

# Deploying APPS with Heroku

Joe Kutner  
@codefinger

**Who has written a web  
app before today?**

**who has run a web  
app on the Internet?**

# What languages are you comfortable with?

Node.js

Python

Ruby

Java

PHP

C#

# Joe Kutner

Java Language Owner  
@ Heroku

 @codefinger

<https://jkutner.github.io/>



The  
Pragmatic  
Programmers

# Deploying with JRuby 9k

Deliver Scalable Web  
Apps Using the JVM



**Joe Kutner**

Edited by Brian P. Hogan

The  
Pragmatic  
Programmers

# The Healthy Programmer

Get Fit, Feel Better,  
and Keep Coding

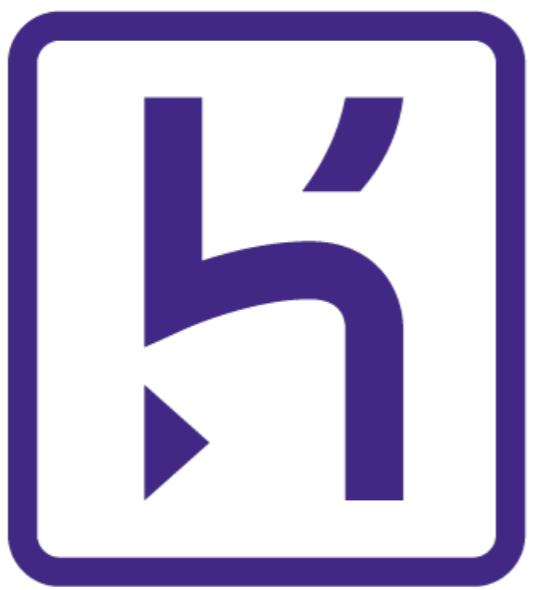


**Joe Kutner**

Foreword by Dr. Ed Wallitt,  
physician and software developer

*Edited by Brian P. Hogan*

**<http://healthyprog.com/>**



# HEROKU

**Platform-as-a-Service (PaaS)**

**YOUR APP**

SECURITY

LOGGING MONITORING  
?

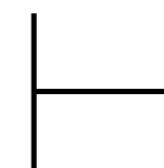
ORCHESTRATION

OS

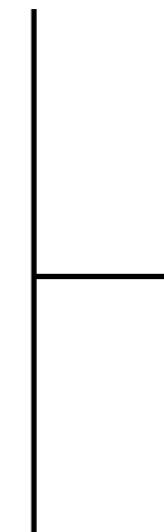
VIRTUALIZATION

NETWORKING

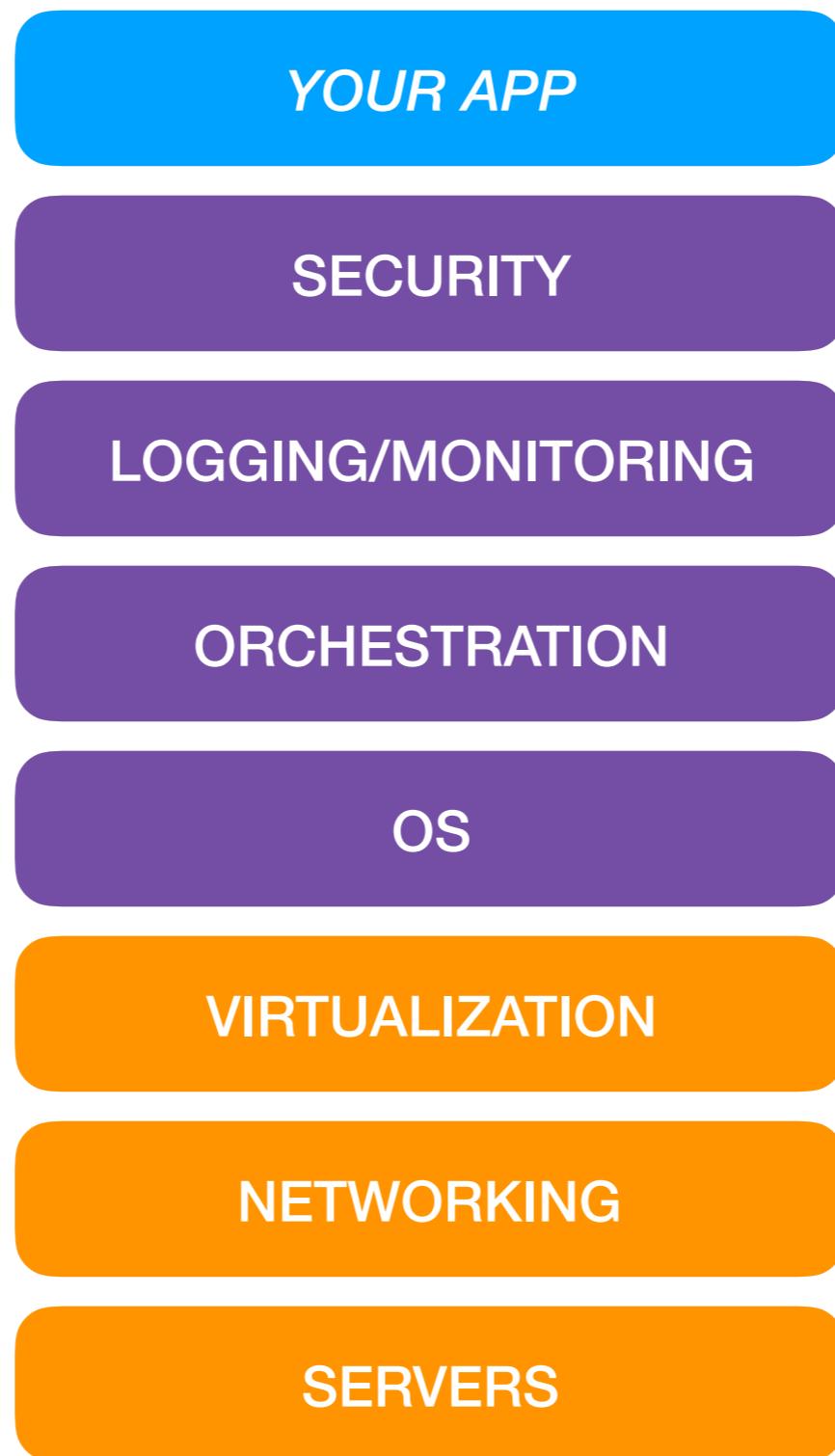
SERVERS

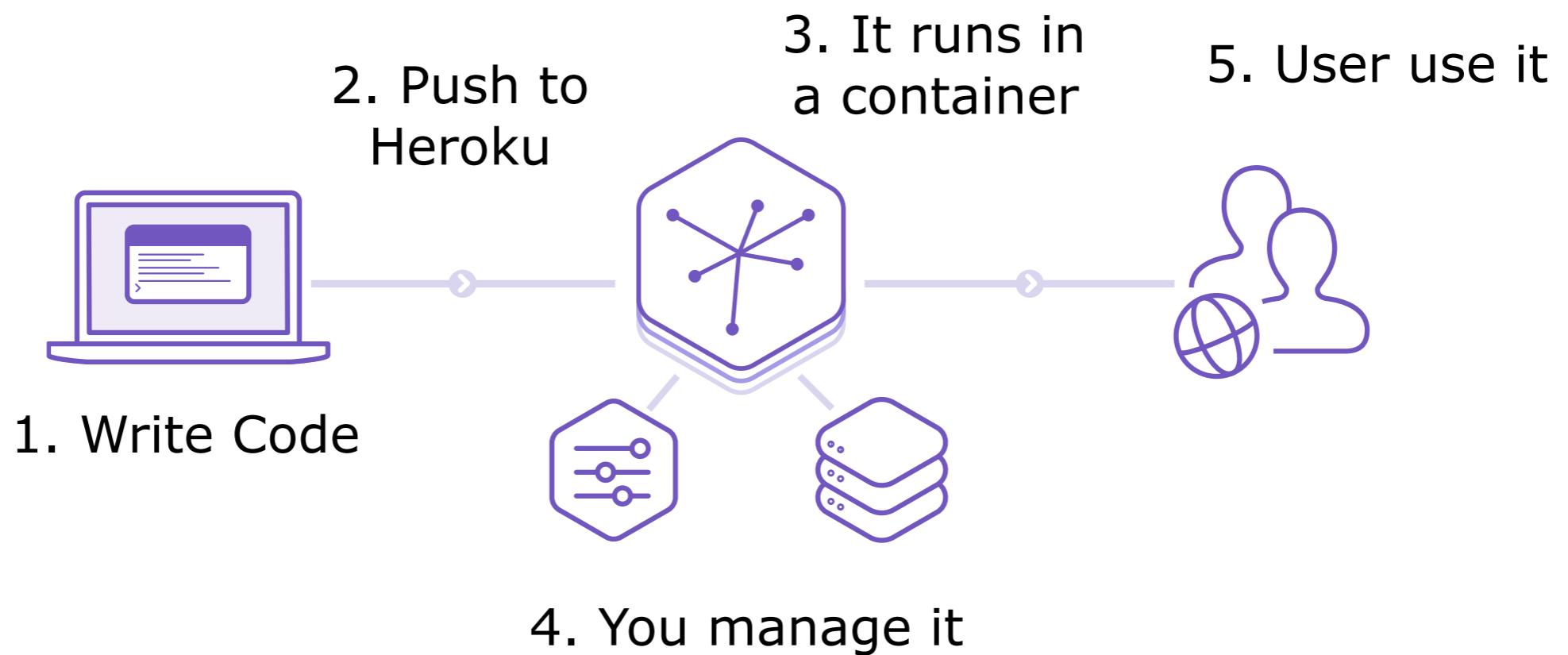


**You manage**



**IaaS (Amazon)**







**13+ Billion**  
REQUESTS / DAY



**6+ Million**  
APPS CREATED



**150+**  
ADDON SERVICES

# Install Git

**Mac**

```
$ git --version
```

**Windows**

<https://gitforwindows.org/>

# Install Heroku CLI

<https://cli.heroku.com>



[Download the installer](#)

Also available via Homebrew:

```
$ brew install heroku/brew/heroku
```



Download the appropriate installer for  
your Windows installation:

[64-bit installer](#)

[32-bit installer](#)

# Create a Heroku account

<https://signup.heroku.com>

then...

```
$ heroku login
```

**to the terminal...**

# Heroku CI

HEROKU Jump to Favorites, Apps, Pipelines, Spaces... Dashboard Logout

Do dod > herokudata

GITHUB heroku/herokudata ⭐ ?

Pipeline Tests Settings

All Branches + New Test

SATURDAY

#245 Teach PostgresDatastoreInfo to fetch metrics a... postgres-metrics Tests passed 2 days ago

FRIDAY

#244 Upgrade react-malibu dep master Tests passed 2 days ago

#243 Upgrade react-malibu dep dep-upgrade-fixes Tests passed 2 days ago

TUESDAY

#242 Disable follower creation for ... do-not-let-people-who-cannot-crea. Tests failed 5 days ago

06/03/2017

#241 Simplify format handling don't-format-json-twice Tests passed 9 days ago

#245 passed in 3m 11s Run Again ⋮

postgres-metrics performance-l 2 days ago ...

▶ TEST SETUP SUCCEEDED

▼ TESTS SUCCEEDED

```
#postgresReset
  ✓ calls the shogun endpoint and returns the resulting promise
clipQuery
  #resolve
    ✓ returns the clip (38ms)
    ✓ fails if the user does not have access to the clip's target database
createClipMutation
  #resolve
    ✓ creates a new clip and clip version, enqueues execution, and returns the clip
    ✓ creates a datastore if necessary (41ms)
    ✓ fails if the user does not have access to the target database
listClipsQuery
  #resolve
```



## Heroku for GitHub students

A special offer for students enrolled in the GitHub Student Developer Pack.

**<https://www.heroku.com/github-students>**

**Free Hobby Dynos**

# Getting Started

**Node** <https://devcenter.heroku.com/articles/getting-started-with-nodejs>

**Ruby** <https://devcenter.heroku.com/articles/getting-started-with-ruby>

**Python** <https://devcenter.heroku.com/articles/getting-started-with-python>

**Java** <https://devcenter.heroku.com/articles/getting-started-with-java>

**PHP** <https://devcenter.heroku.com/articles/getting-started-with-php>

# Thank You!

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