ETS® Data Manager
Touchless Solution

Automating GRE® and TOEFL® Scores in Slate

The ETS® Data Manager makes it easy for approved score users to view GRE® and TOEFL® score information currently being sent to them by ETS. The Touchless Solution makes it even easier by allowing institutions to automatically import scores directly into Slate via the ETS Data Manager API. This document outlines the necessary steps to configure this process within Slate.

Access and Configurations

If you do not have access to ETS Data Manager Automated Server-to-Server Data Feeds, please visit the [ETS website](#) to request access. Users should have a **(server 2 server) username** and **password** after this step.

GRE and TOEFL scores can be imported into Slate using an API call that is configured as a Source Format.
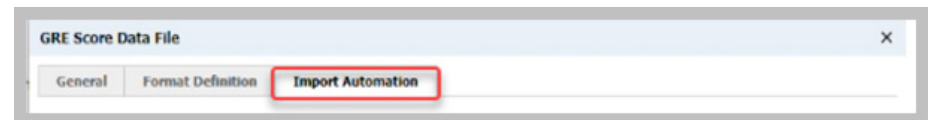
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Choose Test Type

The Test Type stores the score results.

1. Sign in to access your Slate Account.
2. Select the **Database** option from the top navigation bar.
3. Once in the **Database**, search for the "**Import and Data Processing**" section, then select **Source Format Library**.
4. For GRE, "**Add**" the *GRE Score Data File* with format as "*Fixed Width 2017*" if not previously added. **No changes should be made to the test type**.
5. For TOEFL, "**Add**" the *TOEFL Score Data File with format as "Fixed Width > 10/2017"* if not previously added. **No changes should be made to the test type**.

Configure for GRE Scores

The Score Data File automatically fetches score results shared with your institution.

1. Select the **Database** option again from the top navigation bar.

2. Once in the **Database**, search for the "**Import and Data Processing**" section, then select **Source Formats**.

3. Click on GRE Score Data File with format as "*Fixed Width 2017*".

4. Select **Edit**. The **GRE Score Data File** dialog appears.
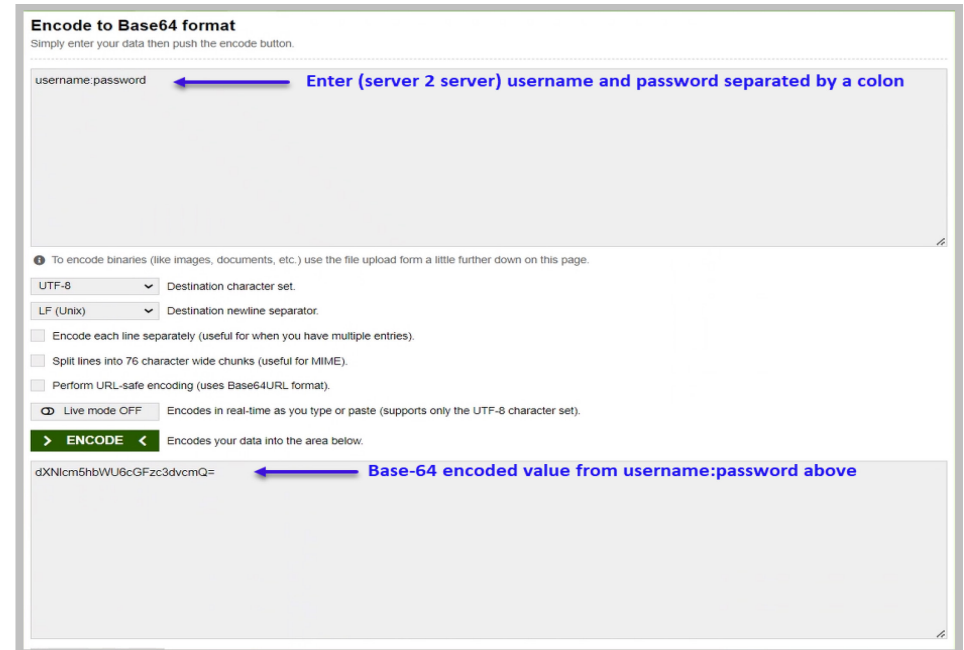
5. Select the **Import Automation** tab.

6. Copy the text below and paste it in **Import Remote Server** field:

   https://datamanager-api.ets.org/api/v1/scores/testtakers?startdate={{dtstart|date:'s'}}&enddate={{dtend|date:'s'}}&type=GRE&reportby=scorelinkbyreportdate

Add the authorization header to the **HTTP Headers** box according to the following:

7a. Perform a base 64 encoding on the (**server 2 server) username** and **password** values provided by the ETS Institution Portal.

You may use a website such as https://www.base64encode.org/ to generate the base-64 encoded value by pasting in the (**server 2 server) username** and **password** values, separated by a colon (e.g., **username:password**).
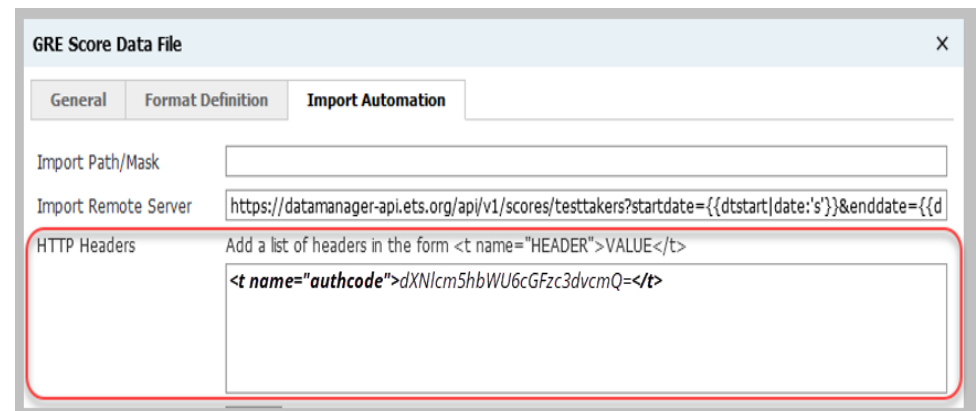

7b. Add the authorization header using the format below:

<t name="authcode"> {{base-64 encoded value generated from step 7a}}</t>

Example:

<t name="authcode">dXNlcm5hbWU6cGFzc3dvcmQ=**</t>**

Note: Do not add braces to the value; paste in the value exactly as it is generated.

7c. Click the **Override** link to override the **Last Remote Server Fetch (UTC)** setting to be the approximate date of the last EDMGRE scores that were imported into Slate.

By default, all currently valid EDMGRE scores released to your institution will be sent during the first fetch. Overriding this value will limit the fetch to just those since the last import.

7d. Enter the confirmation message.

7e. Click the "**OK**" button to continue with generating the timestamp.

Note: This is case sensitive.

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7f. In the **"Last Remote Server Fetch (UTC)"** field, enter the approximate timestamp that the source format should send to EDMGRE to restrict the data that is retrieved during the first data fetch.

Note: The timestamp should be in the UTC time zone in the format: yyyy-MM-ddTHH:mm:ss (for example, 2023-04-05T03:22:30).

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7g. Click the "**Save"** button to update configurations.

Click the "**Cancel**" button to revert to the original configurations without saving the data entered on this page.

GRE Score Data File   ✕

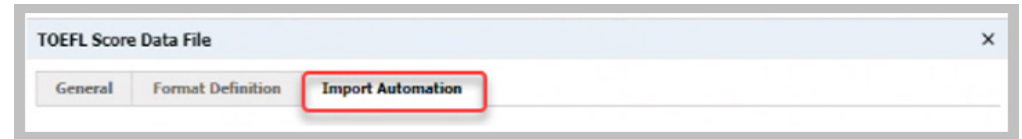| General | Format Definition | **Import Automation** |

Import Path/Mask

Import Remote Server   `https://datamanager-api.ets.org/api/v1/scores/testtakers?startdate={{dtstart|date:'s'}}&enddate={{d`

HTTP Headers   Add a list of headers in the form <t name="HEADER">VALUE</t>

<t name="authcode">dXNlcm5hbWU6cGFzc3dvcmQ=</t>

Import Order

Import Frequency (mins)

Last Remote Server Fetch (UTC)   `2023-04-06T16:41:25`   Enter the override time (UTC) with the format yyyy-MM-ddTHH:mm:ss

The next remote server fetch will occur no sooner than 24 hours after the entered time, and the dtstart merge field (if applicable) will be precisely the time entered.

Web Callback URL

Save   Cancel

Configure for TOEFL Scores

The Score Data File automatically fetches score results shared with your institution.

1. Select the **Database** option again from the top navigation bar.

2. Once in the **Database**, search for the "**Import and Data Processing**" section, then select **Source Formats**.

3. Click on *TOEFL Score Data File with format as "Fixed Width > 10/2017"*.

4. Select **Edit**. The **TOEFL Score Data File** dialog appears.

5. Select the **Import Automation** tab.
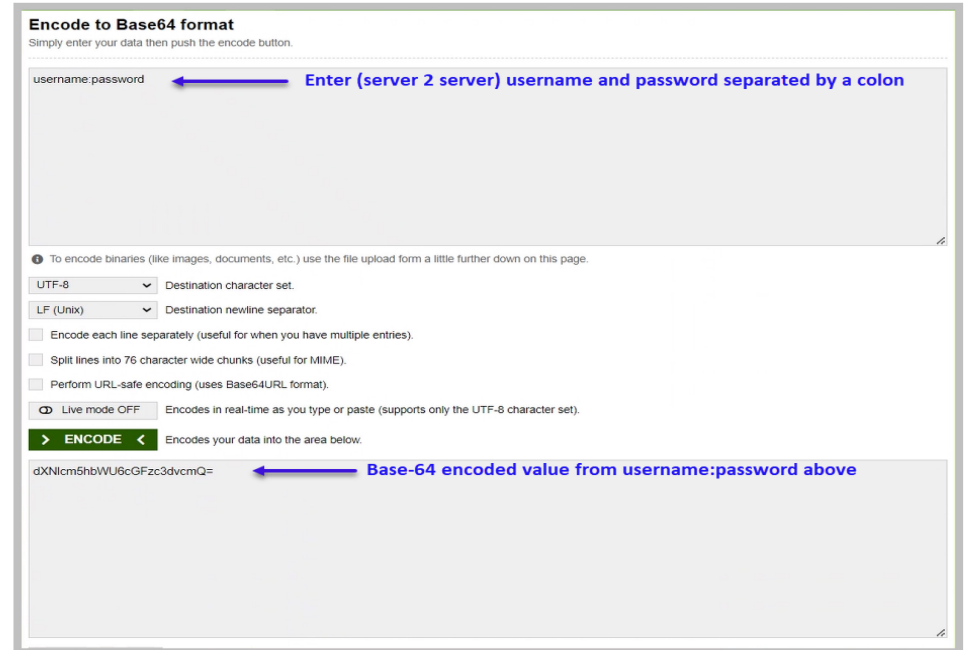

6. Copy the text below and paste it in **Import Remote Server** field:

    https://datamanager-api.ets.org/api/v1/scores/testtakers?startdate={{dtstart|date:'s'}}&enddate={{dtend|date:'s'}}&type=TOEFL&reportby=scorelinkbyreportdate

7. Add the authorization header to the **HTTP Headers** box according to the following:

7a. Perform a base 64 encoding on the (**server 2 server) username** and **password** values provided by the ETS Institution Portal.

You may use a website such as https://www.base64encode.org/ to generate the base-64 encoded value by pasting in the (**server 2 server) username** and **password** values, separated by a colon (e.g., **username:password**).
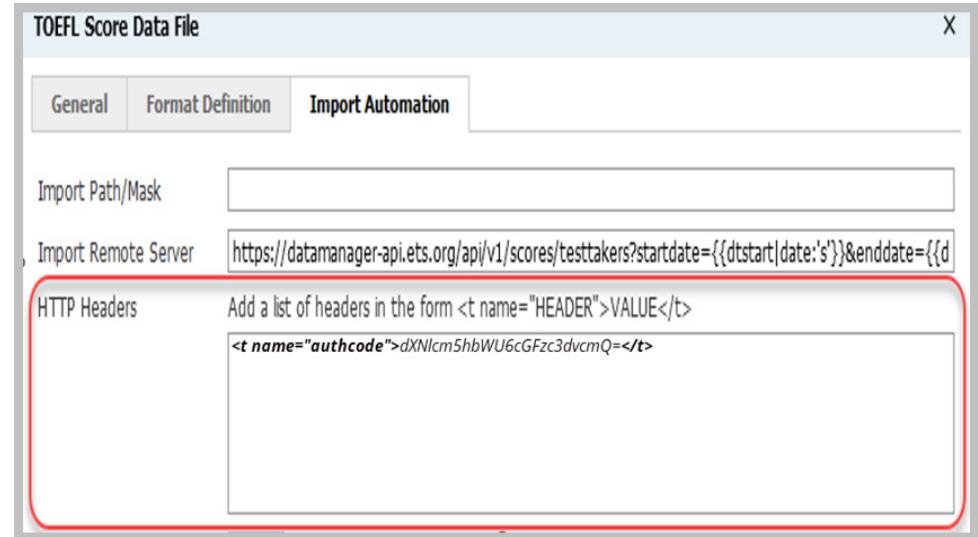

Encode to Base64 format
Simply enter your data then push the encode button.

username:password ← Enter (server 2 server) username and password separated by a colon

ℹ To encode binaries (like images, documents, etc.) use the file upload form a little further down on this page.

UTF-8 ▾   Destination character set.
LF (Unix) ▾   Destination newline separator.
☐ Encode each line separately (useful for when you have multiple entries).
☐ Split lines into 76 character wide chunks (useful for MIME).
☐ Perform URL-safe encoding (uses Base64URL format).
◉ Live mode OFF   Encodes in real-time as you type or paste (supports only the UTF-8 character set).
> ENCODE <   Encodes your data into the area below.

dXNlcm5hbWU6cGFzc3dvcmQ= ← Base-64 encoded value from username:password above

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7b. Add the authorization header using the format below:

<t name="authcode"> {{base-64 encoded value generated from step 7a}}</t>

Example:

<t name="authcode">**dXNlcm5hbWU6cGFzc3dvcmQ=**</t>

Note: Do not add braces to the value; paste in the value exactly as it is generated.

TOEFL Score Data File   X

General | Format Definition | **Import Automation**

Import Path/Mask

Import Remote Server   https://datamanager-api.ets.org/api/v1/scores/testtakers?startdate={{dtstart|date:'s'}}&enddate={{d

HTTP Headers   Add a list of headers in the form <t name="HEADER">VALUE</t>

<t name="authcode">dXNlcm5hbWU6cGFzc3dvcmQ=</t>

7c. Click the **"Override"** link to override the "**Last Remote Server Fetch (UTC)"** field setting to be the approximate date of the last EDMTOEFL scores that were imported into Slate.

By default, all currently valid EDMTOEFL scores released to your institution will be sent during the first fetch. Overriding this value will limit the fetch to just those since the last import.

TOEFL Score Data File   X

| General | Format Definition | **Import Automation** |

Import Path/Mask

Import Remote Server   https://datamanager-api.ets.org/api/v1/scores/testtakers?startdate={{dtstart|date:'s'}}&enddate={{d

HTTP Headers   Add a list of headers in the form <t name="HEADER">VALUE</t>

<t name="authcode">dXNlcm5hbWU6cGFzc3dvcmQ=</t>

Import Order

Import Frequency (mins)

Last Remote Server Fetch (UTC)   2023-04-06T17:23:47   Override

7d. Enter the confirmation message.

7e. Click the "**OK**" button to continue with generating the timestamp.

Note: This is case sensitive.

To override the next fetch timestamp, type the phrase CHANGE FETCH TIMESTAMP below:

CHANGE FETCH TIMESTAMP

OK   Cancel

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7f. In the "**Last Remote Server Fetch (UTC)"** field, enter the approximate timestamp that the source format should send to EDMTOEFL to restrict the data that is retrieved during the first data fetch.

Note: The timestamp should be in the UTC time zone in the format: yyyy-MM-ddTHH:mm:ss (for example, 2023-04-05T03:22:30).

7g. Click the "**Save**" button to update the configurations.

Click the "**Cancel**" button to revert to the original configurations without saving the data enter on this page.

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