

API v2.3 Overview

Manage and monitor your Stack Overflow for Teams site with API v2.3.

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[PDF VERSION](#)

Tags | [API](#) | [Automation](#) |

Applies to: [Free, Basic, Business](#) [Enterprise](#)

Overview

NOTE: Though Stack Overflow still supports API v2.3, we encourage all users to migrate to the improved API v3. Learn more about [API v3](#).

The Stack Overflow for Teams API enables you to interact with your Stack Overflow site programmatically with external scripts, reporting tools and automated workflows.

How you authenticate into and access API v2.3 depends on your Stack Overflow for Teams version. Follow the appropriate link below to learn more:

[Teams Basic, Business](#)

[Teams Enterprise](#)

Stack Overflow for Teams Free has no API access. Teams Basic offers read-only API v2.3 access, while Teams Business and Enterprise can use API v2.3 to read and write data. [Find your plan](#).

API sandbox

The documentation for API v2.3 includes a sandbox environment for trying out different API endpoints and gaining experience with the API responses and data models. For more information, see the “API documentation sandbox” section of the relevant document linked above.

API write operations

Using the Stack Overflow API to add or edit content involves additional considerations and concerns. If not done with care, automating the addition of new content can decrease user engagement. Learn more about using the API to write data in the [Use the Write API](#) article.

Throttling

API v2.3 uses request throttling to prevent abuse and maintain site performance and stability. These throttles include an overall request limit per day per user, dynamic throttles (which generate the backoff parameter), and burst throttles to limit the number of write actions completed in quick succession.

API v2.3 throttling thresholds are generous. If your site begins throttling API calls, consider whether you're using the API as efficiently as possible. For example: no application should make semantically identical requests more than once a minute. This can be a waste of bandwidth as it usually returns the same data.

Troubleshooting

To maintain security of data and stability of the site, Stack Overflow will reject certain API requests. Here are some of the most common reasons:

Teams Basic and Business

- Invalid/missing PAT
- Invalid/missing team slug
- Expired PAT
- PAT not associated with specified team
- Write operation specified for read-only PAT
- Inadequate user permissions
- Too many API calls in a given time period (throttling)

Teams Enterprise

- Invalid/missing API access key
- Expired OAuth access token (write actions)
- Write operation using access key instead of OAuth access token
- Write operation specified for read-only API Application
- Inadequate user permissions
- Too many API calls in a given time period (throttling)

SOE PDF documentation

Stack Overflow Enterprise users can download the API v2.3 PDF documentation below.

Need help? Submit an issue or question through our [support portal](#).