

EdData Workshop

22 January 2019



Agenda

- ❖ Overview of EdData Project
- ❖ EdData Workshop

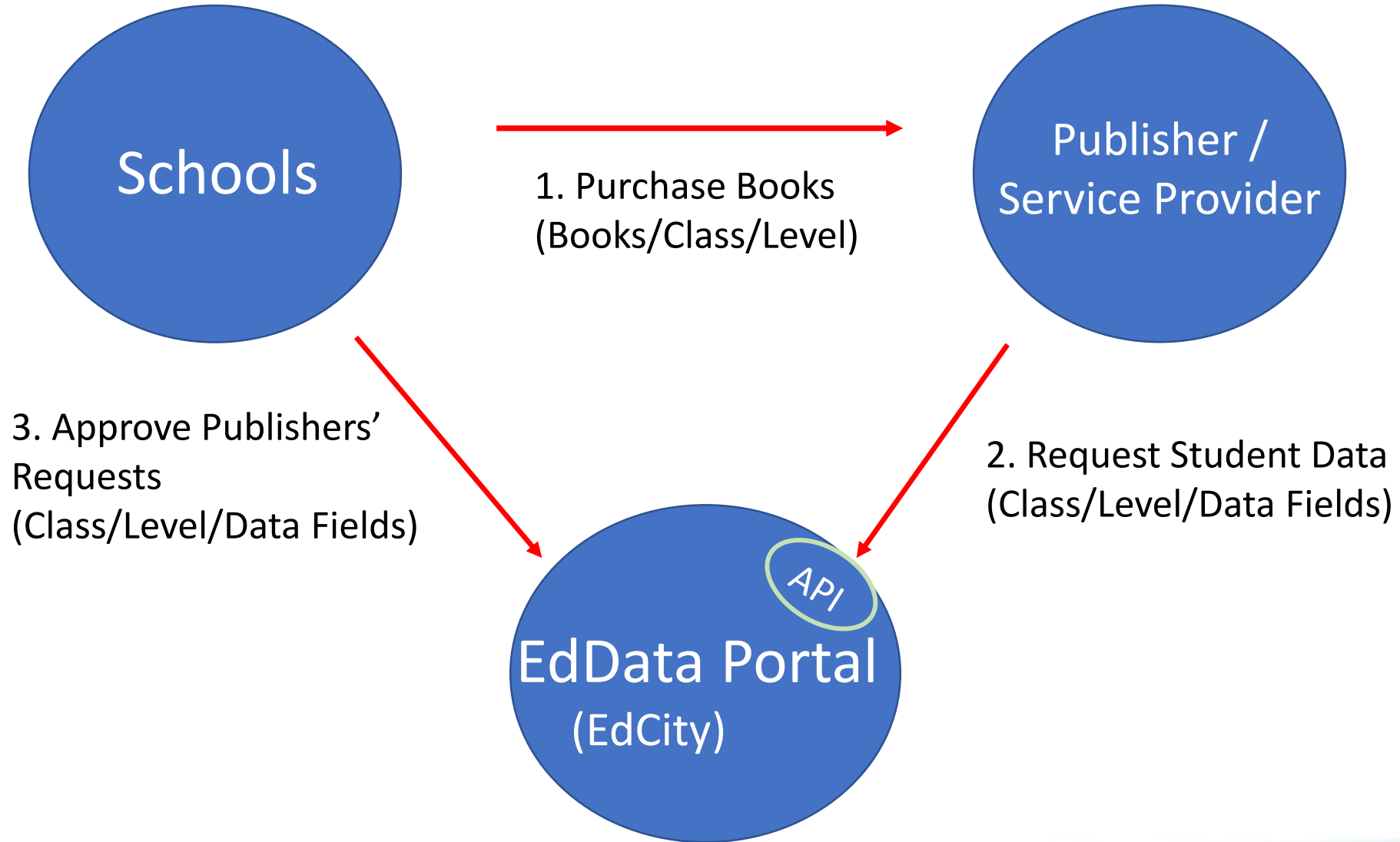
www.hkedcity.net



EdData

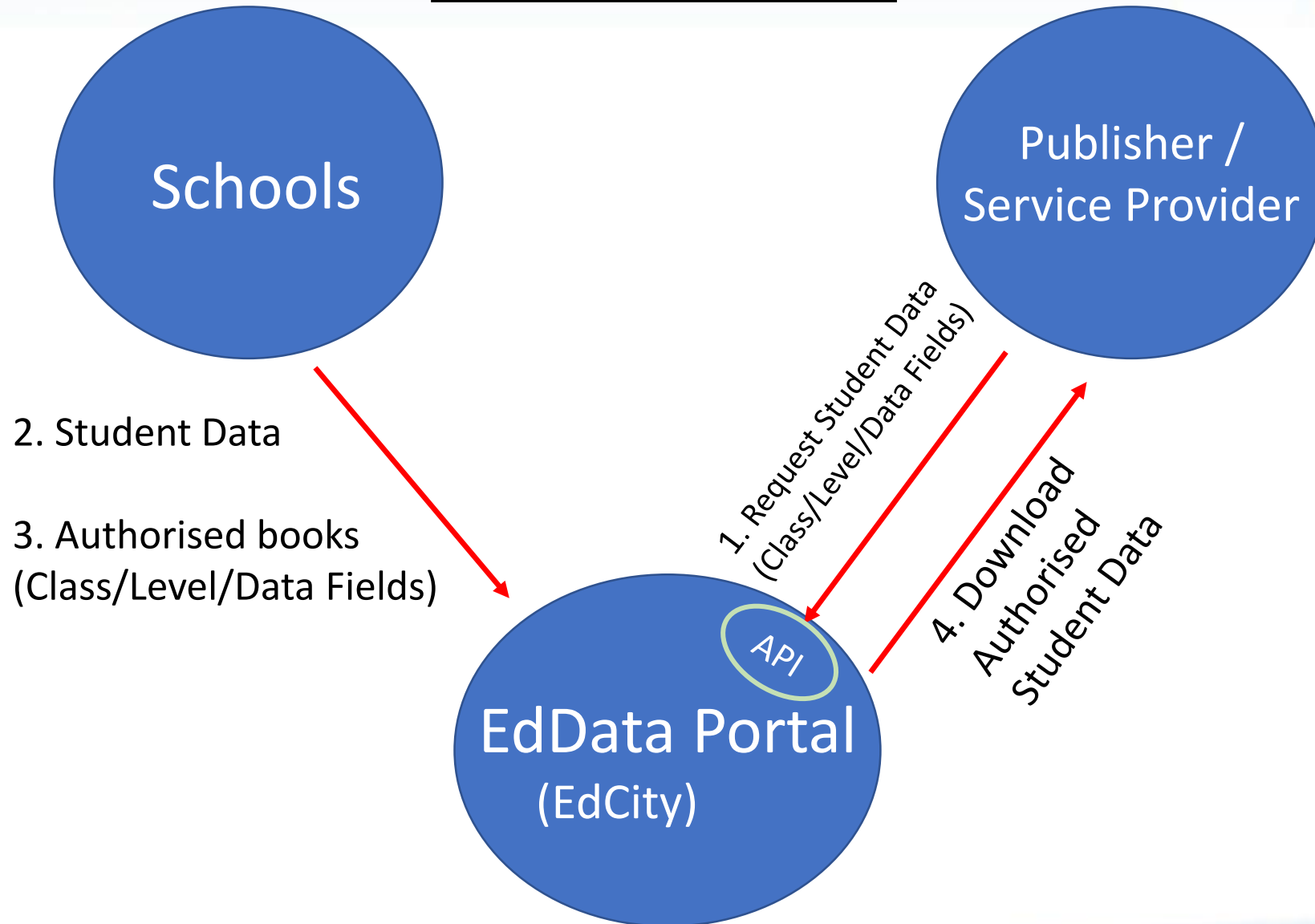


Data Access Authorisation





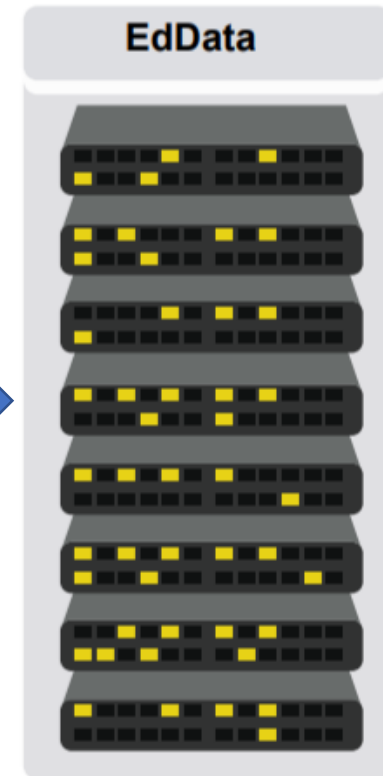
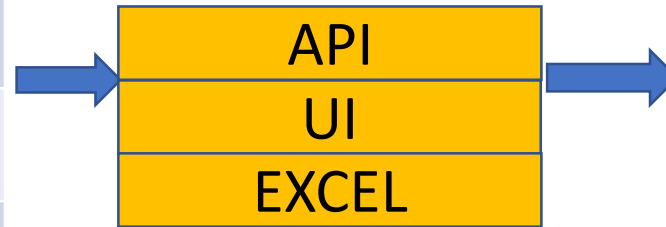
Data Exchange



Request Student Data

► By Publisher / Service Provider

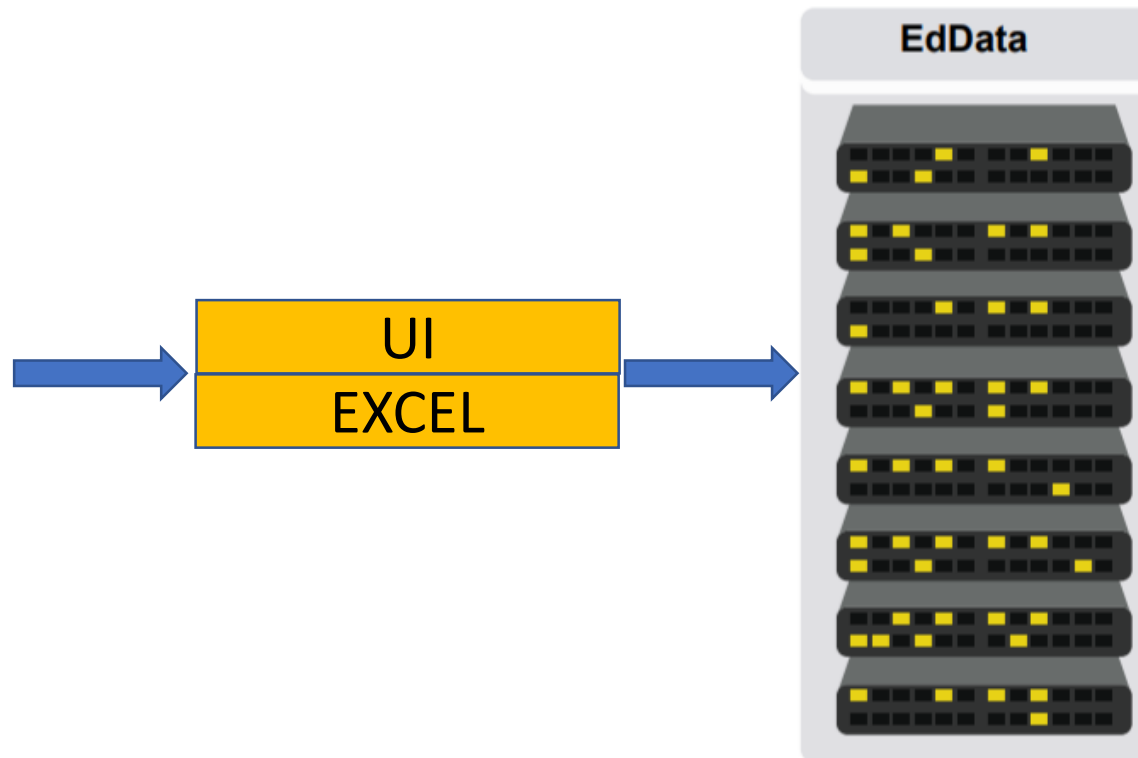
ProductName	Name	Class	Class No
Book 1	✓		
Book 2	✓	✓	✓
Book 3		✓	✓



Schools Authorise Book

► By School

Name	Class	Product
Student 1	6A	Book 1
Student 2	6A	Book 1, Book 3
Student 3	6B	Book 3
:	:	
Student N	3C	Book 9





Download Student Data

► By Publisher / Service Provider

Publisher A

Name	Student Data	Product
Student 1	Required field of Book 1	Book 1
Student 2	Required field of Book 1, Book 3	Book 1, Book 3
Student 3	Required field of Book 3	Book 3

Publisher B

Name	Student Data	Product
Student N	Required field of Book 9	Book 9

EdData Portal



Live Demo

EdData API

- Total 11 API available
- Examples
 - addProduct
 - addProductSchool
 - listStudent
- Details can refer to EdData API specification in Toolkits

EdData API

```
X:\project\edconnect\EdConnectV2\test_eddata_api_video_and_code\test_eddata_api\result.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
new 1 new 2 new 3 new 4 new 5 index.php result.php
1 <?php
2 // PHP 5.6 or above
3
4 // Retrieving Access Token
5 define('AUTHENTICATE_URL', 'https://eddata-poc.uat.hkedcity.net/authenticate.php');
6 define('CLIENT_ID', 'edconnect_demo');
7 define('CLIENT_SECRET', 'apisecret');
8 // Retrieving Students Information
9 define('LIST_STUDENT_URL', 'https://eddata-poc.uat.hkedcity.net/admin/api/publishers/listStudent');
10 define('RETURN_FORMAT', 'JSON'); // JSON/CSV
11 define('SCHOOL_CODE', json_encode(array(190394000214, 190395000214)));
12 define('SCHOOL_YEAR', 2018);
13 define('LAST_UPDATE_TS', (new DateTime('2018-10-15 00:00:00'))->getTimestamp()); // Optional
14
15 function callAPI($url, $data) {
23
24 function getStudentData($access token) {
49
50 function getAccessToken(){
69
70 $access_token = getAccessToken();
71
72 $json_data = getStudentData($access_token);
73
74 ?>
75 <!DOCTYPE html>
76 <html>
77 <head>
78 <title>Test EdData API</title>
79 </head>
80 <body>
81 <h1>Test EdData API</h1>
82 <h2>Step 1: Get access token</h2>
83 <pre>Access Token: <?php echo $access_token; ?></pre>
84 <h2>Step 2: Get student data by access token</h2>
85 <pre><?php echo $json_data; ?></pre>
86 </body>
87 </html>
88
PHP Hypertext Preprocessor file length: 2,578 lines: 88 Ln: 61 Col: 42 Sel: 0|0 Unix (LF) UTF-8 INS
```

First API call - get access token

Second API Call - List Student information



Testing Arrangement

- Enrol for tryout
- Toolkits (EdConnect 2.0 and EdData) will be provided after 1 week



Upload Product Information

- ▶ Recommend 3 testing product information
- ▶ Specify requested student data fields for each product
- ▶ Specify schools to provide EdData



Authorise EdData access

School scenario

School	Scenario
Small Campus Primary School	Whole school
Hong Kong Reading City College	Whole form (Form 2)
Hong Kong Education Secondary School	Only 2 classes (1A, 1B)



Schedule

Step	Item	Perform By	Schedule Completion Date
1	Upload Product Name, Product Code and School	Publisher / Service Provider	15/5/2019
2	Authorise EdData access	HKEdCity	Max half hour after step 1 completed
3	Download Student Data	Publisher / Service Provider	31/5/2019

EdData



Way Forward

Master Schedule of Tryout Programme



Step	Item	Performed By	Timeline
1	Enrol Tryout Programme	Publisher / Service Provider	From now on
2	Provide Toolkits (EdConnect 2.0 and EdData)	HKEdCity	Starting from 29/1/2019
3	Upload Product Name, Product Code and School	Publisher / Service Provider	On or before 15/5/2019
4	Authorise EdData access	HKEdCity	Max half hour after step 3 completed
5	Download Student Data	Publisher / Service Provider	On or before 31/5/2019

Authorisation and Usage of Data

- Schools authorise releasing data to publishers
- Secure operation to ensure data privacy (schools authorise what data to be released to whom)
- EdData User should comply with access and use policy:
 - ✓ Observe confidentiality of all data
 - ✓ Apply necessary security measures to protect the data when being stored in their systems
 - ✓ Authorised purpose only
 - ✓ Cannot exploit or harvest data for other purpose
 - ✓ Remove data upon request or expiry of service.



Other Data

- School Data
 - School information available from Open Data.
<https://data.gov.hk/tc-data/dataset/hk-edb-schinfo-registration-info>
- Teacher Data
 - Teacher can use the same EdConnect



Enrolment for Tryout



EdData x EdConnect 2.0 Trial - Application Form

EdData: To access a standardised student data format

EdConnect: To allow end-users to login in Applications provided by different Service Providers by using one HKedCity login and password





Q & A





查詢

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