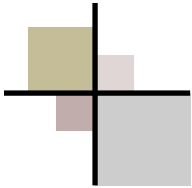




eTranscript

Web Service Specification



Accessing the Web Service

Token Request

The USBE eTranscript data service uses a RESTful interface for the exchange of data. Systems that wish to connect to the service will be provided with a GUID that is associated with the system’s IP address.

To acquire the token, issue a POST request to <https://utrex.schools.utah.gov/token> with the form fields:

```
grant_type = client_credentials
client_id  = {guid}, where {guid} is the ID provided by USBE
```

The reply will contain:

Key	Value
access_token	{token}
token_type	bearer
expires_in	{time span}

If there is an authentication error, the response will contain “error” and a message.

API Calls

All calls to the API must have the token set in the *Authorization* field of the request header.

Request Header

Authorization: bearer (token)

- <https://utrex.schools.utah.gov/etranscript/{lea number}/{ssid}/{birth year}/{birth month}/{birth day}>

This call returns an XML file in the PESC High School Transcript format. We are using version 1.5.0.

Additional information can be found at the PESC website: http://www.pesc.org/interior.php?page_id=163

- <https://utrex.schools.utah.gov/etranscript/getleas>



Utah State Board of Education

This call gets a list of LEAs with high schools and returns the results in the following XML format:

```
<ArrayOfLEA>
  <LEA>
    <LEANumber>01</LEANumber>
    <LEAName>Alpine School District</LEAName>
  </LEA>
  ...
</ArrayOfLEA>
```

➤ <https://utrex.schools.utah.gov/etranscript/getallschools>

This call gets a list of LEAs and their high schools and returns the results in the following XML format:

```
<ArrayOfLEA>
  <LEA>
    <LEANumber>01</LEANumber>
    <LEAName>Alpine School District</LEAName>
    <Schools>
      <School>
        <SchoolNumber>704</SchoolNumber>
        <SchoolName>AMERICAN FORK HIGH</SchoolName>
      </School>
      ...
    </Schools>
  </LEA>
  ...
</ArrayOfLEA>
```

➤ <https://utrex.schools.utah.gov/etranscript/getschoolsforlea/{lea number}>

This call gets the list of high schools for a particular LEA and returns the results in the following XML format:

```
<LEA>
  <LEANumber>01</LEANumber>
  <LEAName>Alpine School District</LEAName>
  <Schools>
    <School>
      <SchoolNumber>704</SchoolNumber>
      <SchoolName>AMERICAN FORK HIGH</SchoolName>
    </School>
    ...
  </Schools>
</LEA>
```

[Last Revised: July 2016]