



FAST-START API FOR ADMINISTRATOR

ONLINE HELP: ELEAPSOFTWARE.COM/SUPPORT

VERSION 2.8
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Overview

The eLeaP API consists of a set of callable methods. To perform an action using the API, send a request to an API endpoint and a response will then be sent back to you. If you don't have an API account, [contact eLeaP](#) to register and activate your API account.

The request can either be GET or POST. We recommend you use POST requests.

The response you'll get will be a [JSON](#) encoded object.

Authentication

All requests to the API must contain the parameter `api_token`. You can get this key from your eLeaP account, if you are an administrator. You'll find the `api_token` in COMPANY PROFILE > API.

If you think the key has been compromised, you must reset it from COMPANY PROFILE > API > Reset API Key.

Methods

Users

List

ACTION:

– returns the list of users (trainees and instructors) from the company.

URL:

– `https://[company].2leap.com/api/users/` (*replace [company] with your 2leap subdomain*)

ARGUMENTS:

- api_token (Required)
- order (Optional, 'asc' or 'desc')
- custom_fields (optional, JSON format: {"Department": "Sales", "Location": "New York"})

Get

ACTION:

- returns the details for a user from the company (trainee or instructor).

URL:

- [https://\[company\].2leap.com/api/users/get](https://[company].2leap.com/api/users/get) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- email (Required)

Find

ACTION:

- returns the details for a user from the company (trainee or instructor) using the leap internal id. The id can be found in the user list or with the "get" method.

URL:

- [https://\[company\].2leap.com/api/users/find](https://[company].2leap.com/api/users/find) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required)

Add

ACTION:

- inserts a new user

URL:

- [https://\[company\].2leap.com/api/users/add](https://[company].2leap.com/api/users/add) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- first_name (Required)
- middle_name
- last_name (Required)
- email (Required)
- access_level ('1' for instructors, '0' for trainees, '2' for supervisors. If missing, '0' is assumed.)
- description
- silent (optional, if set to 1 no activation email will be sent to user)
- custom_fields (optional, JSON format: {"Department":"Sales","Location":"New York"})

Edit**ACTION:**

- updates information for an existing user (trainee or instructor)

URL:

- [https://\[company\].2leap.com/api/users/edit](https://[company].2leap.com/api/users/edit) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- first_name (Required)
- middle_name
- last_name (Required)
- email (Required)
- access_level ('1' for instructors, '0' for trainees, '2' for supervisors. If missing, '0' is assumed.)
- description
- custom_fields (optional, JSON format: {"Department":"Sales","Location":"New York"})

Reset Password**ACTION:**

- resets the password for a user and sends him/her an email with the new password.

URL:

- [https://\[company\].2leap.com/api/users/reset_password](https://[company].2leap.com/api/users/reset_password) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)

- email (Required)
- password (optional) – if not present a system generated password is set. For GET requests use alphanumeric strings.
- silent (optional, if set to 1 no assignment email will be sent to user)

Remove

ACTION:

- removes an existing user (trainee or instructor)

URL:

- [https://\[company\].2leap.com/api/users/remove](https://[company].2leap.com/api/users/remove) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- email (Required)

Activate

ACTION:

- activate an existing user (trainee or instructor)

URL:

- [https://\[company\].2leap.com/api/users/activate](https://[company].2leap.com/api/users/activate) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- email (Required)

Deactivate

ACTION:

- deactivate an existing user (trainee or instructor)

URL:

- [https://\[company\].2leap.com/api/users/deactivate](https://[company].2leap.com/api/users/deactivate) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- email (Required)

Recent Completions

ACTION:

– see the completed courses in the last 24 hours

URL:

– [https://\[company\].2leap.com/api/users/recent_completions](https://[company].2leap.com/api/users/recent_completions) (replace [company] with your 2leap subdomain)

ARGUMENTS:

– api_token (Required)

Export Activity

ACTION:

– Export activity for all users (Response will contain a temporary URL to an export file)

URL:

– [https://\[company\].2leap.com/api/users/export_activity](https://[company].2leap.com/api/users/export_activity) (replace [company] with your 2leap subdomain)

ARGUMENTS:

– api_token (Required)

Activity

ACTION:

– see completion status an existing user (trainee or instructor)

URL:

– [https://\[company\].2leap.com/api/users/activity](https://[company].2leap.com/api/users/activity) (replace [company] with your 2leap subdomain)

ARGUMENTS:

– api_token (Required)

– id (Required)

– id_course (Required)

Regenerate Activity

ACTION:

– schedules a fresh activity report. (works only if previous report is at least 5 hours old)

URL:

– https://[company].2leap.com/api/users/regenerate_activity (replace [company] with your 2leap subdomain)

ARGUMENTS:

– api_token (Required)

Export Certificate**ACTION:**

– Export certificate for a user assigned to a course (Response will contain a temporary URL to a certificate file)

URL:

– https://[company].2leap.com/api/users/export_certificate (replace [company] with your 2leap subdomain)

ARGUMENTS:

– api_token (Required)

– id (Required)

– id_course (Required)

Custom Fields**ACTION:**

– returns the name of the custom fields, if the company has any.

URL:

– https://[company].2leap.com/api/users/custom_fields (replace [company] with your 2leap subdomain)

ARGUMENTS:

– api_token (Required)

User Groups**List****ACTION:**

– returns the list of user groups from the company.

URL:

– https://[company].2leap.com/api/usergroups/ (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- order (Optional, 'asc' or 'desc')

Find**ACTION:**

- returns the details for an user group from the company using the eleap internal id. The id can be found with the user group list method.

URL:

- https://[company].2leap.com/api/usergroups/find (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required)

AssignedUsers**ACTION:**

- returns the list of users assigned to a usergroup.

URL:

- https://[company].2leap.com/api/usergroups/assigned_users (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required)

Add**ACTION:**

- inserts a new user group
- the ID of the new group will be available in the successful response

URL:

- https://[company].2leap.com/api/usergroups/add (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- name (Required)
- description
- active(1 for yes, 0 for no, if missing 0 is assumed)

Edit

ACTION:

– updates information for an existing user group

URL:

– [https://\[company\].2leap.com/api/usergroups/edit](https://[company].2leap.com/api/usergroups/edit) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required)
- name (Required)
- description
- active (1 for yes, 0 for no, if missing remains unchanged)

Remove

ACTION:

– removes an existing user group

URL:

– [https://\[company\].2leap.com/api/usergroups/remove](https://[company].2leap.com/api/usergroups/remove) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required)

AssignUser

ACTION:

– assigns an user to an existing user group

URL:

– [https://\[company\].2leap.com/api/usergroups/assign_user](https://[company].2leap.com/api/usergroups/assign_user) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required – the id of the group)
- id_user (Required)

UnassignUser

ACTION:

– unassigns a user from an existing user group

URL:

– [https://\[company\].2leap.com/api/usergroups/unassign_user](https://[company].2leap.com/api/usergroups/unassign_user) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required
- the id of the group)
- id_user (Required)

Training Paths (previously Career Paths)

List

ACTION:

– returns the list of Training Paths in the company.

URL:

– [https://\[company\].2leap.com/api/career_paths/](https://[company].2leap.com/api/career_paths/) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- order (Optional, 'asc' or 'desc')

AssignedUsers

ACTION:

– returns the list of users assigned to a Training Path

URL:

– [https://\[company\].2leap.com/api/career_paths/assigned_users](https://[company].2leap.com/api/career_paths/assigned_users) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required)

AssignedUserGroups

ACTION:

– returns the list of user groups assigned to a Training Path.

URL:

– [https://\[company\].2leap.com/api/career_paths/assigned_user_groups](https://[company].2leap.com/api/career_paths/assigned_user_groups) (replace [company] with your 2leap subdomain)

ARGUMENTS:

– api_token (Required)
– id (Required)

AssignedCourses

ACTION:

– returns the list of courses assigned to a Training Path.

URL:

– [https://\[company\].2leap.com/api/career_paths/assigned_courses](https://[company].2leap.com/api/career_paths/assigned_courses) (replace [company] with your 2leap subdomain)

ARGUMENTS:

– api_token (Required)
– id (Required)

Find

ACTION:

– returns the details for an career path from the company using the eleap internal id. The id can be found with the Training Path list method.

URL:

– [https://\[company\].2leap.com/api/career_paths/find](https://[company].2leap.com/api/career_paths/find) (replace [company] with your 2leap subdomain)

ARGUMENTS:

– api_token (Required)
– id (Required)

Add

ACTION:

– inserts a new Training Path
– the ID of the new Training Path will be available in the successful response

URL:

– https://[company].2leap.com/api/career_paths/add (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- name (Required)
- description
- active(1 for yes, 0 for no, if missing 0 is assumed)
- order_preset(1 for yes, 0 for no, if missing 0 is assumed)
- self_enrollment(1 for yes, 0 for no, if missing 0 is assumed)

Edit**ACTION:**

– updates information for an existing Training Path

URL:

– https://[company].2leap.com/api/career_paths/edit (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required)
- name (Required)
- description
- active(1 for yes, 0 for no, if missing 0 is assumed)
- order_preset(1 for yes, 0 for no, if missing 0 is assumed)
- self_enrollment(1 for yes, 0 for no, if missing 0 is assumed)

Remove**ACTION:**

– removes an existing Training Path

URL:

– https://[company].2leap.com/api/career_paths/remove (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required)

AssignUser

ACTION:

– assigns an user to an existing Training Path

URL:

– [https://\[company\].2leap.com/api/career_paths/assign_user](https://[company].2leap.com/api/career_paths/assign_user) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required – the id of the group)
- id_user (Required)
- silent (optional, if set to 1 no assignment email will be sent to user)

UnassignUser

ACTION:

– unassigns a user from an existing Training Path

URL:

– [https://\[company\].2leap.com/api/career_paths/unassign_user](https://[company].2leap.com/api/career_paths/unassign_user) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required – the id of the group)
- id_user (Required)

AssignUserGroup

ACTION:

– assigns a user group to an existing Training Path

URL:

– [https://\[company\].2leap.com/api/career_paths/assign_user_group](https://[company].2leap.com/api/career_paths/assign_user_group) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required – the id of the group)
- id_usergroup (Required)
- silent (optional, if set to 1 no assignment email will be sent to user)

UnassignUserGroup

ACTION:

– unassigns a user group from an existing Training Path

URL:

– [https://\[company\].2leap.com/api/career_paths/unassign_user_group](https://[company].2leap.com/api/career_paths/unassign_user_group) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required – the id of the group)
- id_usergroup (Required)

AssignCourse

ACTION:

– assigns a course to an existing Training Path

URL:

– [https://\[company\].2leap.com/api/career_paths/assign_course](https://[company].2leap.com/api/career_paths/assign_course) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required – the id of the group)
- id_course (Required)
- silent (optional, if set to 1 no assignment email will be sent to user)

UnassignCourse

ACTION:

– unassigns a course from an existing Training Path

URL:

– [https://\[company\].2leap.com/api/career_paths/unassign_course](https://[company].2leap.com/api/career_paths/unassign_course) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required – the id of the group)
- id_course (Required)
- silent (optional, if set to 1 no assignment email will be sent to user)

Courses

List

ACTION:

– returns the list of courses from the company.

URL:

– [https://\[company\].2leap.com/api/courses/](https://[company].2leap.com/api/courses/) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- order (Optional, 'asc' or 'desc')

AssignedUsers

ACTION:

– returns the list of users assigned to a course.

URL:

– [https://\[company\].2leap.com/api/courses/assigned_users](https://[company].2leap.com/api/courses/assigned_users) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required)

AssignedUserGroups

ACTION:

– returns the list of user groups assigned to a course.

URL:

– [https://\[company\].2leap.com/api/courses/assigned_user_groups](https://[company].2leap.com/api/courses/assigned_user_groups) (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required)

Find

ACTION:

– returns the details for a course from the company using the eleap internal id. The id can be found with the course list method.

URL:

– https://[company].2leap.com/api/courses/find (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required)

AssignUser**ACTION:**

– assigns an user to an existing course

URL:

– https://[company].2leap.com/api/courses/assign_user (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required – the id of the course)
- id_user (Required)
- silent (optional, if set to 1 no assignment email will be sent to user)

UnassignUser**ACTION:**

– unassigns an user from an existing course

URL:

– https://[company].2leap.com/api/courses/unassign_user (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required – the id of the course)
- id_user (Required)

AssignUserGroup**ACTION:**

– assigns an user group to an existing course

URL:

– https://[company].2leap.com/api/courses/assign_user_group (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required – the id of the group)
- id_usergroup (Required)
- silent (optional, if set to 1 no assignment email will be sent to user)

UnassignUserGroup**ACTION:**

- unassigns an user group from an existing course

URL:

- https://[company].2leap.com/api/courses/unassign_user_group (replace [company] with your 2leap subdomain)

ARGUMENTS:

- api_token (Required)
- id (Required – the id of the group)
- id_usergroup (Required)

Error codes

401: Request missing api token
'api_token' argument is missing or is empty

4011: Invalid API Key
'api_token' argument exists but is incorrect

403: You don't have permission for this resource
The resource you're requesting is not accessible through API. Same error is triggered if the subdomain and the api_token don't match.

404: Invalid API call
The URL is incorrect

4040: Custom message
Usually used when sent data fails validation. This typically gives custom errors returned by the eLeaP system.

4041: Requested item(s) not found
There is no data to return (response is empty).

API requests limits

API requests are put in a queue and solved as they are requested. There's an hourly limit of 2500 requests. If you hit the hourly limit, you will receive a 429 "too many connections" status alert.

Message examples

Success message after add/edit/remove:

```
"response":{"status":"success","code":"200","message":"OK"}}
```

User list:

```
{"response":{"status":"success","code":"200","message":"OK"},"users":[{"access_level":0,"first_name":"John","middle_name":"","last_name":"Doe","email":"jojn.doe@example.com","description":"Lorem ipsum dolor sit amet","created":"2011-01-31 09:41:30"}, {"access_level":1,"first_name":"Lorem","middle_name":"Ipsum","last_name":"Dolor","email":"lorem@example.com","description":"test","created":"2010-11-11 00:00:00"}]}
```

Single user:

```
{"response":{"status":"success","code":"200","message":"OK"},"user":{"access_level":1,"first_name":"Lorem","middle_name":"Ipsum","last_name":"Dolor","email":"victoras@gmail.com","description":"TEST","created":"2010-11-11 00:00:00"}}
```

API token is wrong:

```
{"response":{"status":"fail","message":"Invalid API Key","code":4011}}
```

Custom error message:

```
{"response":{"status":"fail","message":"Cannot add users. Account limits reached","code":4040}}
```