



Homebrew

The missing package manager for macOS (or Linux)

English ▾

• Install Homebrew

```
/usr/bin/ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"
```

Paste that in a macOS Terminal prompt.

The script explains what it will do and then pauses before it does it. Read about other [installation options](#). Install Homebrew on [Linux and Windows Subsystem for Linux](#).

• What Does Homebrew Do?

Homebrew installs [the stuff you need](#) that Apple (or your Linux system) didn't.

```
$ brew install wget
```

- Homebrew installs packages to their own directory and then symlinks their files into `/usr/local`.

```
$ cd /usr/local
$ find Cellar
Cellar/wget/1.16.1
Cellar/wget/1.16.1/bin/wget
Cellar/wget/1.16.1/share/man/man1/wget.1

$ ls -l bin
bin/wget -> ../Cellar/wget/1.16.1/bin/wget
```

- Homebrew won't install files outside its prefix and you can place a Homebrew installation wherever you like.
- Trivially create your own Homebrew packages.

```
$ brew create https://foo.com/bar-1.0.tgz
Created /usr/local/Homebrew/Library/Taps/homebrew/homebrew-core/Formula/bar.rb
```

- It's all Git and Ruby underneath, so hack away with the knowledge that you can easily revert your modifications and merge upstream updates.

```
$ brew edit wget # opens in $EDITOR!
```

- Homebrew formulae are simple Ruby scripts:

```
class Wget < Formula
  homepage "https://www.gnu.org/software/wget/"
  url "https://ftp.gnu.org/gnu/wget/wget-1.15.tar.gz"
  sha256 "52126be8cf1bddd7536886e74c053ad7d0ed2aa89b4b630f76785bac21695fcd"

  def install
    system "./configure", "--prefix=#{prefix}"
    system "make", "install"
  end
end
```

```
end  
end
```

- Homebrew complements macOS (or your Linux system). Install your RubyGems with `gem` and their dependencies with `brew`.
- "To install, drag this icon..." no more. `brew cask` installs macOS apps, fonts and plugins and other non-open source software.

```
$ brew cask install firefox
```

- Making a cask is as simple as creating a formula.

```
$ brew cask create foo  
Editing /usr/local/Homebrew/Library/Taps/homebrew/homebrew-cask/Casks/foo.rb
```

• Further Documentation

docs.brew.sh

• Donate to Homebrew

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discourse.brew.sh

• Homebrew Blog

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- Homebrew was created by [Max Howell](#). Website by [Rémi Prévost](#), [Mike McQuaid](#) and [Danielle Lalonde](#).



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