



City of Learning Content Partner API

Background

The Chicago City of Learning (CCOL) Engine powered by Digital Youth Network is the system that maintains all the data for the Chicago City of Learning Project. The CCOL Engine is API Access Only and uses Object/Role based Authorization and Json Web Tokens (JWT) for securing data passed to the API.

To allow badging, Partner Organizations must use the User Authorization process such that COL users grant access to the Partner Organization to issue badges in their accounts.

Partner organizations after agreeing to the contractual agreements will be provided with an API Token and Secret, and will also provide Chicago City of Learning with the callback URL the user will be redirected to after they have granted or rejected access to their account.

User Authorization process

The User Authorization process follows a similar process as OAuth 2, with some simplifications. The Partner Organization must request access to a CCOL account by redirecting their users to an authorization page on the Chicago City of Learning site. The process is as follows:

1. Request Authorization
2. User grants access
3. User is redirected to the Partner Organization

Request Authorization

To request access to the User's UUID to issue badges, the Partner Organization must redirect the User to a authorization URL, with the Partner Organization's API Token parameter called token, and the Partner Organization's User ID called oid. The token is used to confirm the identity of the Partner Organization and the oid, will be passed back via the Callback URL so that the Partner Organization can save the CCOL Users UUID to the correct user.

The URL format is as follows

production: [https://chicagocityoflearning.org/auth?token=\[API_TOKEN\]&oid=\[User_ID\]](https://chicagocityoflearning.org/auth?token=[API_TOKEN]&oid=[User_ID])

staging: [https://chicago.cityoflearning.me/auth?token=\[API_TOKEN\]&oid=\[User_ID\]](https://chicago.cityoflearning.me/auth?token=[API_TOKEN]&oid=[User_ID])

User determines access

The user will see a page that will require them to log in, or sign up, after that they will be given the option to Grant or Deny Access. In Either case they are redirected back to the Partner Organization

User is redirected to the Partner Organization

During the configuration process the Partner Organization needs to provide a callback url. Once a user has either granted or denied access they are redirected to the callback url, which has two additional parameters added.



If the user grants access, the parameters passed back are the `oid` and `cuid`. The `oid` parameter will contain the value that was passed into the Authorization request. The `cuid` is the CCOL user `uid`, which can be used for the recipient parameter for badging.

If the user denies access the parameters passed back are the `oid` and `error`. The `oid` parameter will contain the value that was passed into the Authorization request. The `error` parameter indicates that the user denied access.

API Summary

Request Format

All requests to the API must use Encoded JSON Web Tokens in the following format or they will be rejected with a status code of 400.

```
{
  exp: number - time when message expires in seconds since epoch
  version: string - should be set to "v1"
  payload: {} - Action specific parameters / payload
}
```

An Example Request before being encoded with the API Secret would look like

```
{
  "exp": 1465497726,
  "payload": {
    "key": ""
  }
}
```

Once its encoded with the Partner Organizations API secret, it should be passed as the `jwt` Query String parameter for GET requests and passed as query string parameter, for post requests pass it in the body

```
{
  jwt: Signed JWT
}
```

In any request the "Authorization" HTTP header must be set to "JWT token=[API TOKEN]", where [API TOKEN] should be the Partner Organizations API token.

TIPS

Set the `exp` for about 5 minutes into the future, as server's clocks can drift over time, this allows requests a decent margin for error

<http://self-issued.info/docs/draft-ietf-oauth-json-web-token.html>

Result Format

All requests will return json responses in the following format. A summary of the status codes will be shown below



```
{
  errors: {}
  result: Action Specific Results
  status: 200/201/400/401/403/404/405/500/501
}
```

Status Codes

200 - OK - Standard response for successful HTTP requests. The actual response will depend on the request method used. In a GET request, the response will contain an entity corresponding to the requested resource. In a POST request the response will contain an entity describing or containing the result of the action

201 - Created - The request has been fulfilled and resulted in a new resource being created

400 - Bad Request - The request cannot be fulfilled due to bad syntax or jwt encoding

401 - Unauthorized - Authentication has failed

403 - Forbidden - The user does not have access to do this

More information about the status codes can be found here

https://en.wikipedia.org/wiki/List_of_HTTP_status_codes

Base Url

The CCOL API attempts to be as RESTful as possible. The base url is below and the actions are dictated by the method on the request.

Staging base url: http://chicago.col-engine-staging.com/partner_api/v1/

Production base url: https://chicago.col-engine.com/partner_api/v1

API Actions

The API actions supported as of writing this document are spread across four categories.

Badges

1. [List badges](#)
2. [Get badge details](#)
3. [Issue badge](#)
4. [Update badge details](#)

Programs/Folders

1. [List all programs](#)
2. [Get program details](#)

Scheduled Programs

1. [List all scheduled programs](#)
2. [Get scheduled program details](#)

User Registrations

1. [List rostered learners](#)



List Partner Organization Badges

This action returns an array of badges with details about each badge in the result.

HTTP Method: GET

Required Payload Parameters: key

Request

GET /api/v1/orgs/:org_id/badges.json

Response

```
{
  "errors": {},
  "metadata": {},
  "result": [
    {
      "id": 933687154,
      "name": "ZBjtiThptXLqNDvIdtfmhpDGvPFgfd",
      "description":
"GRATcKRRdkyRdlkURatcICTwOkoWATAu0ZxcAcDjgbuKADlBcLePFVcYwEUnAhEXGhmKrWOUduvqyTTZRqwGmspBSrZso
VYuEZux",
      "informal_description":
"hmeKgjkImqfExGfdHtRa0IfwjBHzPvZfJVGFnGyAeaLELmSyDauPsExMmPQJAUeiMtlnhMUYiKhFtnYUfvJPNJJQwinVC
VDcVaNK",
      "blurb":
"rJhtXbslWZxpvtMeQTIEFThOnLVRpsksUyNmnsJiRdpQGysuXjzEDetSsoUSFNAYGazeEzCwbZKHFSJaSPufvETTbLtpD
GQJWfYg",
      "badge_type": "community",
      "image_url": "http://remixlearning.com/wp-content/themes/warm/img/logo_chicago.jpg",
      "evidence":
"FVMIIzfwtwWwySEDLFMxcswftBmbQjqpnNAGmbJJSJvpIVjqkmaILBYJOpEtwHhVWwGSAJqTCNBKSIlsLruNeQIFBqRO
oGvdoOR",
      "external_id": null,
      "duration":
"lkIncKAFzdbWCCiYsBbMufgyzUMGpggbzhvZwHVXHozLZJbySsqMvFCRRzpmckskEuippPNPGBdJabQChdHpYSWXq0fWg
JkeAyEN",
      "levels":
"OqturNggvIIJOPqzEiYhpwmVJzgnIQnqLKAtKmJVzLryviIagaBbufHCcdHYBnRuNtGOPTwDQuZgfbPZcqktoEu0YiyQG
tULMjdB",
      "milestones":
"SBk0mjMNAsXQzpGUhiUqcMKPaJnHnikTQwHJGLJhPLEJHwxUOrzqfKMLwMSYaciXSMQlcDQEeHzBEJEqsOhDocysqtYzS
ZCunlRf",
      "standards_alignment":
"KZXZ0rAkCPWvSVKyYFfrPEAJxAQYRsZUbBEXuevo1QfLseMPWZaFScibNPugtelUgBPhVutqKhCdo0kgKozKNYDAFSWE
RZoBfnf",
      "org_id": 845309360,
      "org_name": "Org1",
      "publish_state": "draft",
      "created_at": "2015-11-09T04:58:29Z",
      "issue_count": 0,
      "last_awarded_at": null,
      "minimum_rulesets_req": 1,
      "access_control": 0,
      "engagement": "What did you learn doing this badge? Could you please teach me?",
    }
  ]
}
```



```
"extra_data": {
  "international": false,
  "more_info": "http://www.google.com"
},
"badge_source": "CCOL",
"issue_limit": 0,
"issue_unique": false,
"badge_criteria": [
  {
    "description": "Badge criteria 1",
    "note": "X",
    "required": true,
    "id": 980190966,
    "rubric_url": null
  },
  {
    "description": "Badge criteria 2",
    "note": "Y",
    "required": true,
    "id": 980190967,
    "rubric_url": null
  },
  {
    "description": "Badge criteria 3",
    "note": "Z",
    "required": false,
    "id": 980190968,
    "rubric_url": null
  }
],
"rule_sets": [],
"categories": [],
"tags": [
  {
    "tag": {
      "id": 980202451,
      "name": "MyTag",
      "tag_type": "MyTagType"
    }
  },
  {
    "tag": {
      "id": 980202452,
      "name": "MyTag",
      "tag_type": "MyTagType"
    }
  }
]
},
"status": 200
}
```



Get Badge Details

This action returns the collection of badge details.

HTTP Method: GET

Required Payload Parameters: key

Request

GET /api/v1/orgs/:org_id/badges/:badge_id.json

Response

```
{
  "errors": {},
  "metadata": {},
  "result": {
    "id": 700611278,
    "name": "MyString",
    "description": "MyText",
    "informal_description": "MyText",
    "blurb": "MyText",
    "badge_type": "skill",
    "image_url": "http://remixlearning.com/wp-content/themes/warm/img/logo_chicago.jpg",
    "evidence": null,
    "external_id": null,
    "duration": "MyString",
    "levels": "MyText",
    "milestones": "MyText",
    "standards_alignment": "MyText",
    "org_id": 845309360,
    "org_name": null,
    "publish_state": "draft",
    "created_at": "2015-11-09T04:57:16Z",
    "issue_count": 1,
    "last_awarded_at": "2015-11-09T05:00:29Z",
    "minimum_rulesets_req": 1,
    "access_control": 0,
    "engagement": null,
    "extra_data": {},
    "badge_source": "CCOL",
    "issue_limit": 0,
    "issue_unique": true,
    "badge_criteria": [
      {
        "description": "required_2",
        "note": "MyText",
        "required": true,
        "id": 298486374,
        "rubric_url": "MyString"
      },
      {
        "description": "required_1",
        "note": "MyText",
        "required": true,
        "id": 980190962,
        "rubric_url": "MyString"
      }
    ]
  }
}
```



```
    }
  ],
  "rule_sets": [],
  "issued_badges": [
    {
      "id": 980190966,
      "badge_name": "MyString",
      "awarded_at": "2015-11-09T05:00:29Z",
      "badge_image_url":
"http://remixlearning.com/wp-content/themes/warm/img/logo_chicago.jpg",
      "externally_issued": false,
      "badge_id": 700611278,
      "shared_badge_hash":
"86a56fea84bc3b4484b7c31ae67892f4b28c62adb31c82b4cdebce140a41dd50",
      "user_detail": "u1",
      "badge_type": "organization",
      "link_id": 387413722,
      "link_type": "ScheduledProgram",
      "evidences": [
        {
          "url": "www.google.com",
          "badge_name": null,
          "awarded_badge_id": null
        }
      ]
    }
  ],
  "categories": [],
  "tags": []
},
"status": 200
}
```

Issue badge

To issue a badge using the Partner Organization API, there are a few procedures that must be followed first.

1. Badges must be created in the CCOL dashboard for that Organization.
2. The badge ids that are returned from the CCOL system must be used in the parameters
3. To issue a badge to a CCOL user, the user must have granted access and the CCOL uuid must be used.

HTTP Method: POST

Required Payload Parameters:

- **badge_id** - *integer* - The id of the Badge that you want to issue, they must be created within the Partner Organization's CCOL dashboard.
- **recipient** - *string* - The CCOL user's uuid (or username or email address) that is passed to the Partner Org during the authorization process
- **user_identifier_type** - *integer* - The only valid values are 1 - which means the recipient passed in is a username, 2 - which means the recipient passed in is a email address, 3 - which means the recipient passed in is a user's UUID, this is the default value if its not passed in.

Optional Payload Parameters:



- **issue_id** - string - This is a unique ID that may be associated with the issuing of that badge, this parameter is useful for cases where the same API call can be used multiple times while only issuing the badge once
- **evidence** - string - A url that is publicly viewable that provides any proof or submissions that the recipient authored to have earned that badge.

Request

POST /api/v1/orgs/:id/issue_badge.json

Response code: 201

Response example

```
{
  "errors": {},
  "metadata": {},
  "result": {
    "id": 980190981,
    "badge_name": "Example name 137",
    "awarded_at": "2015-11-09T05:01:08Z",
    "badge_image_url": "http://remixlearning.com/wp-content/themes/warm/img/logo_chicago.jpg",
    "externally_issued": false,
    "badge_id": 933687244,
    "shared_badge_hash": "bce6135be66ebfc1636a700dee7f32c6e13d4c972e4012311ab6afdbea220c8e",
    "user_detail": "Example 3",
    "badge_type": "challenge",
    "link_id": 476841089,
    "link_type": "Organization",
    "evidences": []
  },
  "status": 201
}
```

Update Badge Details

This action updates the metadata for the specified badge id.

HTTP Method: POST

Required Payload Parameters: key

Request

PUT /partner_api/v1/orgs/:org_id/badges/:id.json

Response

```
{
  "errors": {},
  "metadata": {},
  "result": {
    "id": 933687162,
    "name": "KJqoWDSgiWqmnThWoAfXNvWPdLCkUK",
    "description":
"nnOZZRotVBDXIsMvEAWtltctiEPPBAuKnuuHoQtdphkqtLldyzmYspwzJgEnGmJonIFLdFcJxMsqpvIWuSQYgnAEjKmNf
fgUPoil",
  }
}
```




```
"informal_description":
"CKBgYBCoahBXUBAyISvwcJboeSYtsEoVFQaCIyaCSDcntZHesIXhKfFzYcffiKzwsHUBYnMdBmzjkbHItznwurDpuxtAnB
rmQmvSt",
  "blurb":
"qnNlOVwgZqRLvvgkKNbBongckvkENQhbPaMXFA0FrqhzrIgOzhjqvhHeUhAVRjjNmTuhWjeoKQOMJeBAReLUVmAKgMhZgo
HJvMYHZ",
  "badge_type": "community",
  "image_url": "http://remixlearning.com/wp-content/themes/warm/img/logo_chicago.jpg",
  "evidence":
"QQPjTrDlZLeHwMSbYFvkaRqkKrnzYfJqOrMGfslwfsRlxgffqjsBMTnGElcgjqhdRIBYJPWCTPLiXVSUuLhxSifsegie
YIUFWeU",
  "external_id": null,
  "duration":
"rVedsexnoFeMcamAsTUYfLauOjyGmNjRqlzAuVDRyItSQdmTaTXfPlWmbfdnEzCsnhXojCbpARUFfNfKwUWoqPYMrUih
BMmbsxo",
  "levels":
"daTthWzEMKgYnBKsMRDURx0cuszWgIXyMqblsemoXDDTPDRpeoFdyNfzbNpVBunzAHFsroERDggywHecdgMujWTFGYLL
prTVkmC",
  "milestones":
"CLMleYctwHPjpfJJWbEbhBOHMVyPksoFvplawhTWkNoFQfbzErbiLFPhZwANOHKccjBQgrupvLGPObYumNdEdmjXZpMZD
tbRYaKH",
  "standards_alignment":
"vCZSyYbvovVithRYhhlbxiSqFPsPqUeiV0bpaqvdFuhu0WoetptSZtRXwrbPULfHSKtrXzUsftDRBtBRJzRWVaxFCrrKb
awJtRBz",
  "org_id": 845309360,
  "org_name": "Org1",
  "publish_state": "draft",
  "created_at": "2015-11-09T04:58:48Z",
  "issue_count": 0,
  "last_awarded_at": null,
  "minimum_rulesets_req": 1,
  "access_control": 0,
  "engagement": "What did you learn doing this badge? Could you please teach me?",
  "extra_data": {
    "international": false,
    "more_info": "http://www.google.com"
  },
  "badge_source": "CCOL",
  "issue_limit": 0,
  "issue_unique": false,
  "badge_criteria": [
    {
      "description": "Badge criteria 1",
      "note": "X",
      "required": true,
      "id": 980190993,
      "rubric_url": null
    },
    {
      "description": "Badge criteria 2",
      "note": "Y",
      "required": true,
      "id": 980190994,
      "rubric_url": null
    },
    {
      "description": "Badge criteria 3",
```



```
    "note": "Z",
    "required": false,
    "id": 980190995,
    "rubric_url": null
  }
],
"rule_sets": [],
"categories": [],
"tags": [
  {
    "tag": {
      "id": 980204851,
      "name": "MyTag",
      "tag_type": "MyTagType"
    }
  },
  {
    "tag": {
      "id": 980204852,
      "name": "MyTag",
      "tag_type": "MyTagType"
    }
  }
]
},
"status": 200
}
```

List Organization's Programs

This action returns the collection of programs.

HTTP Method: GET

Required Payload Parameters: key

Request

GET /api/v1/orgs/:org_id/programs.json

Response

```
{
  "errors": {},
  "metadata": {},
  "result": [
    {
      "id": 288754210,
      "name": "Pg3",
      "description": "",
      "org_id": 845309360,
      "org_name": "MyString",
      "address": "MyText",
      "min_age": 2,
      "max_age": 4,
      "city": null,
      "contact_email": null,
      "contact_name": "John Smith",
    }
  ]
}
```



```
"contact_phone": null,
"end_date": "2015-11-23",
"end_time": null,
"hidden_by": null,
"hide": false,
"hide_reason": null,
"latitude": 1.5,
"location_name": null,
"logo_url": null,
"longitude": 1.5,
"meeting_type": null,
"neighborhood": null,
"online_address": null,
"program_type": "program",
"program_url": null,
"price": 0,
"registration_deadline": "2015-11-12",
"registration_url": "MyString",
"scheduled_fri": null,
"scheduled_mon": null,
"scheduled_sat": null,
"scheduled_sun": null,
"scheduled_thurs": null,
"scheduled_tues": null,
"scheduled_wed": null,
"start_date": "2015-11-17",
"start_time": null,
"state": null,
"zipcode": null,
"created_at": "2015-11-09T04:57:16Z",
"updated_at": "2015-11-09T04:57:16Z"
},
{
  "id": 1060662067,
  "name": "Pg1",
  "description": "",
  "org_id": 845309360,
  "org_name": "oi.name",
  "address": "Chicago Public library",
  "min_age": 2,
  "max_age": 4,
  "city": null,
  "contact_email": "program@remixlearning.com",
  "contact_name": "John Smith",
  "contact_phone": null,
  "end_date": "2015-11-23",
  "end_time": null,
  "hidden_by": null,
  "hide": false,
  "hide_reason": null,
  "latitude": 1.5,
  "location_name": null,
  "logo_url": null,
  "longitude": 1.5,
  "meeting_type": null,
  "neighborhood": null,
  "online_address": null,
```



```
"program_type": "program",
"program_url": null,
"price": 0,
"registration_deadline": "2015-11-12",
"registration_url": "http://chicagopubliclibrary.com",
"scheduled_fri": null,
"scheduled_mon": null,
"scheduled_sat": null,
"scheduled_sun": null,
"scheduled_thurs": null,
"scheduled_tues": null,
"scheduled_wed": null,
"start_date": "2015-11-16",
"start_time": null,
"state": null,
"zipcode": null,
"created_at": "2015-11-09T04:57:16Z",
"updated_at": "2015-11-09T04:57:16Z"
},
{
  "id": 1060662070,
  "name": "tvArgEyyjvJojaGIjjLDWjrvxayanscQNoMAyrmlccExLD0i0G",
  "description": "This is the updated description",
  "org_id": 845309360,
  "org_name": "Org1",
  "address": "Wabash street",
  "min_age": 2,
  "max_age": 9,
  "city": "Chicago",
  "contact_email": "program_admin@remixlearning.com",
  "contact_name": "John Gotta",
  "contact_phone": "342332 234234 23423",
  "end_date": "2015-11-19",
  "end_time": "2000-01-01T05:02:43Z",
  "hidden_by": null,
  "hide": false,
  "hide_reason": null,
  "latitude": 41.7165,
  "location_name": "public library",
  "logo_url": null,
  "longitude": -87.6224,
  "meeting_type": null,
  "neighborhood": null,
  "online_address": null,
  "program_type": null,
  "program_url": null,
  "price": 0,
  "registration_deadline": "2015-11-11",
  "registration_url": "www.registerhere.com",
  "scheduled_fri": true,
  "scheduled_mon": true,
  "scheduled_sat": false,
  "scheduled_sun": true,
  "scheduled_thurs": false,
  "scheduled_tues": null,
  "scheduled_wed": true,
  "start_date": "2015-11-12",
```



```
    "start_time": "2000-01-01T02:02:43Z",
    "state": "IL",
    "zipcode": null,
    "created_at": "2015-11-09T05:02:43Z",
    "updated_at": "2015-11-09T05:02:43Z"
  }
],
"status": 200
}
```

Get Program Details

This action returns the metadata for the specified program id.

HTTP Method: GET

Required Payload Parameters: key

Request

GET /api/v1/orgs/:org_id/programs/:program_id.json

Response

```
{
  "errors": {},
  "metadata": {},
  "result": {
    "id": 1060662067,
    "name": "Pg1",
    "description": "",
    "org_id": 845309360,
    "org_name": "o1.name",
    "address": "Chicago Public library",
    "min_age": 2,
    "max_age": 4,
    "city": null,
    "contact_email": "program@remixlearning.com",
    "contact_name": "John Smith",
    "contact_phone": null,
    "end_date": "2015-11-23",
    "end_time": null,
    "hidden_by": null,
    "hide": false,
    "hide_reason": null,
    "latitude": 1.5,
    "location_name": null,
    "logo_url": null,
    "longitude": 1.5,
    "meeting_type": null,
    "neighborhood": null,
    "online_address": null,
    "program_type": "program",
    "program_url": null,
    "price": 0,
    "registration_deadline": "2015-11-12",
    "registration_url": "http://chicagopubliclibrary.com",
    "scheduled_fri": null,
  }
}
```



```
"scheduled_mon": null,
"scheduled_sat": null,
"scheduled_sun": null,
"scheduled_thurs": null,
"scheduled_tues": null,
"scheduled_wed": null,
"start_date": "2015-11-16",
"start_time": null,
"state": null,
"zipcode": null,
"created_at": "2015-11-09T04:57:16Z",
"updated_at": "2015-11-09T04:57:16Z",
"categories": [
  {
    "category": {
      "id": 819547023,
      "name": "Science",
      "description": "Trial and Error",
      "icon": null
    }
  }
],
"schedules": [],
"status": 200
}
```

List all Scheduled Programs

This action returns the collection of scheduled programs.

HTTP Method: GET

Required Payload Parameters: key

Request

GET /api/v1/orgs/:org_id/programs/:program_id/scheduled_programs.json

Response

```
{
  "errors": {},
  "metadata": {},
  "result": [
    {
      "id": 236857198,
      "name": "a",
      "description": "This is the p1 workshop",
      "org_id": 845309360,
      "org_name": null,
      "program_id": 1060662067,
      "latitude": null,
      "longitude": null,
      "level_id": null,
      "address": null,
    }
  ]
}
```



```
"min_age": 2,
"max_age": 4,
"city": null,
"contact_email": null,
"contact_name": null,
"contact_phone": null,
"end_date": null,
"end_time": null,
"extra_data": {},
"hidden_by": null,
"hide": false,
"hide_reason": null,
"location_name": null,
"meeting_type": "online",
"neighborhood": null,
"online_address": null,
"price": 0,
"program_type": "workshop",
"program_url": null,
"registration_deadline": null,
"registration_url": null,
"scheduled_fri": null,
"scheduled_mon": null,
"scheduled_sat": null,
"scheduled_sun": null,
"scheduled_thurs": null,
"scheduled_tues": null,
"scheduled_wed": null,
"start_date": "2015-11-14",
"start_time": null,
"state": null,
"zipcode": "MyString",
"created_at": "2015-11-09T04:57:16Z",
"updated_at": "2015-11-09T04:57:16Z",
"claim_code": null,
"logo_url":
"http://remixlearning.com/wp-content/themes/warm/img/logo_chicago.jpg",
"hidden": false,
"categories": [
  {
    "category": {
      "id": 819547023,
      "name": "Science",
      "description": "Trial and Error",
      "icon": null
    }
  }
],
"badges": [
  {
```



```
    "badge": {
      "id": 516246109,
      "name": "MyString",
      "description": "MyText",
      "informal_description": "MyText",
      "blurb": "MyText",
      "badge_type": "community",
      "image_url":
"http://remixlearning.com/wp-content/themes/warm/img/logo_chicago.jpg",
      "issue_count": 0,
      "publish_state": "draft"
    }
  ],
  "schedules": [],
},
{
  "id": 957945851,
  "name": "a",
  "description": "This is the p1 workshop",
  "org_id": 845309360,
  "org_name": null,
  "program_id": 1060662067,
  "latitude": null,
  "longitude": null,
  "level_id": null,
  "address": null,
  "min_age": 2,
  "max_age": 4,
  "city": null,
  "contact_email": null,
  "contact_name": null,
  "contact_phone": null,
  "end_date": null,
  "end_time": null,
  "extra_data": {},
  "hidden_by": null,
  "hide": false,
  "hide_reason": null,
  "location_name": null,
  "meeting_type": "online",
  "neighborhood": null,
  "online_address": null,
  "price": 0,
  "program_type": "event",
  "program_url": null,
  "registration_deadline": null,
  "registration_url": null,
  "scheduled_fri": null,
  "scheduled_mon": null,
```




```
"scheduled_sat": null,
"scheduled_sun": null,
"scheduled_thurs": null,
"scheduled_tues": null,
"scheduled_wed": null,
"start_date": "2015-11-14",
"start_time": null,
"state": null,
"zipcode": "MyString",
"created_at": "2015-11-09T04:57:16Z",
"updated_at": "2015-11-09T04:57:16Z",
"claim_code": null,
"logo_url":
"http://remixlearning.com/wp-content/themes/warm/img/logo_chicago.jpg",
"hidden": false,
"categories": [],
"badges": [],
"schedules": []
},
{
  "id": 957945855,
  "name": "riLQRHvKiIaSrGFFinRnswNfHMsheDJKFBDzBFsgyEmpjiwKKw",
  "description": "This is the updated description",
  "org_id": 845309360,
  "org_name": "Org1",
  "program_id": 1060662067,
  "latitude": null,
  "longitude": null,
  "level_id": null,
  "address": null,
  "min_age": 2,
  "max_age": 9,
  "city": null,
  "contact_email": "program_admin@remixlearning.com",
  "contact_name": "PA Barachus",
  "contact_phone": "342332 234234 23423",
  "end_date": "2015-11-19",
  "end_time": "2000-01-01T05:02:56Z",
  "extra_data": {},
  "hidden_by": null,
  "hide": false,
  "hide_reason": null,
  "location_name": "public library",
  "meeting_type": "online",
  "neighborhood": null,
  "online_address": "www.google.com",
  "price": 0,
  "program_type": "event",
  "program_url": null,
  "registration_deadline": "2015-11-11",
```



```
"registration_url": "www.registerhere.com",
"scheduled_fri": true,
"scheduled_mon": true,
"scheduled_sat": false,
"scheduled_sun": true,
"scheduled_thurs": false,
"scheduled_tues": null,
"scheduled_wed": true,
"start_date": "2015-11-12",
"start_time": "2000-01-01T02:02:56Z",
"state": null,
"zipcode": null,
"created_at": "2015-11-09T05:02:56Z",
"updated_at": "2015-11-09T05:02:56Z",
"claim_code": "PJT6K",
"logo_url":
"http://remixlearning.com/wp-content/themes/warm/img/logo_chicago.jpg",
"hidden": false,
"categories": [
  {
    "category": {
      "id": 132021022,
      "name": "Arts",
      "description": "Bring out the artist in you",
      "icon": null
    }
  },
  {
    "category": {
      "id": 517417634,
      "name": "Maths",
      "description": "A mathematical exploration",
      "icon": null
    }
  }
],
"badges": [],
"schedules": []
}
],
"status": 200
}
```

Get Scheduled Program Details

This action returns the metadata of the scheduled program id.

HTTP Method: GET

Required Payload Parameters: key



Request

GET /api/v1/orgs/:org_id/programs/:program_id/scheduled_programs/:id.json

Response

```
{
  "errors": {},
  "metadata": {},
  "result": {
    "id": 957945855,
    "name": "KvabmFPotDHCyNzALqTQXXjHE0JCyp",
    "description": "This is the updated description",
    "org_id": 845309360,
    "org_name": "Org1",
    "program_id": 1060662067,
    "latitude": null,
    "longitude": null,
    "level_id": null,
    "address": null,
    "min_age": 2,
    "max_age": 9,
    "city": null,
    "contact_email": "program_admin@remixlearning.com",
    "contact_name": "PA Barachus",
    "contact_phone": "342332 234234 23423",
    "end_date": "2015-11-19",
    "end_time": "2000-01-01T05:02:56Z",
    "extra_data": {},
    "hidden_by": null,
    "hide": false,
    "hide_reason": null,
    "location_name": "public library",
    "meeting_type": "online",
    "neighborhood": null,
    "online_address": "www.google.com",
    "price": 0,
    "program_type": "event",
    "program_url": null,
    "registration_deadline": "2015-11-11",
    "registration_url": "www.registerhere.com",
    "scheduled_fri": true,
    "scheduled_mon": true,
    "scheduled_sat": false,
    "scheduled_sun": true,
    "scheduled_thurs": false,
    "scheduled_tues": null,
    "scheduled_wed": true,
    "start_date": "2015-11-12",
    "start_time": "2000-01-01T02:02:56Z",
    "state": null,
    "zipcode": null,
    "created_at": "2015-11-09T05:02:56Z",
    "updated_at": "2015-11-09T05:02:58Z",
    "claim_code": "PJT6K",
    "logo_url": "http://remixlearning.com/wp-content/themes/warm/img/logo_chicago.jpg",
    "hidden": false,
    "categories": [
```



```
{
  "category": {
    "id": 132021022,
    "name": "Arts",
    "description": "Bring out the artist in you",
    "icon": null
  }
},
"badges": [],
"schedules": []
},
"status": 200
}
```

List Rostered Learners

This action returns the metadata of the scheduled program id.

HTTP Method: GET

Required Payload Parameters: key

Request

GET /api/v1/scheduled_programs/:scheduled_program_id/user_registrations.json

Response

```
{
  "errors": {},
  "metadata": {},
  "result": [
    {
      "id": 564947178,
      "link_type": "ScheduledProgram",
      "link_id": "387413722",
      "state": null,
      "user": {
        "id": 38772599,
        "username": "u1",
        "preset_avatar_url":
"http://cityoflearning-uploads.s3.amazonaws.com/preset_avatars/default.png",
        "full_name": "u1",
        "state": "unclaimed",
        "verified": "true",
        "link_type": "ScheduledProgram",
        "link_id": "2924",
        "Uuid": "f477f28f-654a-43e0-9420-1349f1949be8"
      },
      "badges": []
    }
  ],
  "status": 200
}
```



Document History

Change	Description	Release Date
Initial Version	This is the first release of the CCOL API documentation	Oct 1, 2014
Added Staging Details	Include the authorization url and the api endpoint on the staging environment.	Oct 31, 2014
BadgeKit Removal	Removed references to BadgeKit as it is no longer supported.	June 9, 2015
Badge by Username or E-mail	Added the ability to badge by username or email	Nov 17, 2015
Updated API Structure	Change the API from a singular endpoint to an object and action based endpoint. (RESTful)	Jun 9, 2016
Added Rostering List for Programs	Added the endpoint for get a list of registered learners for a scheduled program.	Jun 9, 2016