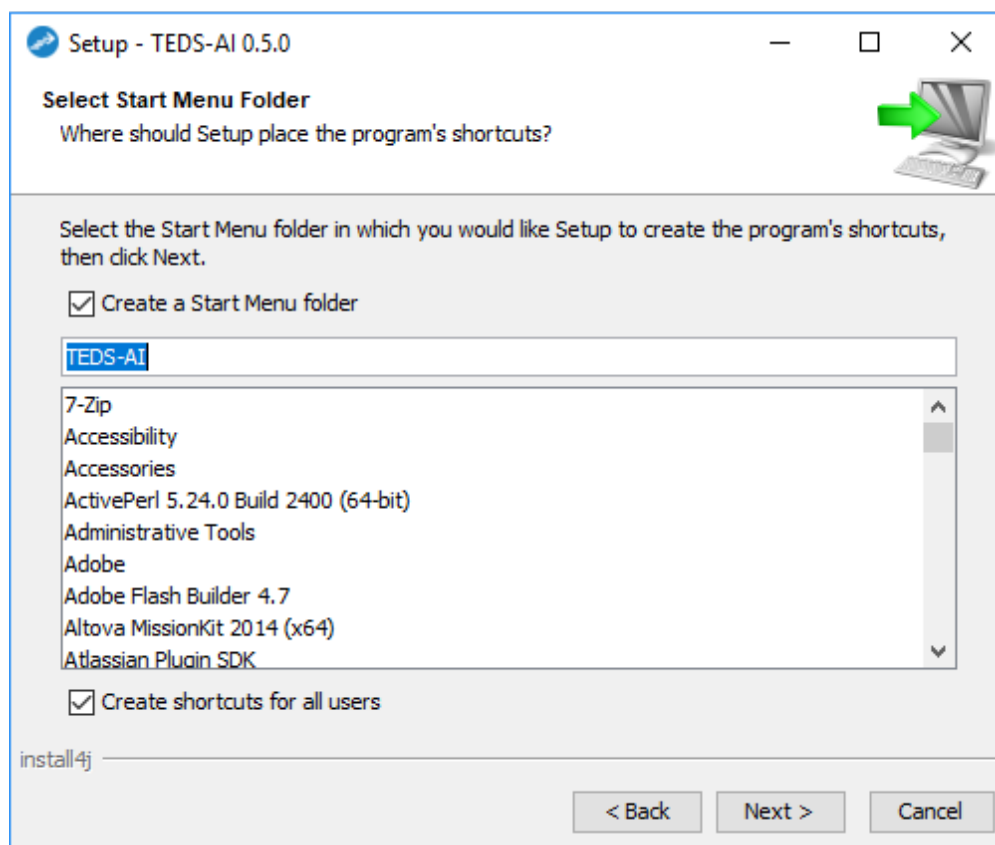
Accept the default "Destination directory" or install into a directory of your choosing and hit "Next".

Important

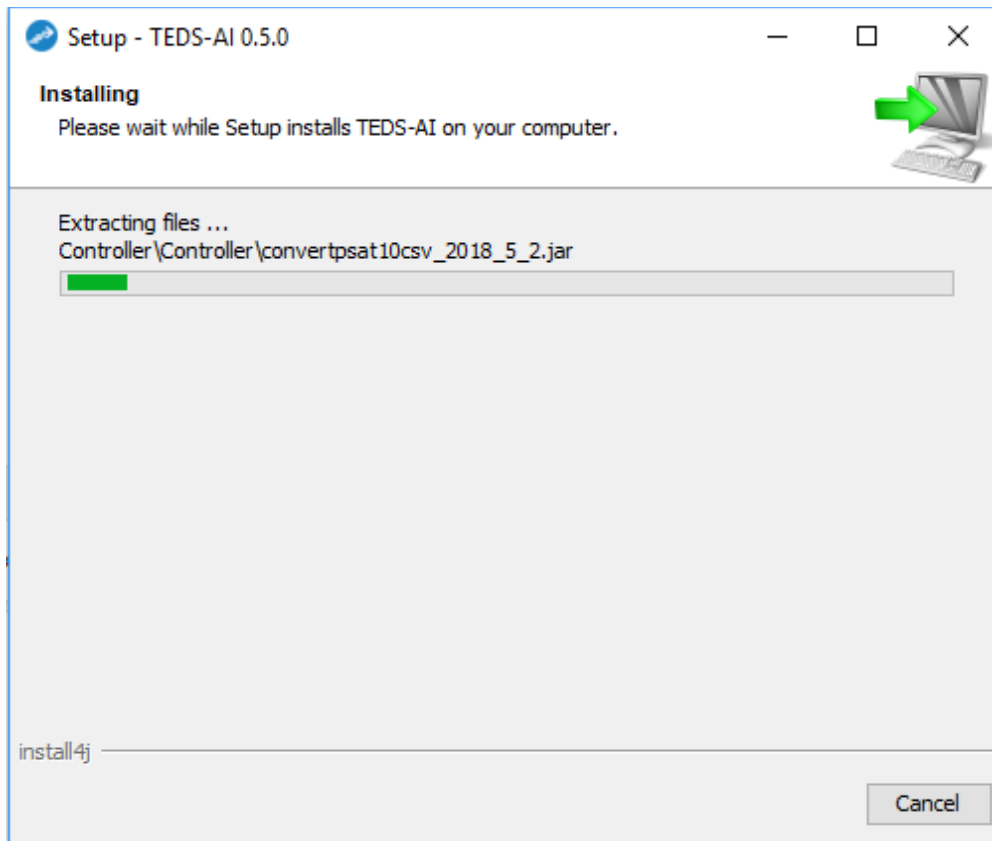
NOTE: We recommend installing the tool in the "Destination directory" **C:\TEDS-AI**, although the product can be installed in another directory. In either case, **please write down what your "Destination directory" as you will need it later.**



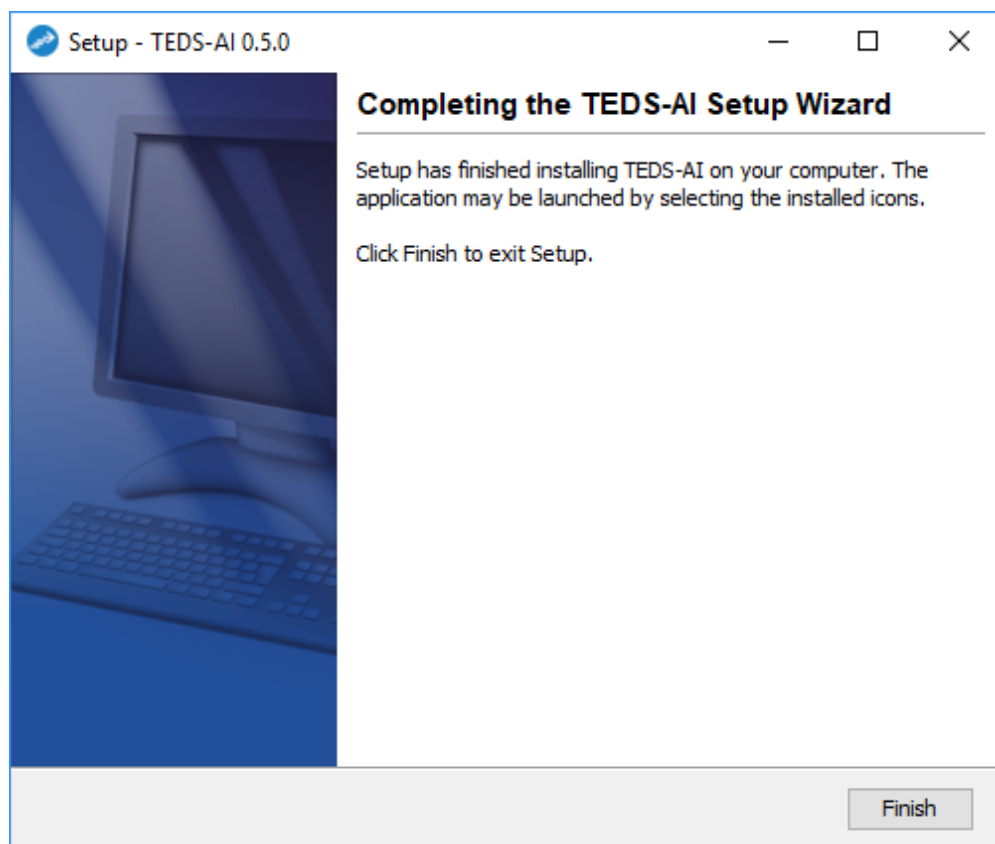
Accept the default and hit "Next"



The installation will start.



When the installation is complete, hit "Finish".



Starting the Application

Go to your "installation directory"

Double-click on the file **TEDS-AI.exe**

The following main screen will appear.

The screenshot shows the TEDS-AI application window. The title bar reads "TEDS-AI". The menu bar has "File" and "Help". The main area features the "tsds" logo and "texas student data system" text. Below this is a "College Readiness Assessments" section with the heading "Choose Assessment Type to Process". There are six radio buttons: "SAT (CSV)" (selected), "PSAT 10/NMSQT (CSV)", "PSAT 8/9 (CSV)", "ACT (Fixed-width)", "AP (CSV)", and "TSI (CSV)". Below the radio buttons are three input fields: "Student Parent XML File" with a file path and a "Choose File" button, "Input File" with an empty field and a "Choose File" button, and "Output Directory Used" with a file path. To the left of these fields are "Run" and "Exit" buttons. Below them is a "Status" label and a progress bar. At the bottom left is a "Clear Output" button. On the right is a large "Log output:" text area. At the bottom, there is a link to "TSDS Support" and a paragraph of help text.

TEDS-AI

File Help

tsds texas student data system

TEDS-AI

Home Aware Configuration

College Readiness Assessments

Choose Assessment Type to Process

☒ SAT (CSV) ☐ PSAT 10/NMSQT (CSV) ☐ PSAT 8/9 (CSV) ☐ ACT (Fixed-width) ☐ AP (CSV) ☐ TSI (CSV)

Student Parent XML File C:\TEDS-AI\input\123456_000_2016TSDS_student_parent_xml_f Choose File

Input File Choose File

Output Directory Used C:\TEDS-AI\Output

Run Exit

Status

Clear Output

Log output:

For help go to [TSDS Support](#)

Need help? First, consult the online docs (use Help on Menu). If further help is needed, please submit a TIMS ticket to TEA support via your Level 2 ESC or vendor support contact. Be sure to specify "TEDS-AI" in your ticket with subsystem "studentGPS". Copyright 2019 Texas Education Agency (TEA). All rights reserved.

Configuration

For College Readiness and Eduphoria Aware.

TEDS-AI

File Logs Help

tsds texas student data system

TEDS-AI

Home Aware Configuration

Exam Configuration

Choose Assessment Type to configure

☐ College Readiness ☒ Aware

Count District Number (6 digits, no dash)
123456

Database Host IP
mysql.amazonaws.com

Collection Year
2020

Database Port Number
3306

Database Name
mysql

Output Directory
C:\TEDS-AI\TEDSAI_Eduphoria\Output

Database Username
mysqluser

Database Password
mysqlpw

Save View Test Exit

Test Status

Need help? First, consult the online docs (use Help on Menu). If further help is needed, please submit a TIMS ticket to TEA support via your Level 2 ESC or vendor support contact. Be sure to specify "TEDS-AI" in your ticket with subsystem "studentGPS".
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1. Before doing *any* processing, the TEDS-AI tool must be configured. The "Configuration" page contains all the fields that must be configured.
2. Choose which Assessment type you wish to configure.
3. Enter the county district number in the "Count District Number" field.
4. Enter the "Collection Year".

5. Enter the "Output Directory" using the "Choose directory" button. This will be the output directory where you can find the XML files to be loaded into the studentGPS® system after processing is completed.
6. Click "Save" to write the configuration information permanently to the TEDS-AI configuration (i.e. context) file.
7. Use the "View" button to see the current configuration information stored in the TEDS-AI configuration (i.e. context) file.
8. For "Aware" you will also need to configure Eduphoria AWS database connection information. This may require help from your IT staff. Choose the "Aware" radio button to enable the AWS database fields.
9. Use the "Test" button to check that the TEDS-AI application connectivity to the Eduphoria AWS database is good.

College Readiness

TEDS-AI

File Logs Help

tsds texas student data system

TEDS-AI

Aware Configuration

College Readiness Assessments

Choose Assessment Type to Process

☒ SAT (CSV)
 ☐ PSAT 10/NMSQT (CSV)
 ☐ PSAT 8/9 (CSV)
 ☐ ACT (Fixed-width)
 ☐ AP (CSV)
 ☐ TSI (CSV)

Student Parent XML File

Input File

Output Directory Used

Run Exit

Status

Clear Output

Log output:

For help go to [TSDS Support](#)

Need help? First, consult the online docs (use Help on Menu). If further help is needed, please submit a TIMS ticket to TEA support via your Level 2 ESC or vendor support contact. Be sure to specify "TEDS-AI" in your ticket with subsystem "studentGPS". Copyright 2019 Texas Education Agency (TEA). All rights reserved.

Steps to process a College Readiness Assessment file:

1. Choose an **Assessment Type** using the radio buttons.
2. Enter the **Student Parent XML** file location using the "Choose file" button.
3. Enter the **Assessment** file you wish to process by using the "Choose file" button by the "Input File" field.
4. The **Output Directory Used** field shows the Output Directory as defined in the configuration file. See the Configuration Tab/Page to modify.
5. Hit the "Run" button.

6. The "Status" progress bar will activate.
7. Upon completion of the processing, a completion message will appear stating where the XML result files are located (i.e. the Output Directory where you can find the XML files to be loaded into TSDS and viewed in the studentGPS® Dashboards).
8. The "Log output" text will either show processing completed or an error if one occurs.
9. Use the "Clear Output" button to refresh the "Log output:" text area.

Aware Assessments

For Eduphoria Aware:

Student Parent Interchange XML files **MUST** be uploaded to the <installation_directory>\TEDS-AI\TEDSAI_Eduphoria\Xml folder (e.g., C:\TEDS-AI\TEDSAI_Eduphoria\Xml).

Steps to process Eduphoria Aware test(s):

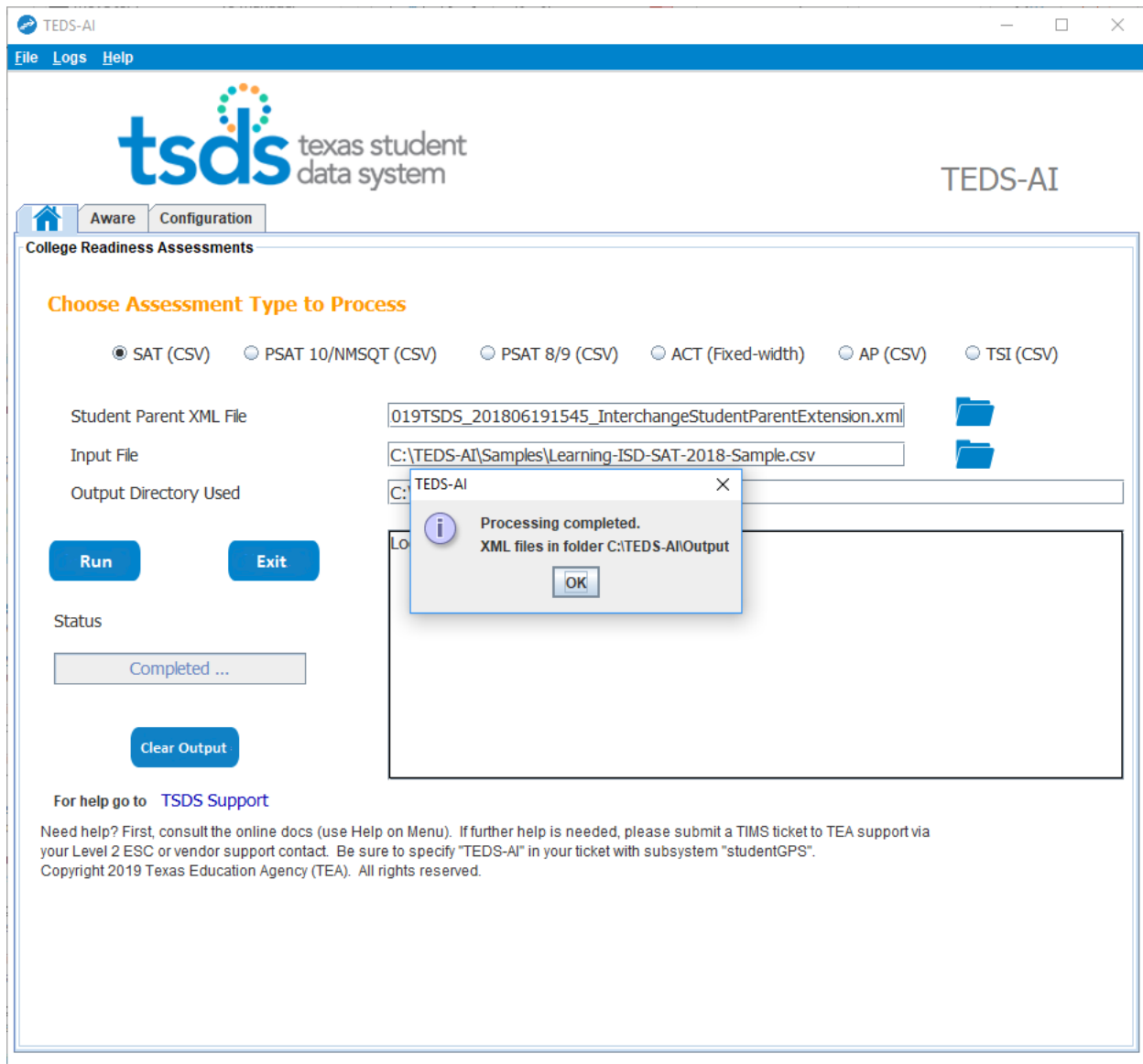
The screenshot shows the TEDS-AI Eduphoria Aware Assessment interface. The window title is "TEDS-AI". The menu bar includes "File", "Logs", and "Help". The main header shows the "tsds" logo and "texas student data system" text, with "TEDS-AI" on the right. Below the header are tabs for "Aware" and "Configuration". The "Aware" tab is active, showing the "Eduphoria Aware Assessment" section. It includes a heading "Choose Assessment Test by Grade and Subject to Process". There are input fields for "Select Grade Level" (set to 1) and "Select Subject" (set to English). A "Get Tests" button is next to the text "Select test(s) from table:". Below this is a table with columns "Test Id" and "Test Name". Further down are fields for "Student Parent XML File" and "Output Directory Used" (set to C:\TEDS-AI\TEDSAI_Eduphoria\Output). There are "Run" and "Exit" buttons. A "Status" field is present. At the bottom are "Clear Output" and "Clear Screen" buttons. A "Log output:" text box is on the right. A footer contains help text and copyright information.

1. Choose a "Grade Level" using the spinner.
2. Choose a "Subject" using the dropdown box.

3. Hit the "Get Tests" button to retrieve Aware tests. The "Status" progress bar will activate.
4. Tests based on grade and subject will now appear in the "Select test(s) from table" area. If there are no tests available, you will get a message.
5. From the "Select test(s) from table" area, choose the test(s) you want processed.
6. Hit the "Run" button
7. The "Status" progress bar will activate.
8. Upon completion of the processing, a completion message will appear stating where the XML result files are located (i.e. the Output Directory where you can find the XML files to be loaded into TSDS and viewed in the studentGPS® Dashboards).
9. The "Log output" text will either show processing completed or an error if one occurs.
10. The "Clear Output" button can be used to refresh the contents of the "Log output" area.
11. The "Clear Screen" button can be used to refresh the "Test Id/Test Name" and "Log output" text areas, as well as the progress bars.


Successful Completion

View the **Log Output** text area to determine the *success or failure* of any processing. A **Log Output** text area exists on both the Home and Aware page.



TEDS-AI

File Logs Help



TEXAS STUDENT
DATA SYSTEM

TEDS-AI

Home

Aware

Configuration

College Readiness Assessments

Choose Assessment Type to Process

☒ SAT (CSV)
 ☐ PSAT 10/NMSQT (CSV)
 ☐ PSAT 8/9 (CSV)
 ☐ ACT (Fixed-width)
 ☐ AP (CSV)
 ☐ TSI (CSV)

Student Parent XML File

019TSDS_201806191545_InterchangeStudentParentExtension.xml

Input File

C:\TEDS-AI\Samples\Learning-ISD-SAT-2018-Sample.csv

Output Directory Used

C:\TEDS-AI\Output

Run

Exit

Status

Completed ...

Clear Output

Log output:

Run complete.

Logfile: C:\TEDS-AI\Output\TEDS-AI-Log-201908211403.xlsx

For help go to [TSDS Support](#)

Need help? First, consult the online docs (use Help on Menu). If further help is needed, please submit a TIMS ticket to TEA support via your Level 2 ESC or vendor support contact. Be sure to specify "TEDS-AI" in your ticket with subsystem "studentGPS".

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Failed completion

The screenshot shows the TEDS-AI application window. The title bar reads "TEDS-AI". The menu bar includes "File", "Logs", and "Help". The main header features the "tsds" logo (texas student data system) and the text "TEDS-AI". Below the header, there are tabs for "Aware" and "Configuration". The "Configuration" tab is active, showing the "College Readiness Assessments" section. Under this section, there is a heading "Choose Assessment Type to Process" followed by five radio buttons: "SAT (CSV)" (selected), "PSAT 10/NMSQT (CSV)", "PSAT 8/9 (CSV)", "ACT (Fixed-width)", "AP (CSV)", and "TSI (CSV)". Below these are three input fields: "Student Parent XML File" with the value "019TSDS_201806191545_InterchangeStudentParentExtension.xml", "Input File" with the value "C:\\TEDS-AI\\Samples\\Learning-ISD-TSI-2018-Sample.csv", and "Output Directory Used" with the value "C:\\TEDS-AI\\Output". There are "Run" and "Exit" buttons. Below these is a "Status" section with a button labeled "Completed ...". At the bottom of the status section is a "Clear Output" button. A log output window is open, displaying the following error message: "Log output: java.lang.StringIndexOutOfBoundsException: String index out of range: 4 at java.lang.String.substring(Unknown Source) at routines.system.FastDateParser\$DateParser.parse(FastDateParser.java:127) at routines.system.ParserUtils.parseTo_Date(ParserUtils.java:306) at tedsai_sat_psat_ap.convertsatcsv_2018_9_0.ConvertSATCSV_2018\$1RowHelper_tFileInputDelimited_2.valueToConn_0(ConvertSATCSV_2018.java:28760) at tedsai_sat_psat_ap.convertsatcsv_2018_9_0.ConvertSATCSV_2018\$1RowHelper_tFileInputDelimited_2.valueToConn(ConvertSATCSV_2018.java:47825) at tedsai_sat_psat_ap.convertsatcsv_2018_9_0.ConvertSATCSV_2018.tFileInputDelimited_2Process(ConvertSATCSV_2018.java:47982) at tedsai_sat_psat_ap.convertsatcsv_2018_9_0.ConvertSATCSV_2018.tWarn". At the bottom of the window, there is a link "For help go to TSDS Support" and a paragraph of text: "Need help? First, consult the online docs (use Help on Menu). If further help is needed, please submit a TMS ticket to TEA support via your Level 2 ESC or vendor support contact. Be sure to specify 'TEDS-AI' in your ticket with subsystem 'studentGPS'. Copyright 2019 Texas Education Agency (TEA). All rights reserved."

TEDS-AI

File Logs Help

tsds texas student data system

TEDS-AI

Aware Configuration

College Readiness Assessments

Choose Assessment Type to Process

☒ SAT (CSV) ☐ PSAT 10/NMSQT (CSV) ☐ PSAT 8/9 (CSV) ☐ ACT (Fixed-width) ☐ AP (CSV) ☐ TSI (CSV)

Student Parent XML File 019TSDS_201806191545_InterchangeStudentParentExtension.xml

Input File C:\\TEDS-AI\\Samples\\Learning-ISD-TSI-2018-Sample.csv

Output Directory Used C:\\TEDS-AI\\Output

Run Exit

Status

Completed ...

Clear Output

Log output:
java.lang.StringIndexOutOfBoundsException: String index out of range: 4
at java.lang.String.substring(Unknown Source)
at routines.system.FastDateParser\$DateParser.parse(FastDateParser.java:127)
at routines.system.ParserUtils.parseTo_Date(ParserUtils.java:306)
at tedsai_sat_psat_ap.convertsatcsv_2018_9_0.ConvertSATCSV_2018\$1Row
Helper_tFileInputDelimited_2.valueToConn_0(ConvertSATCSV_2018.java:28760)
at tedsai_sat_psat_ap.convertsatcsv_2018_9_0.ConvertSATCSV_2018\$1Row
Helper_tFileInputDelimited_2.valueToConn(ConvertSATCSV_2018.java:47825)
at tedsai_sat_psat_ap.convertsatcsv_2018_9_0.ConvertSATCSV_2018.tFileInp
utDelimited_2Process(ConvertSATCSV_2018.java:47982)
at tedsai_sat_psat_ap.convertsatcsv_2018_9_0.ConvertSATCSV_2018.tWarn

For help go to [TSDS Support](#)

Need help? First, consult the online docs (use Help on Menu). If further help is needed, please submit a TMS ticket to TEA support via your Level 2 ESC or vendor support contact. Be sure to specify "TEDS-AI" in your ticket with subsystem "studentGPS".
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Record processing statistics

A record of the rows processed, and any student whose unique ID does not match, can be found in the file (Excel spreadsheet) in `<your_installation_directory>\Output\TEDS-AI-Log-yyyyymmddhhmm.xlsx (for College Readiness)`. A portion of the file contents is shown below.

LogSource	LogCode	LogMessage	Severity
Controller: Start	Start	Job started at 2019-08-21 14:03:09	INFO
ConvertXLS	Record Count	Rows processed from ScoreTypes to CSV = 73	INFO
AssessmentMetaXML: End	Record Count	Rows processed from Valid Assessments Records = 62	INFO
AssessmentMetaXML: End	Record Count	Rows processed from Unique Valid Performance Levels = 1	INFO
AssessmentMetaXML: End	Record Count	Rows processed from Valid Objectives Records = 0	INFO
AssessmentMetaXML: End	Record Count	Rows processed from Valid Objectives Records = 0	INFO
ConvertSAT	Record Count	Rows processed from SAT Records to CSV = 5	INFO
StudentAssessmentXML: UID Lookup	No match found	Unique ID lookup failed for student - see columns for details	ERROR
StudentAssessmentXML: End	Record Count	Rows processed from Valid ScoreData Records to XML = 4	INFO
StudentAssessmentXML: End	Record Count	Rows processed from Records with no UID match = 1	INFO
Controller:End	End	Job finished at 2019-08-21 14:03:24	INFO

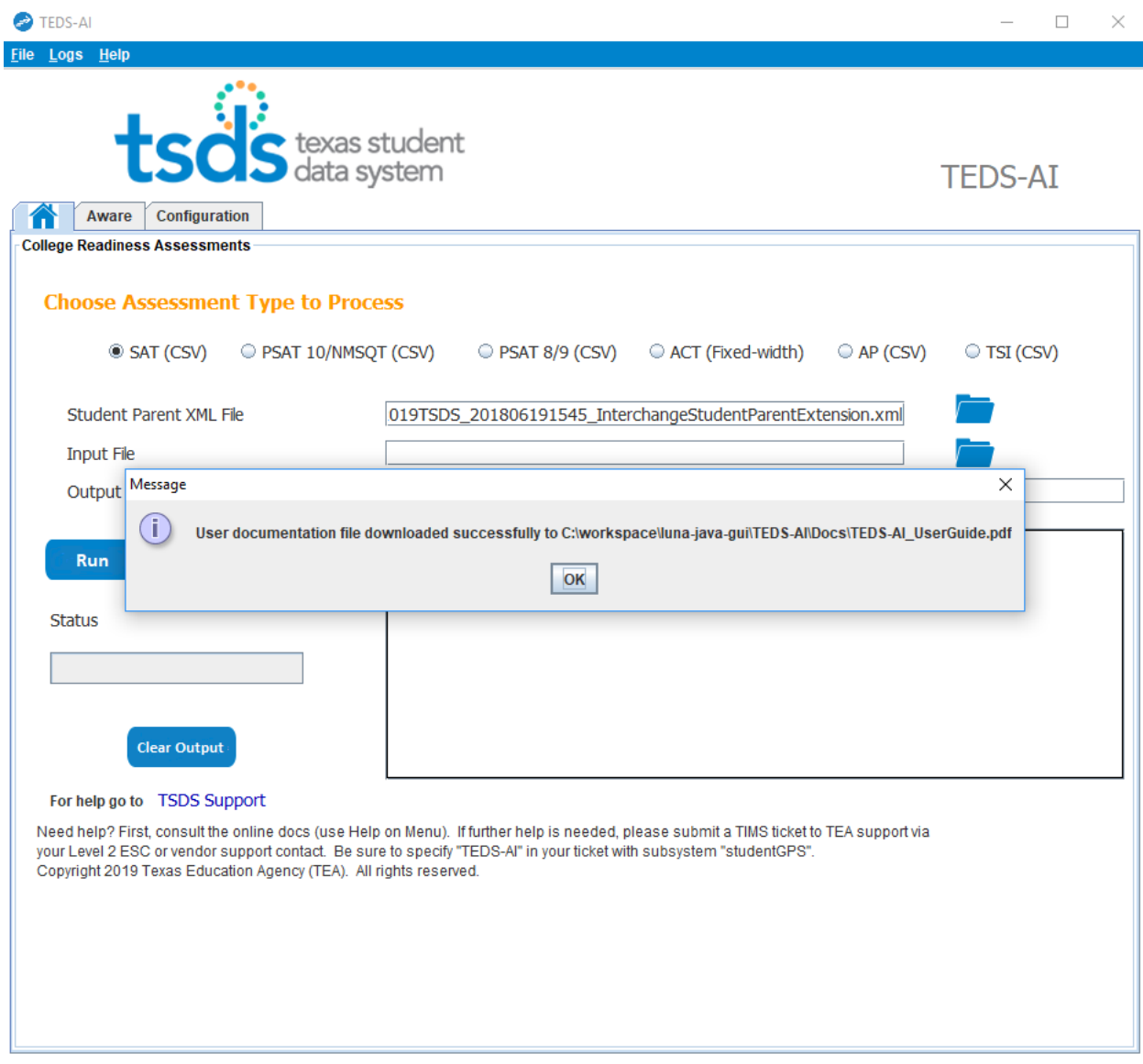
Documentation

The TEDS-AI User Guide can be download from the UI by accessing the menu and subitem Help->Documentation.

The file TEDS_Assessment_Importer_Tool.docx will be downloaded to the folder <installation_directory>\Docs.

The screenshot displays the TEDS-AI application window. The title bar reads 'TEDS-AI'. The menu bar includes 'File', 'Logs', and 'Help'. The 'Help' menu is open, showing 'Documentation' and 'About'. The main window features the 'tsds' logo and 'texas student data system' text. Below the logo, there are tabs for 'Aware' and 'Configuration'. The 'Configuration' tab is active, showing 'College Readiness Assessments'. The main content area is titled 'Choose Assessment Type to Process' and contains several radio buttons for selecting an assessment type: SAT (CSV), PSAT 10/NMSQT (CSV), PSAT 8/9 (CSV), ACT (Fixed-width), AP (CSV), and TSI (CSV). Below these, there are three input fields: 'Student Parent XML File' with the value '019TSDS_201806191545_InterchangeStudentParentExtension.xml', 'Input File' (empty), and 'Output Directory Used' with the value 'C:\workspace\luna-java-gui\TEDS-AI\Docs'. There are 'Run' and 'Exit' buttons. A 'Status' label is followed by an empty text box. A 'Clear Output' button is located below the status box. A large text area labeled 'Log output:' is on the right. At the bottom, there is a link to 'TSDS Support' and a paragraph of help text: 'Need help? First, consult the online docs (use Help on Menu). If further help is needed, please submit a TIMS ticket to TEA support via your Level 2 ESC or vendor support contact. Be sure to specify "TEDS-AI" in your ticket with subsystem "studentGPS". Copyright 2019 Texas Education Agency (TEA). All rights reserved.'

Upon completion of the file download, the following message will appear and will show where the document can be found.

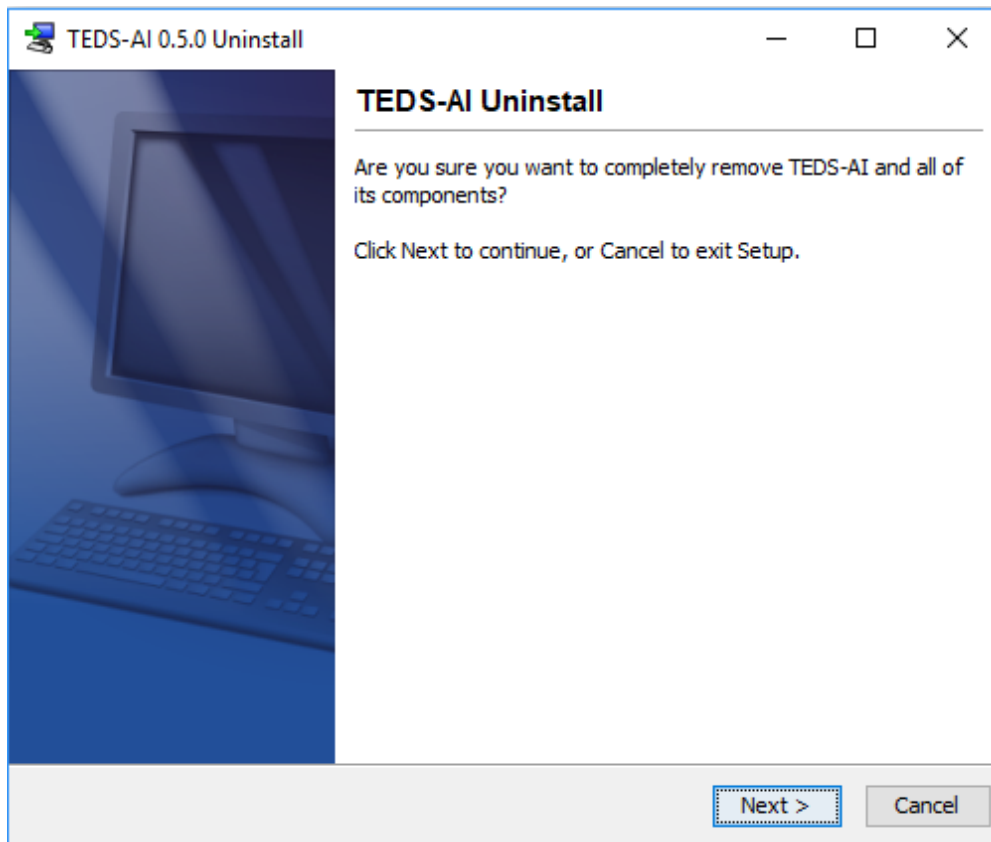


Uninstall Steps

Go to your "Destination directory".

Double-click on the file **uninstall.exe**.

Hit "Next" to start the uninstall of **TEDS-AI**.



Hit "Finish" to complete the uninstall of **TEDS-AI**.

