
github-cli Documentation

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ABOUT

Installing `github-cli` will provide an executable called `ghi`, that can be used to access all of [GitHub's](#) documented [Issues API](#) (v2) functionality from your command-line. It is written in [Python](#).

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2.1 Installation

on most UNIX-like systems, you'll probably need to run the following 'install' commands as root or by using sudo

2.1.1 pip

```
$ pip install github-cli
```

2.1.2 source

```
$ pip install git+http://github.com/jsmits/github-cli
```

or

```
$ git clone git://github.com/jsmits/github-cli.git
$ cd github-cli
$ python setup.py install
```

as a result, the `ghi` executable will be installed into a system `bin` directory

2.2 Download

2.2.1 Python Package Index

You can download source tarballs from PyPi [here](#).

For older versions, use something like this: <http://pypi.python.org/pypi/github-cli?version=0.2.0> . Change the version to whatever version you would like to view and/or download.

2.2.2 GitHub

Of course, you can always get the latest source code from the [git repository](#):

```
$ git clone git://github.com/jsmits/github-cli.git
```

2.3 Configuration

Make sure your GitHub username and API token are added to the global git config:

```
$ git config --global github.user <your GitHub username>
$ git config --global github.token <your GitHub API token>
```

or you can specify the environment variables `GITHUB_USER` and `GITHUB_TOKEN`

You can find the username and API token on your GitHub's account page.

2.4 Usage

From within a working directory with a remote that is hosted on GitHub (remote named either `origin` or `github` for git repositories or `default` or `github` for mercurial/hg-git repositories), you can do this (note: with the `-r` option, commands can be invoked from anywhere):

```
(github-cli)[jsmits@imac:~]$ ghi --help
Usage: ghi command [args] [options]
```

Examples:

<code>ghi list [-s open closed all]</code>	show open, closed or all issues (default: open)
<code>ghi [-s o c a] -v</code>	same as above, but with issue details
<code>ghi</code>	same as: <code>ghi list</code>
<code>ghi -v</code>	same as: <code>ghi list -v</code>
<code>ghi [-s o c] -w</code>	show issues' GitHub page in web browser (default: open)
<code>ghi list -u <github_user></code>	show issues created by specified user
<code>ghi show <nr></code>	show issue <nr>
<code>ghi show <nr> -v</code>	same as above, but with comments
<code>ghi <nr></code>	same as: <code>ghi show <nr></code>
<code>ghi <nr> -w</code>	show issue <nr>'s GitHub page in web browser
<code>ghi open (o)</code>	create a new issue (with \$EDITOR)
<code>ghi open (o) -m <msg></code>	create a new issue with <msg> content (optionally, use \n for new lines; first line will be the issue title)
<code>ghi close (c) <nr></code>	close issue <nr>
<code>ghi open (o) <nr></code>	reopen issue <nr>
<code>ghi edit (e) <nr></code>	edit issue <nr> (with \$EDITOR)
<code>ghi label add (al) <label> <nr></code>	add <label> to issue <nr>
<code>ghi label remove (rl) <label> <nr></code>	remove <label> from issue <nr>
<code>ghi search (s) <term></code>	search for <term> (default: open)
<code>ghi s <term> [-s o c] -v</code>	same as above, but with details
<code>ghi s <term> -s closed</code>	only search in closed issues
<code>ghi comment (m) <nr></code>	create a comment for issue <nr> (with \$EDITOR)
<code>ghi comment (m) <nr> -m <msg></code>	create a comment for issue <nr> with <msg> content. (optionally use \n for new lines)
<code>ghi -r <user>/<repo></code>	specify a repository (can be used for all commands)
<code>ghi -r <repo></code>	specify a repository (gets user from global git config)

Description: command-line interface to GitHub's Issues API (v2)

Options:

-h, --help	show this help message and exit
-v, --verbose	show issue details (only for show, list and search commands) [default: False]
-s STATE, --state=STATE	specify state (only for list and search (except 'all') commands) choices are: open (o), closed (c), all (a) [default: open]
-u CREATED_BY, --user=CREATED_BY	issues created by <github_username> [default: all]
-m MESSAGE, --message=MESSAGE	message content for opening or commenting on an issue without using the editor
-r REPO, --repo=REPO, --repository=REPO	specify a repository (format: 'user/repo' or just 'repo' (latter will get the user from the global git config))
-w, --web, --webbrowser	show issue(s) GitHub page in web browser (only for list and show commands) [default: False]
-V, --version	show program's version number and exit