cli /
cli

`<> Code`   Issues `660`   Pull requests `21`   💬 Discussions   ▶ Actions   Projects `1`   Security `1` |

GitHub's official command line tool

🔗 **cli.github.com**

⚖ MIT license

🛡 Code of conduct

⚖ Security policy

☆ **37k** stars   ⑂ **5.7k** forks   👁 **904** watching   ⑂ Branches   🏷 Tags   ∿ Activity   ▭ Custom properties

🌐 Public repository

⑂ ⑂ **89** Branches 🏷 **143** Tags   ⑂   🏷   🔍 Go to file `t`   Go to file   ＋   Add file ▾   `<> Code` ▾   ⋯

👤 **williammartin** Merge pull request **#9729** from cli/kw/cli-9248-handle-error-in-hostnam… ⋯ ✓
76ea939 · yesterday 🕘

📁 .devcontainer	Upgrade to Go 1.22 (#8836)	7 months ago
📁 .github	Merge pull request #9687 from cli/kw…	last week
📁 api	Update api/queries_branch_issue_ref…	2 months ago
📁 build	Added native min os version blocking	5 months ago
📁 cmd	Move config interfaces into gh packa…	5 months ago
📁 context	Add tests for `FindByRepo`	6 months ago
📁 docs	Apply suggestions from code review	last week
📁 git	Handle `--bare` clone targets (#9271)	3 months ago
📁 internal	Handle errors from parsing hostname…	2 days ago
📁 pkg	Allow user to override markdown wra…	5 days ago
📁 script	Remove v prefix when `pkgmacos` is cal…	5 months ago
📁 test	Update `sigstore-go` dependency to …	6 months ago
📁 utils	Add headers to all tables (#8157)	last year
📄 .gitattributes	Retire `copy-release-to-another-rep`…	4 years ago
📄 .gitignore	This commit introduces tenancy awar…	last month
📄 .golangci.yml	Re-enable linters now that golangci-li…	2 years ago

📄 .goreleaser.yml	Build completions during release on ...	5 months ago
📄 LICENSE	Create LICENSE	5 years ago
📄 Makefile	Added make macospkg target	5 months ago
📄 README.md	Add Flox as an installation option	3 months ago
📄 go.mod	Bump cli/oauth to 1.1.1	yesterday
📄 go.sum	Bump cli/oauth to 1.1.1	yesterday

📖 README   🤝 Code of conduct   ⚖️ MIT license   ⚖️ Security   ✏️   ☰

GitHub CLI

`gh` is GitHub on the command line. It brings pull requests, issues, and other GitHub concepts to the terminal next to where you are already working with `git` and your code.


```
$ gh pr status

Current branch
    There is no pull request associated with [develop]

Created by you
    #1011  Update readme [readme-fix]
    - Checks pending - Review required

Requesting a code review from you
    #1015  Improve error handling [better-error-handling]
    ✓ Checks passing + Changes requested
```

GitHub CLI is supported for users on GitHub.com and GitHub Enterprise Server 2.20+ with support for macOS, Windows, and Linux.

Documentation

For installation options see below, for usage instructions see the manual.

Contributing

If anything feels off, or if you feel that some functionality is missing, please check out the [contributing page](#). There you will find instructions for sharing your feedback, building the tool locally, and submitting pull requests to the project.

If you are a hubber and are interested in shipping new commands for the CLI, check out our [doc on internal contributions](#).

Installation

macOS

`gh` is available via [Homebrew](#), [MacPorts](#), [Conda](#), [Spack](#), [Webi](#), and as a downloadable binary including Mac OS installer `.pkg` from the [releases page](#).

> ⓘ **Note**
>
> As of May 29th, Mac OS installer `.pkg` are unsigned with efforts prioritized in `cli/cli#9139` to support signing them.

Homebrew

Install:	Upgrade:
`brew install gh`	`brew upgrade gh`

MacPorts

Install:	Upgrade:
`sudo port install gh`	`sudo port selfupdate && sudo port upgrade gh`

Conda

Install:	Upgrade:
`conda install gh --channel conda-forge`	`conda update gh --channel conda-forge`

Additional Conda installation options available on the [gh-feedstock page](#).

Spack

Install:	Upgrade:
`spack install gh`	`spack uninstall gh && spack install gh`

Webi

Install:	Upgrade:
`curl -sS https://webi.sh/gh	sh`	`webi gh@stable`

For more information about the Webi installer see [its homepage](#).

Flox

Install:	Upgrade:
`flox install gh`	`flox upgrade toplevel`

For more information about Flox, see [its homepage](#)

Linux & BSD

`gh` is available via:

- [our Debian and RPM repositories](#);
- community-maintained repositories in various Linux distros;
- OS-agnostic package managers such as [Homebrew](#), [Conda](#), [Spack](#), [Webi](#); and
- our [releases page](#) as precompiled binaries.

For more information, see [Linux & BSD installation](#).

Windows

`gh` is available via [WinGet](#), [scoop](#), [Chocolatey](#), [Conda](#), [Webi](#), and as downloadable MSI.

WinGet

Install:	Upgrade:
`winget install --id GitHub.cli`	`winget upgrade --id GitHub.cli`

> **Note**
> The Windows installer modifies your PATH. When using Windows Terminal, you will need to **open a new window** for the changes to take effect. (Simply opening a new tab will *not* be sufficient.)

scoop

Install:	Upgrade:
`scoop install gh`	`scoop update gh`

Chocolatey

Install:	Upgrade:
`choco install gh`	`choco upgrade gh`

Signed MSI

MSI installers are available for download on the [releases page](#).

Codespaces

To add GitHub CLI to your codespace, add the following to your [devcontainer file](#):

```
  "features": {
    "ghcr.io/devcontainers/features/github-cli:1": {}
  }
```

GitHub Actions

GitHub CLI comes pre-installed in all [GitHub-Hosted Runners](#).

Other platforms

Download packaged binaries from the [releases page](#).

Build from source

See here on how to [build GitHub CLI from source](#).

Comparison with hub

For many years, [hub](#) was the unofficial GitHub CLI tool. `gh` is a new project that helps us explore what an official GitHub CLI tool can look like with a fundamentally different design. While both tools bring GitHub to the terminal, `hub` behaves as a proxy to `git`, and `gh` is a standalone tool. Check out our [more detailed explanation](#) to learn more.

Releases 165

🏷 **GitHub CLI 2.58.0** (Latest)
last week

+ 164 releases

Contributors 528

+ 514 contributors

Deployments 243

✅ **production** last week
❌ **staging**
✅ **github-pages** 4 years ago

+ 240 deployments

Languages

● Go 99.6%   ● Other 0.4%