



GitHub CLI usage examples

Checking out a pull request locally

Using pull request number

You can check out any pull request, including from forks, in a repository using its pull request number

```
// Checking out a pull request locally
~/Projects/my-project$ gh pr checkout 12
remote: Enumerating objects: 66, done.
remote: Counting objects: 100% (66/66), done.
remote: Total 83 (delta 66), reused 66 (delta 66), pack-reused 17
Unpacking objects: 100% (83/83), done.
From https://github.com/owner/repo
 * [new ref]          refs/pull/8896/head -> patch-2
M       README.md
Switched to branch 'patch-2'

~/Projects/my-project$
```

Using other selectors

You can also use URLs and branch names to checkout pull requests.

```
// Checking out a pull request locally
~/Projects/my-project$ gh pr checkout branch-name
Switched to branch 'branch-name'
Your branch is up to date with 'origin/branch-name'.
Already up to date.

~/Projects/my-project$
```

Cloning a repository

Using OWNER/REPO syntax

You can clone any repository using OWNER/REPO syntax.

```
# Cloning a repository
~/Projects$ gh repo clone cli/cli
Cloning into 'cli'...
~/Projects$ cd cli
~/Projects/cli$
```

Using other selectors

You can also use GitHub URLs to clone repositories.

```
# Cloning a repository
~/Projects/my-project$ gh repo clone https://github.com/cli/cli
Cloning into 'cli'...
remote: Enumerating objects: 99, done.
remote: Counting objects: 100% (99/99), done.
remote: Compressing objects: 100% (76/76), done.
remote: Total 21160 (delta 49), reused 35 (delta 18), pack-reused 21061
Receiving objects: 100% (21160/21160), 57.93 MiB | 10.82 MiB/s, done.
Resolving deltas: 100% (16051/16051), done.

~/Projects/my-project$
```

Creating issues and pull requests

Interactively

```
# Create a pull request interactively
~/Projects/my-project$ gh pr create
Creating pull request for feature-branch into main in owner/repo
? Title My new pull request
? Body [(e) to launch nano, enter to skip]
http://github.com/owner/repo/pull/1
~/Projects/my-project$
```

```
# Create an issue interactively
~/Projects/my-project$ gh issue create
Creating issue in owner/repo
? Title My new issue
? Body [(e) to launch nano, enter to skip]
http://github.com/owner/repo/issues/1
~/Projects/my-project$
```

With flags

```
# Create a pull request using flags
~/Projects/my-project$ gh pr create --title "Pull request title" --body "Pull request body"
http://github.com/owner/repo/pull/1
~/Projects/my-project$
```

```
# Create an issue using flags
~/Projects/my-project$ gh issue create --title "Issue title" --body "Issue body"
http://github.com/owner/repo/issues/1
~/Projects/my-project$
```

In the browser

```
// Quickly navigate to the pull request creation page
~/Projects/my-project$ gh pr create --web
Opening https://github.com/owner/repo/pull/branch in your browser.
~/Projects/my-project$
```

```
// Quickly navigate to the issue creation page
~/Projects/my-project$ gh issue create --web
Opening https://github.com/owner/repo/issues/new in your browser.
~/Projects/my-project$
```

Working with forks

This command will automatically create a fork for you if you're in a repository that you don't have permission to push to.

Forking repositories

With no arguments

Inside a git repository, and without any arguments, we will automatically create a fork on GitHub on your account for your current directory. It will then prompt if you want to set an upstream remote.

```
# Create a fork for the current repository.
~/Projects/cli$ gh repo fork
- Forking cli/cli...
✓ Created fork user/cli
? Would you like to add a remote for the fork? Yes
✓ Renamed origin remote to upstream
```

```
✓ Added remote origin
~/Projects/cli$
```

With arguments

If you pass a repository in OWNER/REPO format, `gh` will automatically create a fork on GitHub on your account and ask if you want to clone it. This works inside or outside of a git repository.

```
# Create a fork for another repository.
~/Projects$ gh repo fork cli/cli
- Forking cli/cli...
✓ Created fork cli/cli
? Would you like to clone the fork? Yes
Cloning into 'cli'...
✓ Cloned fork
~/Projects$ cd cli
~/Projects/cli$
```

Using flags

Use flags to skip prompts about adding a git remote for the fork, or about cloning the forked repository locally.

```
# Skipping remote prompts using flags
~/Projects/cli$ gh repo fork --remote=false
- Forking cli/cli...
✓ Created fork user/cli
~/Projects/cli$
```

```
# Skipping clone prompts using flags
~/Projects$ gh repo fork cli/cli --clone=false
- Forking cli/cli...
✓ Created fork user/cli
~/Projects$
```

Using lists of issues or pull requests in a repository

Default behavior

You will see the most recent 30 open items.

```
# Viewing a list of open pull requests
~/Projects/my-project$ gh pr list
```

Pull requests for owner/repo

```
#14 Upgrade to Prettier 1.19      prettier
#14 Extend arrow navigation in lists for MacOS  arrow-nav
#13 Add Support for Windows Automatic Dark Mode  dark-mode
#8 Create and use keyboard shortcut react component  shortcut
```

~/Projects/my-project\$

Viewing a list of open issues

~/Projects/my-project\$ gh issue list

Issues for owner/repo

```
#14 Update the remote url if it changed  (bug)
#14 PR commands on a detached head      (enhancement)
#13 Support for GitHub Enterprise        (wontfix)
#8 Add an easier upgrade command         (bug)
```

~/Projects/my-project\$

Filtering with flags

You can use flags to filter the list for your specific use cases.

Viewing a list of closed pull requests assigned to a user

~/Projects/my-project\$ gh pr list --state closed --assignee user

Pull requests for owner/repo

```
#13 Upgrade to Electron 7      electron-7
#8 Release Notes Writing Guide  release-notes
```

~/Projects/my-project\$

Viewing a list of closed issues assigned to a user

~/Projects/my-project\$ gh issue list --state closed --assignee user

Issues for owner/repo

```
#13 Enable discarding submodule changes  (bug)
#8 Upgrade to latest react               (upgrade)
```

~/Projects/my-project\$

Viewing the status of your relevant work

Pull requests

```
# Viewing the status of your relevant pull requests
```

```
~/Projects/my-project$ gh pr status
```

Current branch

```
#12 Remove the test feature [user:patch-2]
- All checks failing - Review required
```

Created by you

```
You have no open pull requests
```

Requesting a code review from you

```
#13 Fix tests [branch]
- 3/4 checks failing - Review required
#15 New feature [branch]
- Checks passing - Approved
```

```
~/Projects/my-project$
```

Issues

```
# Viewing issues relevant to you
```

```
~/Projects/my-project$ gh issue status
```

Issues assigned to you

```
#8509 [Fork] Improve how Desktop handles forks (epic:fork, meta)
```

Issues mentioning you

```
#8938 [Fork] Add create fork flow entry point at commit warning (epic:fork)
#8509 [Fork] Improve how Desktop handles forks (epic:fork, meta)
```

Issues opened by you

```
#8936 [Fork] Hide PR number badges on branches that have an upstream PR (epic:f
#6386 Improve no editor detected state on conflicts modal (enhancement)
```

```
~/Projects/my-project$
```

Viewing a pull request, issue or repository

In terminal

By default, we will display items in the terminal.

```
# Viewing a pull request in terminal
```

```
~/Projects/my-project$ gh pr view 21
```

Pull request title

```
opened by user. 0 comments. (label)
```

Pull request body

View this pull request on GitHub: <https://github.com/owner/repo/pull/21>
~/Projects/my-project\$

```
# Viewing an issue in terminal
~/Projects/my-project$ gh issue view 21
```

Issue title

opened by user. 0 comments. (label)

Issue body

View this issue on GitHub: <https://github.com/owner/repo/issues/21>
~/Projects/my-project\$

```
# Viewing a repository in terminal
~/Projects/my-project$ gh repo view owner/repo
```

owner/repo

Repository description

Repository README

View this repository on GitHub: <https://github.com/owner/repo/>
~/Projects/my-project\$

In the browser

Quickly open an item in the browser using `--web` or `-w`

```
# Viewing a pull request in the browser
~/Projects/my-project$ gh pr view 21 --web
Opening https://github.com/owner/repo/pull/21 in your browser.
~/Projects/my-project$
```

```
# Viewing an issue in the browser
~/Projects/my-project$ gh issue view 21 --web
Opening https://github.com/owner/repo/issues/21 in your browser.
~/Projects/my-project$
```

```
# Viewing a repository in the browser
~/Projects$ gh repo view owner/repo --web
Opening https://github.com/owner/repo/ in your browser.
~/Projects$
```

With no arguments

We will display the pull request of the branch you're currently on.

```
# Viewing the pull request of the branch you're on
~/Projects/my-project$ gh pr view
Pull request title
opened by user. 0 comments. (label)

Pull request body

View this pull request on GitHub: https://github.com/owner/repo/pull/21
~/Projects/my-project$
```

We will display the repository you're currently in.

```
# Viewing the repository you're in
~/Projects/my-project$ gh repo view
owner/my-project
Repository description

Repository README

View this repository on GitHub: https://github.com/owner/repo/
~/Projects/my-project$
```

GitHub

Product	Platform	Support	Company
Features	Developer API	Help	About
Security	Partners	Community Forum	Blog
Enterprise	GitHub Desktop	Expert Services	Careers
Customer stories	GitHub Mobile	Status	Press
Pricing		Contact GitHub	Shop
Resources			
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