



GitHub CLI Cheat Sheet

GitHub CLI is an open-source command line tool that brings GitHub to your terminal. You can check the status, pull requests, issues, files, gists, and other GitHub concepts.

Installation

macOS

```
$ brew install gh
```

Linux

```
$ sudo apt install gh
```

Windows

```
$ winget install --id GitHub.cli
```

login

Launch a browser to authenticate.

```
$ gh auth login
```

Alternatively, use GitHub token.

```
$ gh auth login --with-token < mytoken.txt
```

browse

View Current GitHub repository in the web browser.

```
$ gh browse
```

Open issues or pull request 15

```
$ gh browse 15
```

Open a commit page.

```
gh browse 8d7656a58112aa1487d5f9c12a1c2479ab16483a
```

Open main.py file at line 340.

```
$ gh browse main.py:340
```

Open repository settings.

```
$ gh browse --settings
```

codespace

Create a code space instance for the current repository. Make sure you have proper authentication setup.

```
$ gh codespace create
```

Open and initialize the VSCode on the web browser.

```
$ gh codespace code --web
```

gist

List of your Gists.

```
$ gh gist list
```

Publish a 'main.py' file as a gist.

```
$ gh gist create --public main.py
```

View a gist in terminal using id.

```
$ gh gist view 8cc08f7cb7d498f426a8f7d2c1dedd56
```

Delete a gist using id.

```
$ gh gist view 8cc08f7cb7d498f426a8f7d2c1dedd56
```

issues

List issues in a GitHub repository.

```
$ gh issue list
```

Create an issue interactively and follow the steps.

```
$ gh issue create
```

Show the status of issues that is relevant to you.

```
$ gh issue status
```

View issues 1 in the terminal.

```
$ gh issue view 1
```

pr

Create a pull request interactively.

```
$ gh pr create
```

View the list of open pull requests.

```
$ gh pr list
```

View a pull request 2 in terminal.

```
$ gh pr view 2
```

Review pull request 24 interactively.

```
$ gh pr review 24
```

Merge pull request 24 on GitHub.

```
$ gh pr merge 24
```

repo

Create a repository interactively.

```
$ gh repo create
```

Clone a repository using OWNER/REPO syntax.

```
$ gh repo clone kingabzpro/blog
```

List repositories owned by kingabzpro

```
$ gh repo list kingabzpro
```

Create a fork for docs repository.

```
$ gh repo fork github/docs
```

Viewing a repository description and readme in terminal

```
$ gh repo view kingabzpro/blog
```

workflow

List workflow files in GitHub Actions.

```
$ gh workflow list
```

Run the workflow file 'build.yml' at the remote default branch.

```
$ gh workflow run build.yml
```

Select a workflow to view interactively.

```
$ gh workflow view
```

Enable/Disable a workflow.

```
$ gh workflow enable/disable build.yml
```

run

List recent workflow runs

```
$ gh run list
```

Select a run to view interactively.

```
$ gh run view
```

Watch a run until it completes.

```
gh run watch 3456
```

Cancel a workflow run.

```
$ gh run cancel 3456
```

Rerun a failed run.

```
gh run rerun 3456
```

status

View summary of your work on GitHub across all the repositories.

```
$ gh status
```

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