



Homebrew

Features and Funding

Mike McQuaid



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Features

new features



who doesn't love 

new features



who doesn't love 

new features 

(that are broken )

Homebrew <1.0



brew update

==

```
git fetch
git checkout -B master \
  origin/master
```

Homebrew >1.0

(some people)



brew update

==

```
git fetch
```

```
git checkout -B master \  
origin/master
```

Homebrew >1.0

(most people)



brew update

==

```
git fetch --tags  
git checkout $(git tag \  
--sort=-version:refname | head -n1)
```



wait am I

"some people"

**Most
Software:**

**do you
want to use
the β Beta?**

do you
love
bugs?



do you

hate

yourself?



Homebrew

does Mike

hate

me?

(kinda)



**but
why
tho?**

**(you
are
special)**

**(you
are
curious)**

**(you
are
helpful)**

COMMANDS

and

**DEVELOPER
COMMANDS**

COMMANDS

==

 brew install wget



brew edit wget

==

**DEVELOPER
COMMANDS**

~99.9%

and

~0.1%

stable
(latest tag)
and

master



**but
why
tho?**

COMMANDS

==

**"I ran brew install
and it didn't work"**

**"Here's a reproducible test case for a
brew install edge case"**

==

**DEVELOPER
COMMANDS**

**"Here's a working, green pull request for a
brew install edge case"**



**DEVELOPER
COMMANDS**

**NO MIKE STOP
THIS RIGHT
NOW**



```
export HOMEBREW_UPDATE_TO_TAG=1
```

**YES MIKE
START THIS
RIGHT NOW**



```
export HOMEBREW_DEVELOPER=1
```

**Feature
flags**

**Would you like to
try my new
feature**

**Would you like to
try my new
feature
(it is completely
broken) 🧨**

does Mike

hate

me?

(not yet)



```
export HOMEBREW_GIMME_DAT_BROKEN_FEATURE=1
```

```
if ENV["HOMEBREW_GIMME_DAT_BROKEN_FEATURE"] ]
```

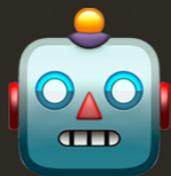
```
if HOMEBREW_DEVELOPER=1
```

```
if HOMEBREW_DEV_CMD_RUN=1
```

stable

Mike 

then

CI 

then

Maintainers 

then

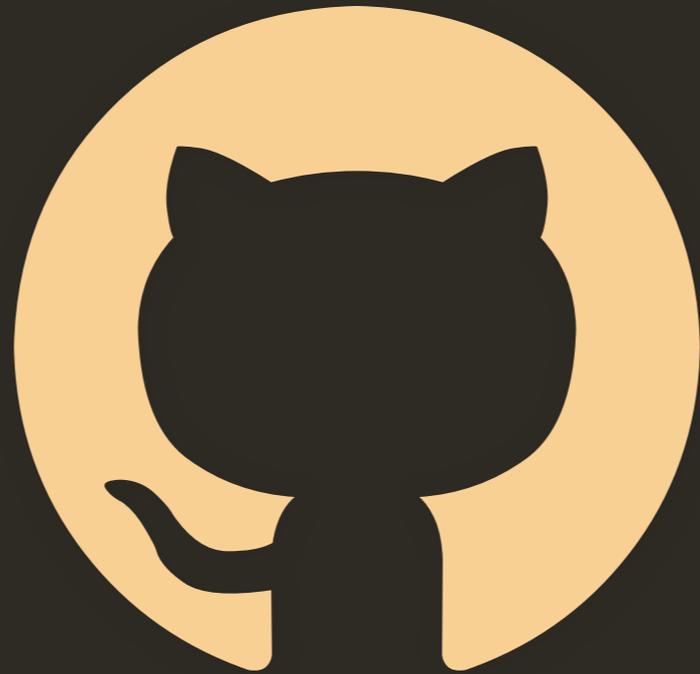
Beta Users 

then

Everyone 

**Would you like to
try my new
feature
(it is completely
broken) 🧨**

**Would you like to
have new
features
(not completely
broken) 🌤️**



(blatant employer plug)

Mike

then

Mike's team

then

GitHub staff

then (sometimes)

Maintainers

then (sometimes)

Beta Users

then

Everyone

Funding

**Would you like to
have new
features
(is open source
broken) 🧨**

**(like a
database but
EVEN BETTER)**



**(I wrote the code
but now
I want a
Tesla)**



(VCs:

**As long as you give us
unsustainable growth
forever: here's
millions of \$\$\$\$)**



(Amazon won't give

us

money

it's so

unfair!!!!1)

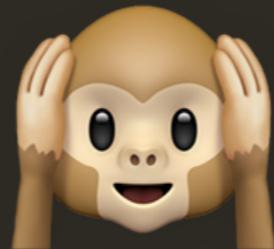


**is
open source**

broken? 

**are
open source
companies
broken? 💔**

**(I don't care and
neither should
you)**



**what does your
project need
money for?**



**(I wrote the code
but now
I want a
Tesla)**



**(I wrote the code
but now
I want a
binary host)**



**(I wrote the code
but now
I want a
"cloud")**



**(I wrote the code
but now
I want a
CI system)**



2013:

Kickstarter

2013:

£14,859

2013:

4 Mac minis

**2016:
SFC**

2016:

legal entity

2016:

USA 501c3

**2016:
PayPal**

2016:

Bank

**2017:
Patreon**

2017: README

**2018:
Twitter**

2019:

brew

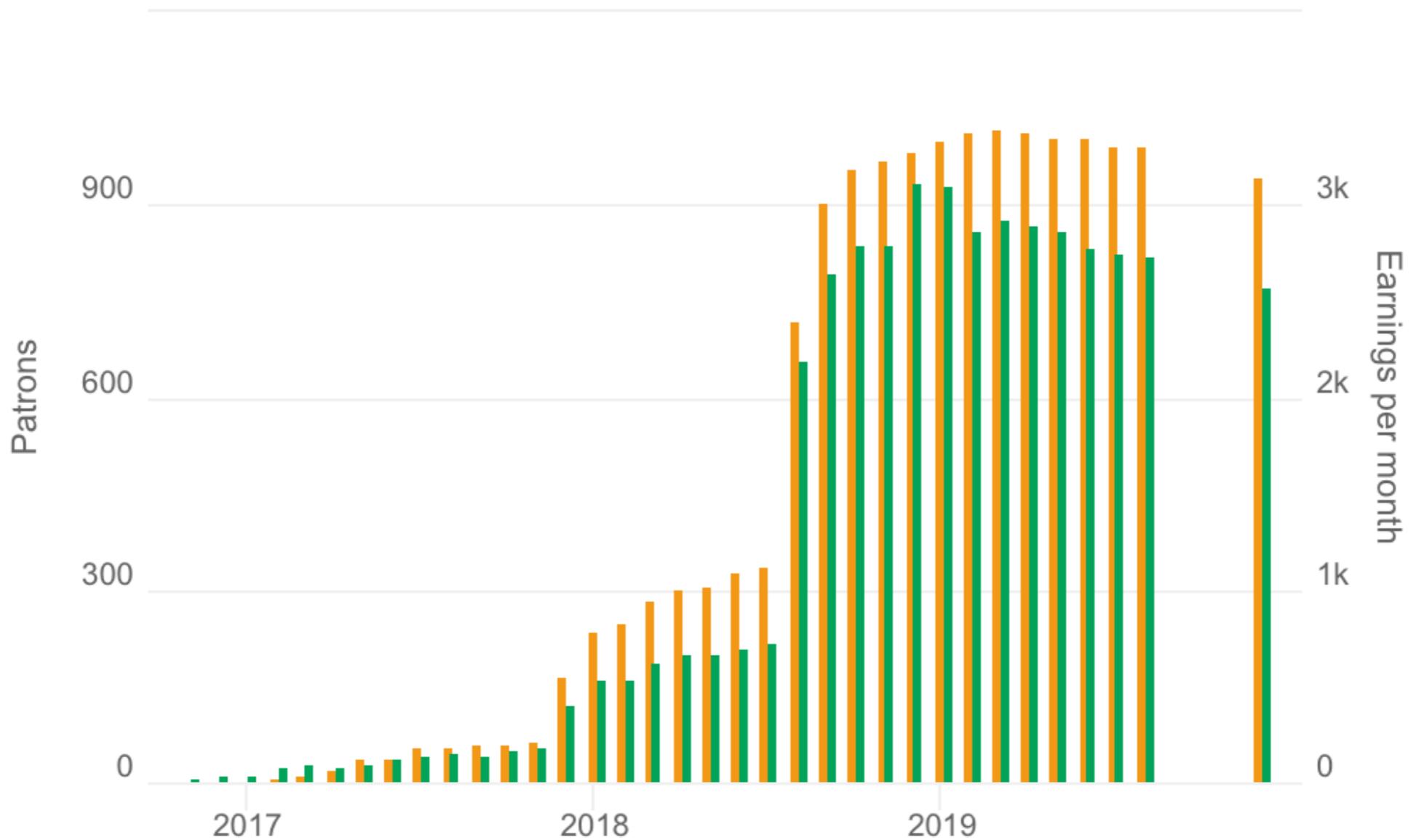
would you like to donate

Homebrew

Patreon Monthly



Zoom 6m 1y 2y 3y **All**



Graphtreon.com

● Patrons

946

↑31,433.3%

● Earnings

\$2,577

↑8,347.5%

● Per patron

\$2.72

↓73.2%

2019:

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user data!**

would you like to donate

Homebrew

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Homebrew

SOLD OUT!!!!1111

Homebrew

Still Quite Good™