



Advocu API Docs

Need help with setting up the connection?

Please email us at support@advocu.com

This document describes how to authenticate to the Advocu API, and how to access API endpoints.

Before you start

1. Make sure that your community exists in *app.advocu.com*
2. Request API access by sending an e-mail to support@advocu.com and providing your community name.
3. Advocu Team will create dedicated OAuth credentials connected to your Community Space in Advocu.

You will receive: ***client-id***, ***client-secret***, ***community-slug***, **authentication-endpoint** that are required for authentication, as well as **api-url** that allows you to get your data.

Authentication

Authentication with Advocu API is done via OAuth, with **Client Credentials flow** as described in [Client Credentials specification](#).

Request access token

Send POST request with body as follows:

None

```
POST https://{authentication-endpoint}
Content-Type: application/x-www-form-urlencoded

grant_type=client_credentials&client_id={client-id}&client_secret={client-secret}
```

In response, you will receive an access token:

JavaScript

```
{
  "access_token": "access-token",
  "expires_in": 300,
  "refresh_expires_in": 0,
  "token_type": "Bearer",
  "not-before-policy": 0,
  "scope": "profile email"
}
```

Authenticate to API endpoints

Use **access-token** received in authentication process:

None

```
GET {api-url}/api/v1/{community-slug}/some-uri-here
Content-Type: application/json
Authorization: Bearer {access-token}
```

Rate limits

The API accepts 1000 requests in 60 seconds. After limit is reached, the client is blocked for 60 seconds.

API Endpoints

To access API endpoints, use the provided **api-url**, and **community-slug** that is an identifier for your community.

Data types

- **DateString** : All dates, used both as endpoint parameters and returned data, are typed as a **DateString** and are represented as **Strings** in UTC format e.g. `2023-01-03T00:00:00Z`.

Activities API

Get all activities from community

None

GET

```
{api-url}/api/v1/{community-slug}/activities?from=2023-01-03T00:00:00Z&to=2023-01-06T00:00:00Z&page=0&size=50&updatedAfter=2023-01-06T00:00:00Z
```

Content-Type: application/json

Authorization: Bearer {access-token}

Request parameters:

- **from**: DateString - optional, compared with submission date inclusively
- **to**: DateString - optional, compared with submission date exclusively
- **page**: Int - optional, default 0
- **size**: Int - optional, default 10, max 100
- **updatedAfter**: DateString - optional, filters activities updated after provided date

Response:

Returns list of activities, sorted by submission date in descending order.

Pagination — currently we do not return the total number of pages or total number of activities. If you receive an empty **content** array, it means that there are no more activities.

Each activity contains a set of predefined properties and a set of custom properties specified for activity type. Advocu team will send you a list of custom properties of demand or you can just execute request and check it on your own.

Example response:

JavaScript

```
[
  {
    "type": "String",
    "reporter": {
      "userId": "String",
      "email": "String",
      "firstName": "String",
      "lastName": "String",
    },
    "data": {
      "title": "String",
      "description": "String",
      "metrics": {
        "customMetric": "Number",
      },
      "customProperty": "some-value | optional",
    },
    "submissionDate": "DateString",
    "updatedAt": "DateString",
    "activityId": "String",
  },
]
```

Invitations API

Get all user invitations from community

None

GET

{api-url}/api/v1/{community-slug}/invitations?page=0&size=50

Content-Type: application/json

Authorization: Bearer **{access-token}**

Request parameters:

- **page**: Int - optional, default 0
- **size**: Int - optional, default 10, max 100

Response:

Returns list of user invitations, sorted by **invitationDate** in ascending order.

Example response:

```
JavaScript
{
  "content": [
    {
      "email": "String",
      "invitationDate": "DateString",
      "roles": ["String"],
      "tags": ["String"] | optional
    }
  ]
}
```

Users API

Get all users from community

None

```
GET {api-url}/api/v1/{community-slug}/users?page=0&size=50
Content-Type: application/json
Authorization: Bearer {access-token}
```

Request parameters:

- **page:** Int - optional, default 0
- **size:** Int - optional, default 10, max 100

Response:

Returns list of users, sorted by **lastName** and **firstName** in ascending order.

Example response:

```
JavaScript
{
  "content": [
    {
      "email": "String",
      "firstName": "String",
      "lastName": "String",
    }
  ]
}
```

```
        "avatar": "String | optional",
        "userId": "String",
        "roles": ["String"]
      }
    ]
  }
```

Members API

Get all members profiles from community

```
None
GET
{api-url}/api/v1/{community-slug}/member-profiles?page=0&size=
50
Content-Type: application/json
Authorization: Bearer {access-token}
```

Request parameters:

- **page:** Int - optional, default 0
- **size:** Int - optional, default 10, max 100

Response:

Returns list of member profiles, sorted by last name and first name in ascending order.

Pagination — currently we do not return the total number of pages or total number of members. If you receive an empty **content** array, it means that there are no more members.

Each profile contains a set of predefined properties and a set of custom properties specified for your community. Advocu team will send you a list of custom properties of demand or you can just execute request and check it on your own.

Example response:

```
JavaScript
{
  "content": [
```

```

{
  "userId": "String",
  "email": "String",
  "firstName": "String",
  "lastName": "String",
  "country": "String",
  "countryIso": "String",
  "memberSince": "DateString",
  "offboardDate": "DateString | optional",
  "tags": ["String"],
  "socials": {
    "github": "String | optional",
    "stackoverflow": "String | optional",
    "twitter": "String | optional",
    "youtube": "String | optional",
    "linkedin": "String | optional",
    "medium": "String | optional",
    "telegram": "String | optional",
    "website": "String | optional",
    "customSocial": "String | optional"
  },
  "customProperty": "some-value | optional"
}
]
}

```

Note that:

- **memberSince** - date string in UTC format (e.g. `2022-01-15T10:00:00Z`), specifying when user became a Member in Advocu
- **offboardDate** - **optional**, date string in UTC format (e.g. `2023-01-15T12:00:00Z`), specifying when the user has been deactivated. If it does not exist the user is active
- **socials** - **optional** object that contains links to social profiles. Each link in this object is also optional. . Each community can provide additional social media links, they'll be also returned as key-value property like others, like **customSocial**.

- **socials** and **customProperty** will not be returned for a user who was invited to the community unless the user provides this data in his Advocu member profile.

Member Events History API

Get dates when user obtained or lost Member role

```
None
GET
{api-url}/api/v1/{community-slug}/member-profiles/{user-id}/history
Content-Type: application/json
Authorization: Bearer {access-token}
```

Path variable:

- **user-id**: requested user id, received from Applications API, Members API or Activities API

Response:

Returns list of events for user with **user-id**, specifying when user obtained or lost Member role. Events are sorted by date in ascending order.

Example response:

```
JavaScript
[
  {
    "type": "MEMBER_ROLE_ADD",
    "date": "DateString",
  },
  {
    "type": "MEMBER_ROLE_REMOVE",
    "date": "DateString",
  }
]
```

Note that:

- **date** - date string in UTC format (e.g. **2022-01-15T10:00:00Z**), specifying event date

- **type** - There are two possible event types: `MEMBER_ROLE_ADD` and `MEMBER_ROLE_REMOVE`

Members Events History API

Get dates when community users obtained or lost Member role

None

```
GET {api-url}/api/v1/{community-slug}/member-profiles/history
Content-Type: application/json
Authorization: Bearer {access-token}
```

Request parameters:

- **updatedAfter**: `DateTime` - optional, date string in UTC format (e.g. `2022-01-15T10:00:00Z`), filters role change events created after provided date
- **page**: `int` - optional, default 0
- **size**: `int` - optional, default 10, max 100

Response:

Returns list of events for community users, specifying when user obtained or lost Member role. Events are sorted by date in ascending order.

Pagination — currently we do not return the total number of pages or total number of role change events. If you receive an empty **content** array, it means that there are no more events.

Example response:

JavaScript

```
[
  {
    "userId": "some-user-id",
    "type": "MEMBER_ROLE_ADD",
    "date": "DateTime",
  },
  {
    "userId": "some-user-id",
    "type": "MEMBER_ROLE_REMOVE",
    "date": "DateTime",
  }
]
```

```
}  
]
```

Note that:

- **date** - date string in UTC format (e.g. `2022-01-15T10:00:00Z`), specifying event date
- **type** - There are two possible event types: `MEMBER_ROLE_ADD` and `MEMBER_ROLE_REMOVE`

Applications API

Get all applications from community

None

GET

`{api-url}/api/v1/{community-slug}/applications?from=2023-01-03T00:00:00Z&to=2023-01-06T00:00:00Z&page=0&size=50&allowedToReapply=false`

Content-Type: application/json

Authorization: Bearer `{access-token}`

Request parameters:

- **from**: DateTime - optional, compared with submission date inclusively
- **to**: DateTime - optional, compared with submission date exclusively
- **page**: Int - optional, default 0
- **size**: Int - optional, default 10, max 100
- **allowedToReapply**: Boolean - optional, filters applications where the “allowed to reapply” flag is set to the specified value (`true` or `false`)

Response:

Returns a list of applications, sorted by submission date in descending order.

Pagination — currently we do not return the total number of pages or total number of applications. If you receive an empty **content** array, it means that there are no more applications.

Each application contains a set of predefined properties and a set of custom properties specified for your community. Advocu team will send you a list of custom properties of demand or you can just execute request and check it on your own.

Example response:

JavaScript

```
{
  "content": [
    {
      "userId": "String",
      "submissionDate": "DateString",
      "data": {
        "firstName": "String",
        "lastName": "String",
        "email": "String",
        "country": "String",
        "socials": {
          "github": "String | optional",
          "stackoverflow": "String | optional",
          "twitter": "String | optional",
          "youtube": "String | optional",
          "linkedin": "String | optional",
          "medium": "String | optional",
          "telegram": "String | optional",
          "website": "String | optional",
          "customSocial": "String | optional"
        },
        "customProperty": "some-value | optional"
      },
      "allowedToReapply": "Boolean"
    }
  ]
}
```

Note that:

- **submissionDate** - date string in UTC format (e.g. **2022-01-15T10:00:00Z**), specifying when application has been submitted by Applicant
- **socials** - **optional** object that contains links to social profiles. Each link in this object is also optional. Each community can provide additional social media links, they'll be also returned as key-value property like others, like **customSocial**.
- **allowedToReapply** - indicates whether the application was explicitly marked by a manager as eligible for reapplication. If **true**, it means the applicant is allowed to submit a new application.

Speakers matching API

Get all events from community

None

```
GET {api-url}/api/v1/{community-slug}/events?page=0&size=50
Content-Type: application/json
Authorization: Bearer {access-token}
```

Request parameters:

- **page:** Int - optional, default 0
- **size:** Int - optional, default 10, max 100
- **updatedAfter:** DateTime - optional, date string in UTC format (e.g. `2022-01-15T10:00:00Z`), filters events updated after provided date
- **sort:** String, comma separated sorting field (`creationDate` or `updateDate`) and sorting order (`asc` or `desc`), default `creationDate,asc`.

Response:

Returns list of events, sorted by creation date in ascending order.

Pagination — currently we do not return the total number of pages or total number of events. If you receive an empty **content** array, it means that there are no more events.

Advocu supports three types of events: Virtual, In-person and Hybrid.

Example response:

JavaScript

```
{
  "content": [
    {
      "id": "String",
      "type": "String",
      "creationDate": "DateTime",
      "updateDate": "DateTime",
      "data": "EventData",
      "bevyData": "BevyData | optional"
    }
  ]
}
```

Note that:

- **creationDate** - date string in UTC format (e.g. `2022-01-15T10:00:00Z`), specifying when the event has been created
- **updateDate** - date string in UTC format (e.g. `2022-01-15T10:00:00Z`), date of last update of any data related to the event
- **type** - event type, e.g. **virtual**, **in-person** or **hybrid**
- **data**- depending on the event type, **EventData** contains different sets of properties provided by the organizer
- **bevyData** - exists only for events imported from Bevy

EventData for Virtual events:

JavaScript

```
{
  "title": "String",
  "shortDescription": "String",
  "description": "String",
  "isExactDate": "String",
  "date": {
    "from": "DateString",
    "to": "DateString"
  },
  "timezone": "String",
  "tags": ["String"] | optional,
  "organizers": {
    "userId": "String",
    "email": "String",
    "firstName": "String",
    "lastName": "String",
    "avatar": "String | optional",
  },
  "bevyEventUrl": "String | optional",
  "eventUrl": "String | optional"
}
```

EventData for In-person or Hybrid events:

JavaScript

```
{
  "title": "String",
  "shortDescription": "String",
  "description": "String",
  "isExactDate": "String",
  "date": {
    "from": "DateString",
```

```

        "to": "DateString"
    },
    "timezone": "String",
    "country": "String",
    "city": "String",
    "cityPlaceId": "String",
    "tags": ["String"] | optional,
    "organizers": {
        "userId": "String",
        "email": "String",
        "firstName": "String",
        "lastName": "String",
        "avatar": "String | optional",
    },
    "bevyEventUrl": "String | optional",
    "eventUrl": "String | optional"
}

```

BevyData:

JavaScript

```

{
    "eventId": "String",
    "chapterId": "String",
    "chapterTitle": "String",
}

```

Get event details

None

```

GET {api-url}/api/v1/{community-slug}/events/{eventId}
Content-Type: application/json
Authorization: Bearer {access-token}

```

Request parameters:

- **eventId**: String - id of the requested event

Response:

Returns event details or 404 when the requested event does not exist.

Example response:

JavaScript

```
{
  "id": "String",
  "type": "String",
  "creationDate": "DateString",
  "updateDate": "DateString",
  "data": "EventData",
  "callForPapers": ["CallForPapersData"],
  "feedbacks": ["FeedbackData"]
}
```

Call for papers data

JavaScript

```
{
  "id": "String",
  "data": {
    "title": "String",
    "description": "String",
    "topics": ["String"] | optional,
    "submissionDeadline": "DateString",
    "languages": ["String"] | optional,
    "externalCfpLink": "String | optional",
    "expectedAttendees": "Int",
    "audienceLevel": ["String"],
    "speakerParticipation": ["String"],
    "preferredSessionTypes": "String"
  },
  "sessionProposals": ["SessionProposalData"],
  "sessionDraftInvitations": ["SessionDraftInvitationData"]
}
```

Session proposal data

JavaScript

```
{
  "id": "String",
  "status": "String",
  "creationDate": "DateString",
  "creator": {
    "userId": "String",
    "email": "String",
    "firstName": "String",
  }
}
```

```

    "lastName": "String",
    "avatar": "String | optional",
  },
  "data": {
    "title": "String",
    "abstract": "String",
    "sessionTypes": ["String"],
    "audienceLevel": ["String"],
    "speakerParticipation": ["String"],
    "languages": ["String"],
    "topics": ["String"],
    "sessionLength": ["String"],
  },
  "feedback": "FeedbackData | optional",
  "reviewData": "ReviewData | optional",
}

```

Note that:

- **status** - session proposal review status: **ACCEPTED**, **REJECTED**, **PENDING**, **INVITATION_ACCEPTED**, **UNANSWERED** or **WITHDRAWN**

Session draft invitation data

```

JavaScript
{
  "id": "String",
  "invitedBy": {
    "userId": "String",
    "email": "String",
    "firstName": "String",
    "lastName": "String",
    "avatar": "String | optional",
  },
  "status": "String",
  "reviewData": {
    "eligible": "Boolean",
    "rejectionReason": "String | optional",
    "feedback": "String",
  } | optional,
  "sessionDraftId": "String",
  "sessionDraftData": {
    "title": "String",

```

```

    "abstract": "String",
    "sessionTypes": ["String"],
    "audienceLevel": ["String"],
    "speakerParticipation": ["String"],
    "languages": ["String"],
    "topics": ["String"],
    "sessionLength": ["String"],
  },
  "sessionDraftCreator": {
    "userId": "String",
    "email": "String",
    "firstName": "String",
    "lastName": "String",
    "avatar": "String | optional",
  },
  "creationDate": "DateString"
}

```

Note that:

- **status** - session proposal review status: **ACCEPTED**, **REJECTED**, **PENDING** or **UNANSWERED**

Review data

```

JavaScript
{
  "eligible": "Boolean",
  "rejectionReason": "String | optional",
  "feedback": "String",
  "reviewingUserId": "String",
}

```

Feedback data

Advocu supports two types of feedback: Participated and Missed.

Participated feedback data:

```

JavaScript
{
  "id": "String",
  "type": "String",
}

```

```

    "creationDate": "DateString",
    "creator": {
      "userId": "String",
      "email": "String",
      "firstName": "String",
      "lastName": "String",
      "avatar": "String | optional",
    },
    "data": {
      "satisfaction": "Int",
      "comment": "String | optional",
      "inPersonAttendees": "Int | optional",
      "virtualAttendees": "Int | optional",
    }
  }
}

```

Missed feedback data:

```

JavaScript
{
  "id": "String",
  "type": "String",
  "creationDate": "DateString",
  "creator": {
    "userId": "String",
    "email": "String",
    "firstName": "String",
    "lastName": "String",
    "avatar": "String | optional",
  },
  "data": {
    "reason": "String",
  }
}

```

Get session drafts

```

None
GET
{api-url}/api/v1/{community-slug}/session-drafts?page=0&size=5
0

```

Content-Type: application/json
Authorization: Bearer {access-token}

Request parameters:

- **page:** Int - optional, default 0
- **size:** Int - optional, default 10, max 100
- **userId:** String - optional, filters session drafts by `creator.userId`
- **from:** DateTime - optional, date string in UTC format (e.g. `2022-01-15T10:00:00Z`), filters session drafts with `creationDate >= from`
- **to:** DateTime - optional, date string in UTC format (e.g. `2022-01-15T10:00:00Z`), filters session drafts with `creationDate < to`

Response:

Returns list of session drafts, sorted by `creationDate` in ascending order.

Example response:

JavaScript

```
{
  "content": [
    {
      "id": "String",
      "data": {
        "title": "String",
        "abstract": "String",
        "sessionTypes": ["String"],
        "audienceLevel": ["String"],
        "speakerParticipation": ["String"],
        "languages": ["String"],
        "topics": ["String"],
        "sessionLength": ["String"],
      },
      "creationDate": "DateTime",
      "creator": {
        "userId": "String",
        "email": "String",
        "firstName": "String",
        "lastName": "String",
        "avatar": "String | optional",
      }
    }
  ]
}
```

```
}
```

Get user badges

None

GET

{api-url}/api/v1/{community-slug}/user-badges?page=0&size=50

Content-Type: application/json

Authorization: Bearer **{access-token}**

Request parameters:

- **page**: Int - optional, default 0
- **size**: Int - optional, default 10, max 100
- **userId**: String - optional, filters user badges by **userId**
- **gainedAfter**: DateString - optional, date string in UTC format (e.g. **2025-01-15T10:00:00Z**), filters user badges gained after **gainedDate**

Response:

Returns list of user badges, sorted by **gainDate** in ascending order.

Example response:

JavaScript

```
{
  "content": [
    {
      "id": "String",
      "userId": "String",
      "badgeId": "String",
      "gainDate": "DateString",
      "name": "String",
      "description": "String",
      "imageUrl": "String",
      "pathInfo": "BadgePathInfo | optional",
    }
  ]
}
```

BadgePathInfo

Provides data about badge path, exists when the badge is defined in a path.

JavaScript

```
{  
  "id": "String",  
  "name": "String",  
  "description": "String",  
  "badgePositionAtPath": "Int",  
}
```