

# REST API

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## REST API.

Our APIs are open, public, and powerful  
for anyone who wants a custom integration.



The Communifire REST API provides access to Communifire data and features. Expand functionality, customize your experience, and integrate Communifire with other platforms using the Communifire REST API. The possibilities with the Communifire REST API are endless.

To start using the REST API, first make sure that the admin has [enabled REST API](#) access in Communifire. Once the REST API is enabled, you need to [get your REST API access key](#).

### API Guidelines

Axero does not have formal thresholds or limitations on our REST API, however there are some general guidelines to follow to prevent a negative impact on your site and its performance.

- Do not exceed 5 API calls per second
- Test API calls before automating to ensure APIs can be returned in less than 15 seconds before configuring any automation.
- If automating long running queries (between 15 seconds and 10 minutes), ensure you are confirming completion of the previous long running query prior to triggering a second query.
- Your concurrent API calls should not exceed 3 as a best practice.

Please talk to the Axero Client Success team if you have questions on how to structure your API usage for optimal performance. We reserve the right to update guidance based on observations of API usage. Additionally, if we identify API usage is impacting your site performance, we may temporarily impose limits to maintain the optimal site performance for all users.

### Users API

The Users REST API includes methods to get user data, create and manage users, and create and manage user roles. You can also search for users, manage user membership, update user points, and more.

Example: If you want to use data from an existing platform or database in your community, the Users REST API is exactly what you need. Mass import user data and create new Communifire users using Add User. Use Update Address when employees move to new locales. Use Update Role as employees change titles.

[REST API: Users](#)

### Content API

The Content REST API includes methods to get content and content lists, create content, and manage content. You can also get queued workflow content, manage content categories, manage files, and more.

Example: Display content on your company lobby's TV screens with the Content REST API. Display photos with Get Content List. Display upcoming events with Get Events. Display client feedback with Get Space Wall Posts.

[REST API: Content](#)

## Spaces API

The Space REST API includes methods to get spaces and space data, create spaces, and manage spaces. You can also manage space membership, manage space roles, and more.

Example: Need to create a company organizational chart? Get department names with Get Space, employees' titles with Get User's Space Roles, and employee title descriptions with Get Space Role.

[REST API: Spaces](#)

## Chat API

The Chat REST API includes methods to send messages, get messages, update chat threads, and more.

Example: Want to move a conversation from email to chat? Start a new Communifire chat thread and include all participants.

[REST API: Chat](#)

## Comments API

The Comments REST API includes methods to create comments, get individual comments, and get comment lists. You can also edit comments, delete comments, and set comment statuses.

Example: Want to submit a certain idea to management? Compile others' thoughts on the idea using Get Comment List.

[REST API: Comments](#)

## Permissions API

The Permissions REST API includes methods to check a user's permissions and update a specific role's permissions.

Example: Want to share a style guideline with content creators? Use Check Permissions to check which roles have permission to create articles.

[REST API: Permissions](#)

## Recognition API

The Recognition REST API includes method to get recognition programs, badges, challenges, and leaderboard users; get insights for a specific user; and recognize a user.

Example: Award someone a kudos badge when they complete a task in an external platform.

[REST API: Recognition](#)

## Analytics API

The Analytics REST API includes method to get content analytics, user analytics, and space activity analytics.

Example: Display trending topics on your homepage using Get Most Liked Content. Discover who your power users are and celebrate them with Get Most Active Users.

[REST API: Analytics](#)

tags : [API](#), [rest-api-introduction](#), [site-administrator](#)