Install the GitHub Integration

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PDF VERSION
Tags | **Integrations** | **GitHub** |

ADMIN PRIVILEGES REQUIRED

Applies to: Free Basic **Business** Enterprise

Enterprise users can access their documentation here. Find your plan.

Stack Overflow for Teams can integrate with GitHub. With this integration, GitHub URLs for file blobs, gists, pull requests, and commits will unfurl in your Team's questions and answers.

To learn more about the features included in our GitHub integration, read the GitHub Integration article.

THIS ARTICLE APPLIES TO STACK OVERFLOW FOR TEAMS BUSINESS ONLY.
Stack Overflow for Teams Enterprise users should read this article *instead.* Find your plan.
***NOTE:*** *If you're using an on-premises Github Enterprise server, please ensure that it is publicly accessible over the Internet. If it is behind a VPN or otherwise inaccessible, link unfurling will not function.*

The GitHub integration requires a GitHub user to act as a bot account for the instance. **We strongly recommend creating a new GitHub bot user account for Stack Overflow Enterprise and generating a personal access token for this user.**

Once the bot user account is created, verify your email address (if it hasn't been verified yet) and log in as the bot user.

To generate a personal access token, go to your profile photo in the upper-right corner of any page and choose **Settings**.

In the left sidebar, choose **Developer settings**. Next, choose **Personal access tokens** and **Generate new token**.
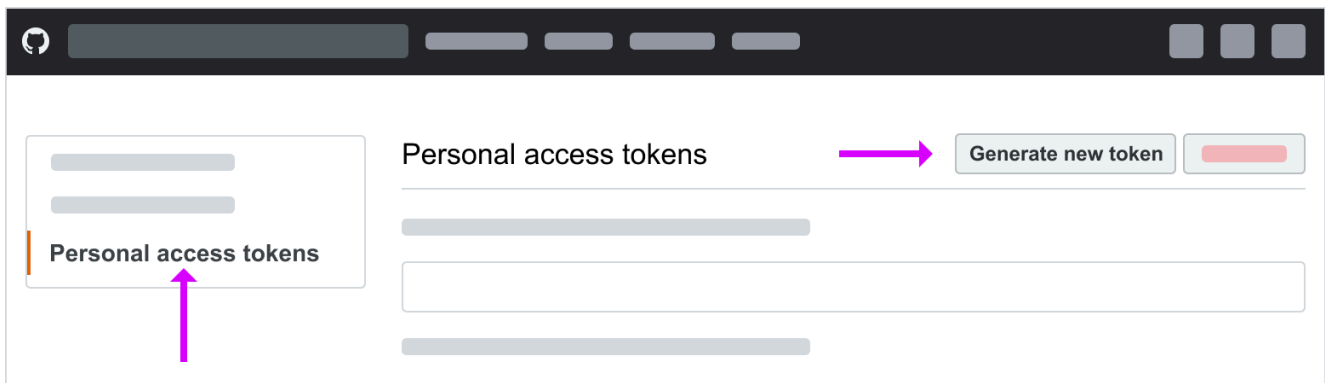

The token will need the repo scopes to work.

Select scopes

Scopes define the access for personal tokens. Read more about OAuth scopes.

☑ **repo**   Full control of private repositories

   ☑ repo:status   Access commit status

   ☑ repo_deployment   Access deployment status

   ☑ public_repo   Access public repositories

   ☑ repo:invite   Access repository invitations

   ☑ security_events   Read and write security events

If your organization requires SSO to authenticate into GitHub, you'll need to authorize the token. In GitHub, click **Configure SSO** next to the token you'd like to authorize. In the dropdown menu, locate your organization and click **Authorize**.

On the personal access tokens screen, copy the token. As GitHub mentions, you won't be able to see the token again after you leave this page.
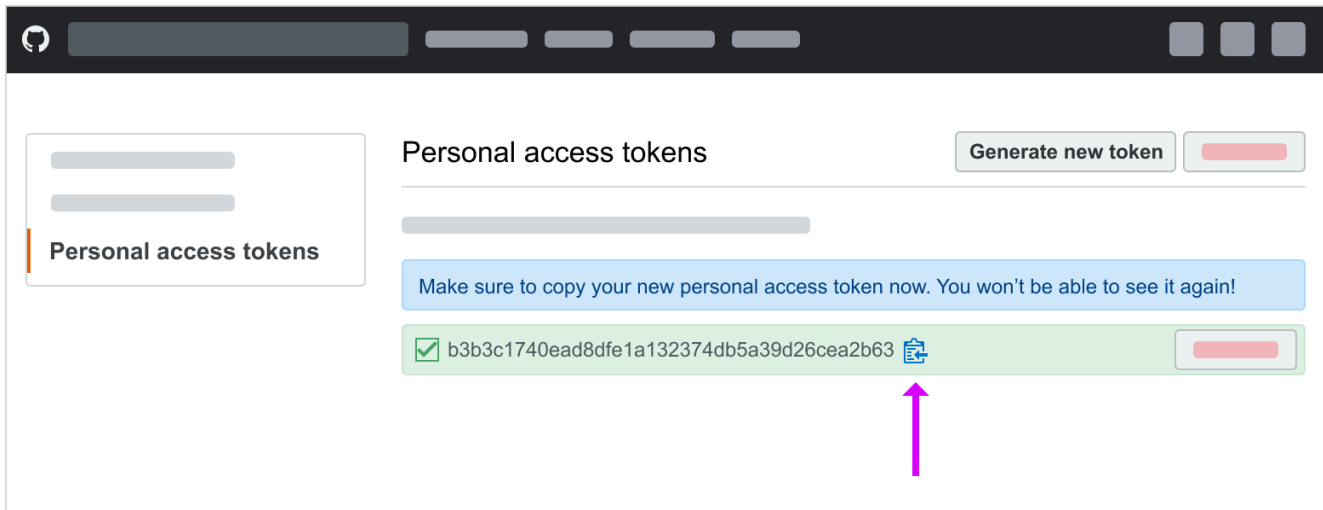
On Stack Overflow for Teams, an admin should go to Settings -> Integrations -> Github Enterprise, and paste the Github personal access token into the GitHub access token in the API key field.

Also, include the **Base URL** for your Github Enterprise instance (if self-hosted) or https://github.com (if GitHub-hosted).

After saving this form, the GitHub integration is active and available for all users to use immediately. All new GitHub URLs for file blobs, gists, pull requests, and commits **that appear on their own line** in a question or answer will automatically preview. GitHub links on existing questions or answers will not be previewed until the post is edited.

Need help? Submit an issue or question through our support portal.