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t

hbenali Specify rpm repository to avoid conflicts with community repositories ✓

fc8b86b · 2 months ago

History

# Installing gh on Linux and BSD

Packages downloaded from <https://cli.github.com> or from <https://github.com/cli/cli/releases> are considered official binaries. We focus on popular Linux distros and the following CPU architectures: i386 , amd64 , arm64 , armhf .

Other sources for installation are community-maintained and thus might lag behind our release schedule.

## Official sources

### Debian, Ubuntu Linux, Raspberry Pi OS (apt)

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```
hubcli-archive-keyring.gpg > /dev/null \
```

```
https://cli.github.com/packages stable main" | sudo tee /etc/apt/sources.list.d/github-cli.list > /dev/null \
```

**Note** We were recently forced to change our GPG signing key. If you've previously downloaded the `githubcli-archive-keyring.gpg` file, you should re-download it again per above instructions. If you are using a keyserver to download the key, the ID of the new key is `23F3D4EA75716059` .

Upgrade:

```
sudo apt update
sudo apt install gh
```



## Fedora, CentOS, Red Hat Enterprise Linux (dnf)

Install from our package repository for immediate access to latest releases:

```
sudo dnf install 'dnf-command(config-manager)'
sudo dnf config-manager --add-repo https://cli.github.com/packages/rpm/gh-cli.repo
sudo dnf install gh --repo gh-cli
```



Alternatively, install from the [community repository](#):

```
sudo dnf install gh
```



Upgrade:



```
sudo dnf update gh
```

## Amazon Linux 2 (yum)

Install using our package repository for immediate access to latest releases:



```
type -p yum-config-manager >/dev/null || sudo yum install yum-utils  
sudo yum-config-manager --add-repo https://cli.github.com/packages/rpm/gh-cli.repo  
sudo yum install gh
```

**Note** We were recently forced to change our GPG signing key. If you've added the repository previously and now you're getting a GPG signing key error, disable the repository first with `sudo yum-config-manager --disable gh-cli` and add it again with `sudo yum-config-manager --add-repo https://cli.github.com/packages/rpm/gh-cli.repo`.

Upgrade:



```
sudo yum update gh
```

## openSUSE/SUSE Linux (zypper)

Install:



```
sudo zypper addrepo https://cli.github.com/packages/rpm/gh-cli.repo  
sudo zypper ref  
sudo zypper install gh
```

Upgrade:



```
sudo zypper ref
sudo zypper update gh
```

## Manual installation

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- [Download release binaries](#) that match your platform; or
- [Build from source](#).

## Unofficial, community-supported methods

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The GitHub CLI team does not maintain the following packages or repositories and thus we are unable to provide support for those installation methods.

### Snap (do not use)

There are [so many issues with Snap](#) as a runtime mechanism for apps like GitHub CLI that our team suggests *never installing gh as a snap*.

### Arch Linux

Arch Linux users can install from the [extra repo](#):

```
sudo pacman -S github-cli
```



Alternatively, use the [unofficial AUR package](#) to build GitHub CLI from source.

### Android

Android 7+ users can install via [Termux](#):

```
pkg install gh
```



## FreeBSD

FreeBSD users can install from the [ports collection](#):

```
cd /usr/ports/devel/gh/ && make install clean
```



Or via [pkg\(8\)](#):

```
pkg install gh
```



## NetBSD/pkgsrc

NetBSD users and those on [platforms supported by pkgsrc](#) can install the [gh package](#):

```
pkgin install gh
```



To install from source:

```
cd /usr/pkgsrc/net/gh && make package-install
```



## OpenBSD

In -current, or in releases starting from 7.0, OpenBSD users can install from packages:



```
pkg_add github-cli
```

## Funtoo

Funtoo Linux has an autogenerated github-cli package, located in [dev-kit](#), which can be installed in the following way:



```
emerge -av github-cli
```

Upgrading can be done by syncing the repos and then requesting an upgrade:



```
ego sync  
emerge -u github-cli
```

## Gentoo

Gentoo Linux users can install from the [main portage tree](#):



```
emerge -av github-cli
```

Upgrading can be done by updating the portage tree and then requesting an upgrade:



```
emerge --sync  
emerge -u github-cli
```

## Kiss Linux

Kiss Linux users can install from the [community repos](#):



```
kiss b github-cli && kiss i github-cli
```

## Nix/NixOS

Nix/NixOS users can install from [nixpkgs](#):



```
nix-env -iA nixos.gh
```

## openSUSE Tumbleweed

openSUSE Tumbleweed users can install from the [official distribution repo](#):



```
sudo zypper in gh
```

## Alpine Linux

Alpine Linux users can install from the [stable releases' community package repository](#).



```
apk add github-cli
```

Users wanting the latest version of the CLI without waiting to be backported into the stable release they're using should use the edge release's community repo through this method below, without mixing packages from stable and unstable repos.<sup>[1]</sup>



```
echo "@community http://dl-cdn.alpinelinux.org/alpine/edge/community" >> /etc/apk/repositories  
apk add github-cli@community
```

## Void Linux

Void Linux users can install from the [official distribution repo](#):

```
sudo xbps-install github-cli
```



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1. [https://wiki.alpinelinux.org/wiki/Package\\_management#Repository\\_pinning](https://wiki.alpinelinux.org/wiki/Package_management#Repository_pinning) ↩