

Install and Configure the GitHub integration

How to install and configure the Stack Overflow for Teams Enterprise GitHub integration.

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[PDF VERSION](#)

Tags | [Integrations](#) | [GitHub](#) |

Applies to: Free Basic Business Enterprise

ADMIN PRIVILEGES REQUIRED

This documentation is for **Stack Overflow for Teams Enterprise**. Free, Basic, and Business users can access their documentation [here](#). [Find your plan](#).

Overview

With the Stack Overflow for Teams Enterprise (SOE) GitHub integration, GitHub URLs for file blobs, gists, pull requests, and commits will unfurl in SOE questions and answers.

NOTE: Your SOE site must allow outgoing connections to GitHub over HTTPS port 443. An on-premises GitHub Enterprise server must be publicly accessible over the Internet. If it's behind a VPN or otherwise inaccessible, link unfurling will not function.

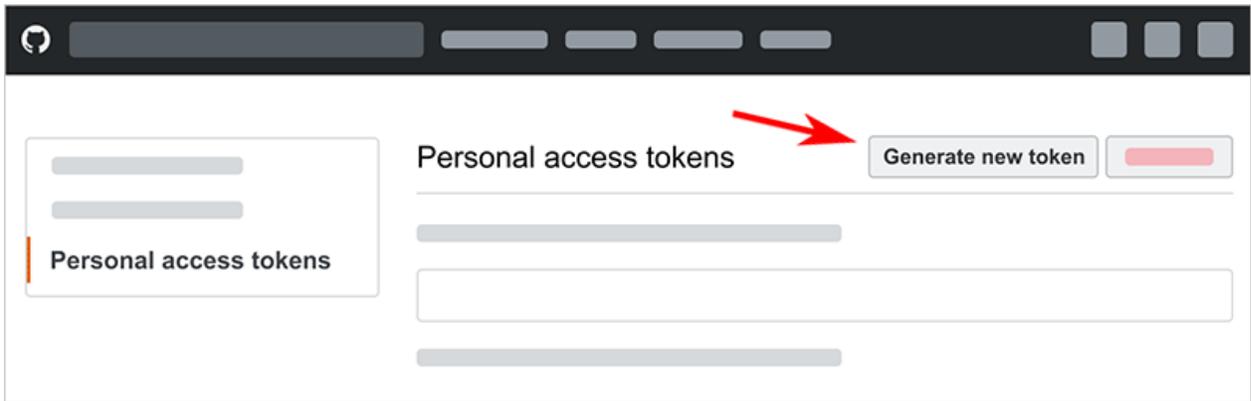
THIS ARTICLE APPLIES TO STACK OVERFLOW FOR TEAMS ENTERPRISE ONLY.

Other Stack Overflow for Teams users should read [this article](#) instead. [Find your plan](#).

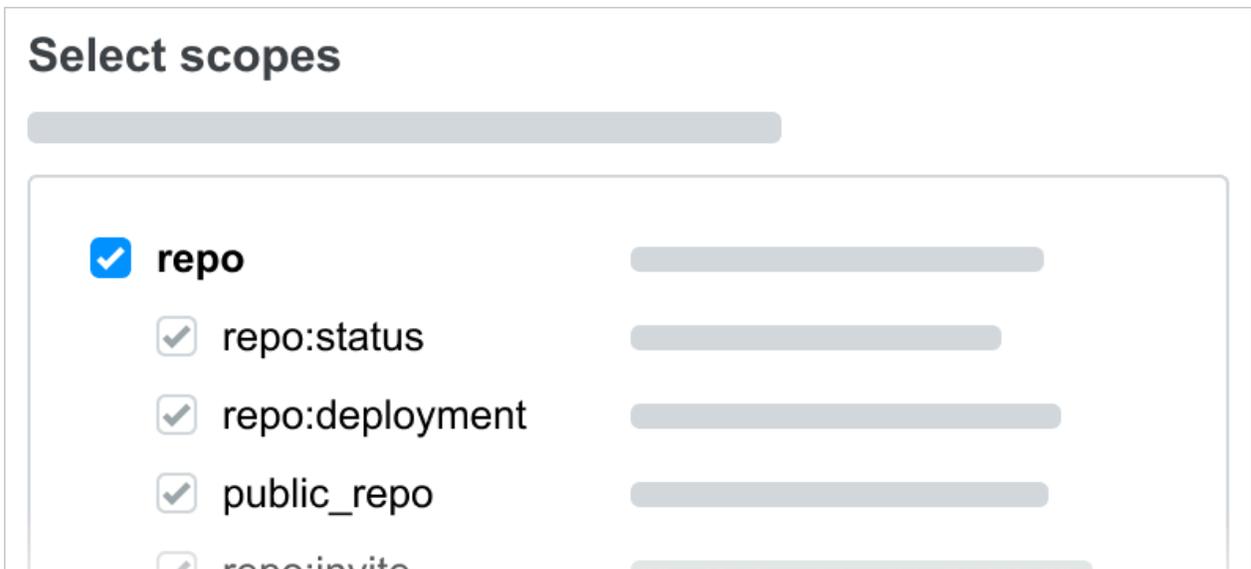
Configure GitHub

The GitHub integration requires a GitHub user to act as a bot account for the instance. You'll create a new GitHub bot user account for SOE and generate a personal access token for this user.

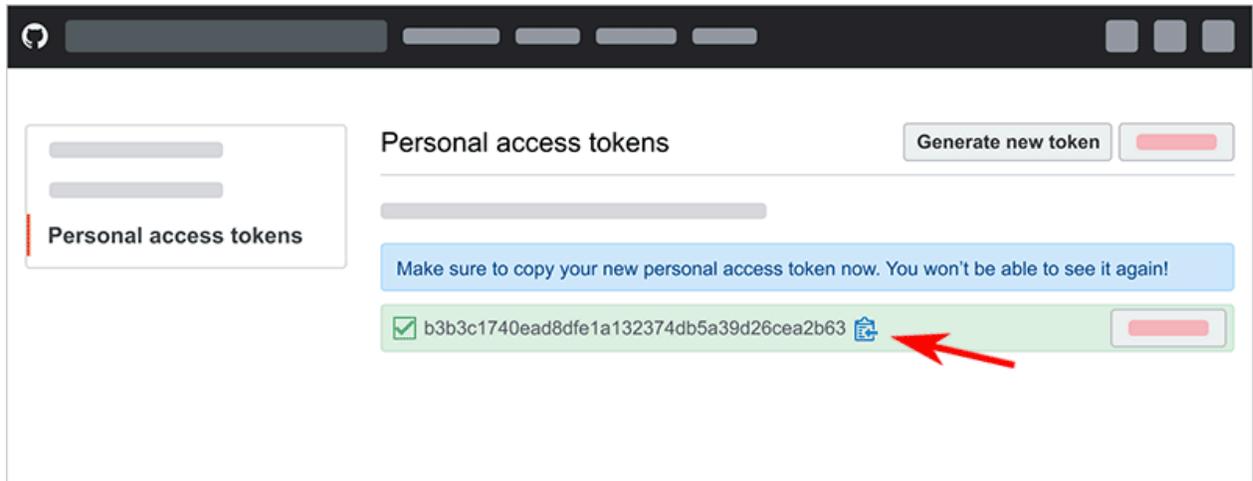
1. In GitHub, create a user account for the SOE bot.
2. Log into GitHub as the GitHub bot user ([verify your email address](#) if required).
3. Click on the profile photo in the upper-right corner of any page, then click **Settings**.
4. In the left-hand menu, click **Developer settings**.
5. Click **Personal access tokens**, then **Generate new token**.



6. On the new personal access token page, add a note describing the purpose of the token (for example: "Stack Overflow Enterprise").
7. Check **repo** to give the token code repository access.



8. Click **Generate Token**.
9. If your organization requires SSO to authenticate into GitHub, you'll need to authorize the token.
 - In GitHub, click **Configure SSO** next to SOE user token you just created.
 - In the dropdown menu, locate your organization and click **Authorize**.
10. On the personal access tokens screen, copy the token. You won't be able to see the token again after you leave this page. If you leave the page before copying the token, you'll need to create a new one.



Configure SOE

You'll complete the GitHub configuration in SOE. The process will differ slightly depending on whether you're using GitHub or GitHub Enterprise.

1. After logging into SOE as an administrator, click **Admin settings** in the left-hand menu. Click **GitHub** under the "INTEGRATIONS AND APPS" heading.
2. Click the **On** toggle corresponding to the type of GitHub integration you're using (**GitHub** or **GitHub Enterprise**). GitHub Enterprise is pictured below.

CUSTOMIZE

- Appearance
- Custom messages
- Reputation
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- Dashboard

ACCESS MANAGEMENT

- Users and permissions
- User groups
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- SCIM
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- Teams sync

CONTENT

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- Unified search
- Content Health
- Communities

INTEGRATION AND APPS

- Webhooks
- Slack
- Microsoft Teams
- GitHub**
- Jira
- API

GitHub

Preview GitHub files, pull requests, gists, and commits in Stack Overflow.

Setting up the integration involves creating a bot user account on GitHub and generating a personal access token.

[Read the setup guide](#)

On Off **GitHub**

GitHub access token

.....

On Off **GitHub Enterprise**

GitHub Enterprise access token

.....

GitHub Enterprise Base URL
e.g., <https://github.yourserver.com>

<https://github.yourserver.com>

On Off **Enable Sub Domain Isolation**

[Save settings](#)

To minimize the load this integration causes on GitHub and GitHub Enterprise, and to maintain reliable performance, Stack Overflow Enterprise will store cached copies of the previews from this integration. Please review [our privacy policy](#).

3. Paste the token you created in Github into the appropriate **...access token** box.

4. If using GitHub Enterprise:

- Enter your **GitHub Enterprise base URL**. This will be the URL of your instance (if self-hosted) or <https://github.com> (if GitHub-hosted).
- If you use subdomain isolation on your GitHub Enterprise instance, set **Enable Sub Domain Isolation** to **Yes**.

5. Click **Save settings**.

The GitHub integration should now be active, showing previews of new GitHub URLs for file blobs, gists, pull requests, and commits in questions and answers. GitHub links in existing questions or answers will not be previewed until someone edits the post.

NOTE: SOE will only preview GitHub URLs that appear on their own line in the question or answer.