



Student Data Privacy Consortium

SDPC Resource Registry

API Developers Guide

June 2019

Introduction

The Student Data Privacy Consortium (SDPC) Resource Registry API is designed to be a machine-readable version of public information already available to SDPC Members through the SDPC Resource Registry. This API is useful for data analysis, maintaining snapshots in time, and more. Leveraging the same technologies as the Registry, this API will provide instant access to the data without having to perform manual searches.

AUTHENTICATION

Initial authentication is done using the same username and password an SDPC member uses to log into the SDPC Resource Registry. To prevent compromising of data and to ensure easy access, these credentials **MUST** be submitted using HTTP headers. Please keep in mind that the username and password are case sensitive.

Required Headers:

- username
- password

NOTE: Please be sure all your exchanges are using HTTPS and that headers are logged securely to protect your login credentials. If you decide to change your password in the system then, please remember to update your API headers to the new password to maintain access.

By using this API, you are automatically agreeing to the [SDPC Resource Registry API Usage Policy](#) and the [SDPC Privacy Policy](#).

ACQUIRE A COOKIE

You can retrieve your cookie, which acts as your access token, by logging into: <https://sdpc.a4l.org/api.php>. Because web browsers typically don't have a way to set custom headers without customization, this is expected to be done in your client code using the headers required above. However, for proof-of-concept purpose other API client tools may be used.

EXAMPLE RESPONSE HEADERS

HTTP/1.1 302 Found

```
Location: api_read.php?page=1&verify=T
Set-Cookie: PHPSESSID=feaokapkb7ir49nuf5pg5qi534; path=/,
AutoLogin_username=deleted; expires=Thu, 01-Jan-1970 00:00:01 GMT;
Max-Age=0; path=/, AutoLogin_password=deleted; expires=Thu, 01-Jan-
1970 00:00:01 GMT; Max-Age=0; path=/
Server: Apache/2.4.29 (Ubuntu)
Pragma: no-cache
Content-Type: text/html; charset=UTF-8
Expires: Thu, 19 Nov 1981 08:52:00 GMT
Date: Tue, 28 May 2019 18:25:59 GMT
Cache-Control: no-store, no-cache, must-revalidate
Keep-Alive: timeout=5, max=100
Content-Length: 0
Connection: Keep-Alive
```

AUTHENTICATING WITH YOUR COOKIE

You can retrieve data by using your cookie rather than your username and password at the following URL: https://sdpc.a4l.org/api_read.php?page=1&verify=T

Required Headers:

- Cookie

API RESPONSES

If you have authenticated correctly the first page of data will start to flow.

```
[
  {
    "dataID": "9484",
    "agreement_typesID": null,
    "signed_agreement_file": null,
    "statusID": "11",
    "date_approved": null,
    "date_expired": null,
    "year": null,
    "grade_level": null,
    "content_area": null,
    "declined_reasoning": null,
    "originator": null,
```

```
"softwareID1_ignore": "53",
"districtID1_ignore": "398",
"districtID": "398",
"district_name": "Acton-Boxborough School District",
"city": "Acton",
"state": "MA",
"country": "United States",
"district_website": "http://www.abschools.org",
"district_logo": "https://sdpc.a41.org/district_logos/",
"account_status": "Approved",
"leaid": "2501710",
"dataID3_ignore": null,
"selected_addendum": null,
"signed_addendum_file": null,
"addendumID": null,
"addendum_name": null,
"public": "Yes",
"agreement_name": null,
"agreement_state": null,
"description": null,
"status": "Vendor Unresponsive",
"districtID3_ignore": null,
"softwareID2_ignore": null,
"data_list": null,
"softwareID": "53",
"company_name": "Kahoot!",
"software_name": "Kahoot!",
"website": "https://getkahoot.com/",
"icon": "https://sdpc.a41.org/logos/Kahoot_logo.png",
"terms_of_services": "https://kahoot.com/terms-and-
conditions/",
"privacy_policy": "https://kahoot.com/privacy-policy/",
"purpose": null,
"softwareID10_ignore": null,
"districtID10_ignore": null
}
```

Note: Above is the *start* of a page of data one might receive upon accessing the API.

Note: If your request fails, you will get a 302 response code redirecting you to error.php. This failure could be due to incorrect login credentials. If you continue to have issues then, please contact your Alliance’s support representative or the SDPC Registry webmaster.

You can get subsequent pages by changing the page query parameter https://sdpc.a4l.org/api_read.php?page=2&verify=T. When you attempt to retrieve the page after the last page with data you will receive “null” as the body.

DATA KEY

When using this API, the following data fields will be exported:

Field Name	Description
dataID	Unique ID for an agreement record.
agreement_typesID	Unique ID associated with an agreement type for a specific alliance.
signed_agreement_file	The URL of the uploaded signed agreement between and school district and a vendor in a pdf format.
statusID	Unique ID for an agreement status type. For a status key, please see below.
date_approved	The date an agreement was approved by a district and a vendor.
date_expired	The date an agreement expires between a district and a vendor.
year	This is the school year that an approved Legal Drafted Guardian Release is associated with.
grade_level	The grade level that is using a specific resource at a specific school district.
content_area	The educational content area that a resource will be associated with at a specific district.
declined_reasoning	The reason an agreement is declined between a district and a vendor.
originator	A Y/N field identifying if a school district is the originator for an agreement with a specific resource in their alliance.
districtID	A unique ID for a school district.

Field Name	Description
district_name	The full name of a participating school district.
city	The city where a participating school district is located.
state	The state/province where a participating school district is located.
country	The country where a participating school district is located.
district_website	The official website for a participating school district.
district_logo	The official identifying logo file for a participating school district.
account_status	The status of a school district account.
leaid	The US NCES code assigned for a school district.
selected_addendum	The unique ID for an Exhibit E or addendum name that is associated with a specific agreement type.
signed_addendum_file	A URL path for a pdf of the signed addendum for a subscribing district to an originating contract between a vendor and school district.
addendumID	A unique ID for an Exhibit E or addendum that is associated with a specific agreement type.
addendum_name	The Exhibit E or addendum name that is associated with a specific agreement type.
public	A Y/N field identifying if an agreement type can be seen by the public.
agreement_name	A name of an agreement type.
agreement_state	The state or alliance that uses a specific agreement type. If it is equal to "All" then, it is available to everyone.
description	A brief description of an agreement type.
status	The status of an agreement request. For a status key, please see below.
data_list	All data elements collected by a resource that have been identified by a vendor.
softwareID	A unique ID for a resource.
company_name	The full name of a resource's company.

Field Name	Description
software_name	The name of a resource in the system.
website	The official website of a company with a resource in the system.
icon	The official identifying logo of a company or resource.
terms_of_service	The URL of the terms of service on the Vendor's website.
privacy_policy	The URL of the privacy policy on the Vendor's website.
purpose	A brief description of the resource's purpose.

Note: Please disregard any fields with "ignore" in the field name.