**How to Connect Git Bash to Your GitHub Account: Two Easy Methods**

[[](https://medium.com/@rahulsharan512?source=post_page---byline--a332e037dea5---------------------------------------)](https://medium.com/@rahulsharan512?source=post_page---byline--a332e037dea5---------------------------------------)

[Rahul Sharan](https://medium.com/@rahulsharan512?source=post_page---byline--a332e037dea5---------------------------------------)

·

Follow

4 min read

·

Sep 26, 2023

29

2

A cartoon character and a symbol

AI-generated content may be incorrect.

Have you ever wondered how to connect Git Bash with your GitHub account? Don’t worry; it’s not as complicated as it might sound. In this blog post, we will walk you through two simple methods to make this connection: using a personal access token and using your username and personal access token. Whether you’re new to Git or a seasoned pro, these steps are easy to follow.

**Method 1: Using a Personal Access Token**

**Step 1: Generate a Personal Access Token**

1. Log in to your GitHub account.

**[GitHub: Let’s build from here](https://github.com/?source=post_page-----a332e037dea5---------------------------------------" \t "_blank)**

[GitHub is where over 100 million developers shape the future of software, together. Contribute to the open source…](https://github.com/?source=post_page-----a332e037dea5---------------------------------------" \t "_blank)

[github.com](https://github.com/?source=post_page-----a332e037dea5---------------------------------------" \t "_blank)

2. Click on your profile picture in the top-right corner and select “Settings.”

A screenshot of a chat

AI-generated content may be incorrect.

**GitHub Settings**

3. In the left sidebar, click on “Developer settings.”

A screenshot of a computer

AI-generated content may be incorrect.

**Github Developer Settings**

4. Now, click on “Personal access tokens” under “Access tokens.”

Click the “Generate token” button.

Provide a token description and select the scopes you need. For Git operations, select at least “repo” and “workflow.”

Scroll down and click the “Generate token” button at the bottom of the page.

A screenshot of a computer

AI-generated content may be incorrect.

**Github PAT Token**

A screenshot of a computer

AI-generated content may be incorrect.

**Generate token**

**Step 2: Configure Git Bash**

1. Create test repository for credentials.

A screenshot of a computer

AI-generated content may be incorrect.

**Test Repo.**

A screenshot of a computer

AI-generated content may be incorrect.

**Github Repo. URL**

2. Open Git Bash on your computer.

A black screen with green and purple text

AI-generated content may be incorrect.

**Git Bash Terminal**

3. Enter the following commands on git bash.

mkdir testfolderforcredentials  
cd testfolderforcredentials  
git clone 'Your GitHub Repo URL'  
ls  
cd 'repo name'  
vi testfile  
cat testfile  
git status  
git add testfile  
git status  
git commit -m "this is test file for credentials- 1st method"  
git push

A screen shot of a computer program

AI-generated content may be incorrect.

A screen shot of a computer program

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

**Github Sign**In

That’s it! You’ve successfully connected Git Bash to your GitHub account using a personal access token.

A computer screen with yellow text

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

**Method 2: Using Your Username and Personal Access Token**

**Step 1: Generate a Personal Access Token (if you haven’t already)**

Follow the same steps as mentioned in Method 1 to generate a personal access token.

Remove the Github Credentials from windows machine.

A screenshot of a computer

AI-generated content may be incorrect.

**Windows Credentials manager**

**Step 2: Use Git with Your Username and Token**

1. lets move to Git Bash on your computer.

2. Now , lets make some changes in the test file again that we created.

ls -ltr  
vi testfile  
cat tesfile  
git add testfile  
git commit -m "This is a test file for testing git credentials - 2nd Method"  
git push

A screenshot of a computer program

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

GitHub Sign In

A screenshot of a computer

AI-generated content may be incorrect.

**Github Username**

A screenshot of a computer

AI-generated content may be incorrect.

**Github PAT Token**

Congratulations! You’ve connected Git Bash to your GitHub account using your username and personal access token.

A screen shot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

In conclusion, connecting Git Bash to your GitHub account is essential for managing your repositories and collaborating with others. Whether you prefer using a personal access token or your username and personal access token, these methods will help you get started with ease. Happy learning!

A child sitting on a bench laughing

AI-generated content may be incorrect.