

# CINEMA DRIVE - API V1 DOCUMENTATION

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## General

### Authorization Token

All API calls require an authorization HTTP header with a valid token (retrieved by authenticating with the API). The HTTP header should have the following format:

```
Authorization: Token token="<valid-access-token>"
```

Each use of a token, postpones its expiry by 1 additional hour.

### Response Status Codes

The API responds with a different HTTP status code to indicate the status of an issued request.

A successful request may be responded with the following status codes:

- **200** - OK
- **201** - Record Created

A failed request may be responded with the following status codes:

- **400** - Bad Request
- **401** - Unauthorized
- **403** - Forbidden
- **404** - Not Found
- **422** - Unprocessable Entity
- **500** - Internal Server Error

To be sure, any request that is responded with a status code which is not 200 or 201 should be considered as failed.

### Successful Response Layout

The body of all responses will be formatted as JSON.

A successful response has the following parts:

- **data** – a JSON object with the response specific to the issued request (exists only when not empty)
- **score** – a JSON object with information about a user's score update occurred by the last request (exists only when not empty)

Example:

```
{
  "data": {
    "access_token": "1234567890abcdefghijklmnopqrstuvwxyz"
  },
  "score": {
    "current": 3000,
    "updates": [
      {
        "action": "survey_answer",
        "points": 1000
      }
    ]
  }
}
```

```
    ]  
  }  
}
```

Note that below when writing that a certain request returns an empty response, that means that the "data" part is empty or missing, but the "score" part may still be present.

## Error Response Layout

A failed response has the following parts:

- **error\_code** - a string key identifying the error type
- **message** - a human readable text identifying the error type
- **data** - a JSON object with data about the specific error (exists only when not empty)

Example:

```
{  
  "error_code": "missing_parameter",  
  "message": "Missing Parameter",  
  "data": {  
    "email": "parameter is required"  
  }  
}
```

Possible error codes are:

- **not\_authenticated** – a valid authorization token header is missing
- **not\_found** – the requested URL was not found
- **access\_denied** – access to the requested URL is not allowed to the current user
- **incomplete\_registration** -user's registration is incomplete
- **unprocessable\_entity** - may have specific details under the "data" object
- **missing\_parameter** - will have specific details under the "data" object as in the example above

In addition, each API action may have its own specific error codes.

## Authentication - Login & Logout

### [POST] /api/sessions – Login via Email & Password

*Parameters:*

- **email** – a valid user's email
- **password** – the user's password

*Response:*

An access token that should be used with all further requests (see "General – Authorization Token" Authorization Token)

```
{  
  "data": {  
    "access_token": "1234567890abcdefghijklmnopqrstuvwxyz"  
  }  
}
```

```
}
```

*Possible specific errors keys:*

- **invalid\_login\_credentials**

### **[POST] /api/auth/facebook/callback – Login via Facebook**

*Parameters:*

- **access\_token** – the access token received after a successful login with Facebook on the client side.

*Response:*

An access token that should be used with all further requests (see "General – Authorization Token" Authorization Token)

```
{
  "data": {
    "access_token": "1234567890abcdefghijklmnopqrstuvwxyz"
  }
}
```

*Possible specific errors keys:*

- **invalid\_facebook\_access\_token** – the given "access\_token" parameter is invalid.
- **missing\_facebook\_email** – client side login to facebook must use the "email" scope to allow the server access to the user's email on facebook.

### **[DELETE] /api/sessions – Logout**

*Parameters:*

None other than the authorization token in the header.

*Response:*

Empty data

## **Account Registration & Data**

### **[POST] /api/registrations – Register a new user account with email & password**

*Parameters:*

- **email** – user's email
- **password** – user's password
- **first\_name** – user's first name
- **last\_name** – user's last name
- **birth\_date** – user's birth date
- **gender** – male / female
- **age** – user's age
- **reg\_code** – a valid group registration code
- **tos\_accepted** – "true" if user accepted the terms of service

*Response:*

The created user's details:Authorization Token

```
{
  data: {
    email: "test@test.com",
    first_name: "aaa",
    last_name: "bbb",
    birth_date: null,
    gender: "male",
    age: "16",
    tos_accepted: true,
    group_name: "My Group"
  }
}
```

*Possible specific errors keys:*

- **unprocessable\_entity** – will have a detailed explanation of missing parameters, for example:

```
{
  error_code: "unprocessable_entity"
  message: "Unprocessable Entity"
  data: {
    first_name: [
      "can't be blank"
    ],
    last_name: [
      "can't be blank"
    ],
    tos_accepted: [
      "must be accepted"
    ],
    reg_code: [
      "is invalid"
    ],
    email: [
      "can't be blank"
    ],
    password: [
      "is too short (minimum is 8 characters)"
    ]
  }
}
```

**[GET] /api/registrations/current** – Get data about the current logged in user account

*Response:*

The same Response as after registration with "[POST] /api/registrations".

**[POST] /api/auth/facebook/callback** – Register a new user account via Facebook

*Parameters:*

- **access\_token** – the access token received after a successful login with Facebook on the client side.
- **reg\_code** – a valid group registration code
- **tos\_accepted** – should have a value of "true" to indicate that the user has accepted our terms of service

*Response:*

An access token that should be used with all further requests (see "General – Authorization Token" Authorization Token)

```
{
  "data": {
    "access_token": "1234567890abcdefghijklmnopqrstuvwxyz"
  }
}
```

*Possible specific errors keys:*

- **invalid\_facebook\_access\_token** – the given "access\_token" parameter is invalid.
- **missing\_facebook\_email** – client side login to facebook must use the "email" scope to allow the server access to the user's email on facebook.

## [POST] /api/registration\_codes/verify – Check validity of a registration code

*Parameters:*

- **reg\_code** – a group registration code

*Response:*

An empty response (with status code 200) will be returned on success:

```
{}
```

*Possible specific errors keys:*

- **unprocessable\_entity** – when the given code is not valid, for example:

```
{
  "error_code": "unprocessable_entity",
  "message": "Unprocessable Entity",
  "data": {
    "reg_code": "is invalid"
  }
}
```

## Password Reset

### [POST] /api/password – Request password reset

*Parameters:*

- **email** – the user's email

*Response:*

The response body will be empty, but an email with a password reset token will be sent to the user.

### [PUT] /api/password – Change password using reset token

*Parameters:*

- **reset\_password\_token** – the token received by email
- **password** – the new password

*Response:*

Empty data

## Interactive Videos

### [GET] /api/interactive\_videos/ - get a list of available videos

*Parameters:*

None

*Response:*

A list of videos, with their different attributes and pre/post surveys.

For example, a response with 2 videos, one that has a pre & post surveys and another that has none:

```
{
  "data": [
    {
      "id": 1,
      "name": "Interactive video 1",
      "description": "This is the first interactive video",
      "content": "<xml-content-for-flash-player>",
      "content_mobile": "<xml-content-for-mobile-player>",
      "surveys": {
        "pre_survey": {
          "id": 1,
          "url": "http://localhost:3000/api/surveys/1"
        },
        "post_survey": {
          "id": 2,
          "url": "http://localhost:3000/api/surveys/2"
        }
      },
      "enabled": true,
      "watched": true,
      "available_at": 2286028080,
      "url": "http://localhost:3000/api/interactive_videos/1"
    },
    {
      "id": 3,
      "name": "Interactive video 3",
```



```

        "description": "",
        "enabled": false,
        "watched": false,
        "available_at": 2286634140,
        "url": "http://localhost:3000/api/interactive_videos/3"
    }
]
}

```

Note the following important attributes:

- **enabled** – indicates whether the video is currently enabled for signed in user.
- **watched** – indicates whether the video was previously watched by the user.
- **available\_at** – a unix timestamp indicating the time of availability for the video (may still be disabled for the user if hasn't watched previous videos).
- **url** – for a video or survey, give the API URL for its details.
- **content / content\_mobile** – will only be included if the video is currently enabled for the user.

**[GET] /api/interactive\_videos/:id** – get a specific video by its ID

*Parameters:*

- **id** – part of the URL – the ID of the required interactive video

*Response:*

The same response as for each video in the list given by "[GET] /api/interactive\_videos".

*Possible specific errors keys:*

- **missing\_pre\_survey** – a survey has to be answered before getting access to the interactive video.

**[POST] /api/interactive\_videos/:id/done** – indicate that the user finished watching a video

*Parameters:*

- **id** – part of the URL – the ID of the required interactive video

*Response:*

Empty data

*Possible specific errors keys:*

- **missing\_post\_survey** – a survey has to be answered before setting the video as watched.

## Surveys

**[GET] /api/surveys/:id** – get a specific survey by its ID

*Parameters:*

- **id** – part of the URL – the ID of the required survey

*Response:*

The required survey that includes a list of questions and their answers.

```
{
  "data": {
    "id": 1,
    "name": "A sample survey",
    "questions": [
      {
        "id": 6,
        "number": 1,
        "name": "What's up",
        "question": "What's up ?",
        "answers": [
          {
            "number": 1,
            "answer": "good"
          },
          {
            "number": 2,
            "answer": "bad"
          }
        ]
      },
      {
        "id": 3,
        "number": 2,
        "name": "Day of the week",
        "question": "What day is it today ?",
        "answers": [
          {
            "number": 1,
            "answer": "Sunday"
          },
          {
            "number": 2,
            "answer": "Monday"
          },
          {
            "number": 3,
            "answer": "Tuesday"
          }
        ]
      }
    ]
  }
}
```

Note the following important attributes:

- Each **question** has an **ID** that should be used when posting answers for the survey.
- Each **question** has a **number** that should be used to order the questions in the survey.
- Each **answer** has a **number** that should be used when posting answers for the survey.

**[POST] /api/surveys/:id/answers** – post answers for a survey

*Parameters:*

- **id** – part of the URL – the ID of the required survey
- **answers** – an array of answers, each with a question ID and answer number, for example:

```
{
  "answers": [
    {"question_id": "1", "answer_number": "2"},
    {"question_id": "2", "answer_number": "4"}
  ]
}
```

*Response:*

Empty data

*Possible specific errors keys:*

- **unprocessable\_entity** – will have a detailed explanation of missing parameters, for example:

```
{
  "error_code": "unprocessable_entity",
  "message": "Unprocessable Entity",
  "data": [
    {
      "question_id": 55,
      "errors": [
        "Question is invalid"
      ]
    },
    {
      "question_id": 2,
      "errors": [
        "Answer number is invalid",
        "Question is invalid"
      ]
    },
    {
      "question_id": 1,
      "errors": [
        "Question is missing"
      ]
    }
  ]
}
```

The data object is an array, in which each objects includes a question\_id parameter, and an "errors" array of errors regarding that question.

## Scores

**[GET] /api/scores** – get the score of the current user and its group

*Parameters:*

None

*Response:*

The current score of the user and its group:

```
{
  "data": {
    "score": 2000,
    "group_score": 64887
  }
}
```

*Possible specific errors keys:*

None

## Score updates

As already stated, some API requests give additional score points to the user. In that case, the returned response will include a "score" part that looks like this:

```
{
  "score": {
    "current": 3000,
    "updates": [
      {
        "action": "survey_answer",
        "points": 1000
      }
    ]
  }
}
```

The following attributes should be explained:

- **current** – the current updated score of the user
- **updates** – an array of actions that caused a gain of points, and the amount of points that was added for that action.

The above example shows that user has a score of 3000 and that in the last request, the user gained 1000 points for answering a survey.

## Campaigns

**[GET] /api/campaigns/current** – get the current campaign

*Parameters:*

None

*Response:*

The current campaign for the signed in user:

```
{
  data: {
    id: 3,
    name: "Test campaign",
    trophy_name: "Name of trophy",
    landing_page: http://www.link-to-landing-page.com,
    banner_image: http://www.link-to-image.com
  }
}
```

*Possible specific errors keys:*

None

**[GET] /api/campaigns/:id/click** – indicates a click on the campaign with the given ID

*Parameters:*

- **id** – part of the URL – the ID of the clicked campaign.

*Response:*

Empty data

*Possible specific errors keys:*

None

## Invites

**[POST] /api/invites** – invite another person to the site

*Parameters:*

- **email** – the email of the person to invite
- **message** – a message to send as the invitation's email body
- **friend\_type** – a string indicating the type of friend

*Response:*

Empty data, but an invitation email will be sent to the required person.

## Interactive Video Choices

Not yet implemented