## WHAT, WHY AND HOW TO JAMSTACK

PHIL HAWKSWORTH



February 2019

### SIACIS FOR DAYZ

N LAMP MAMP XAMP ROR WISA ME WISA MEAN LAMP MAMP XAMP ROR

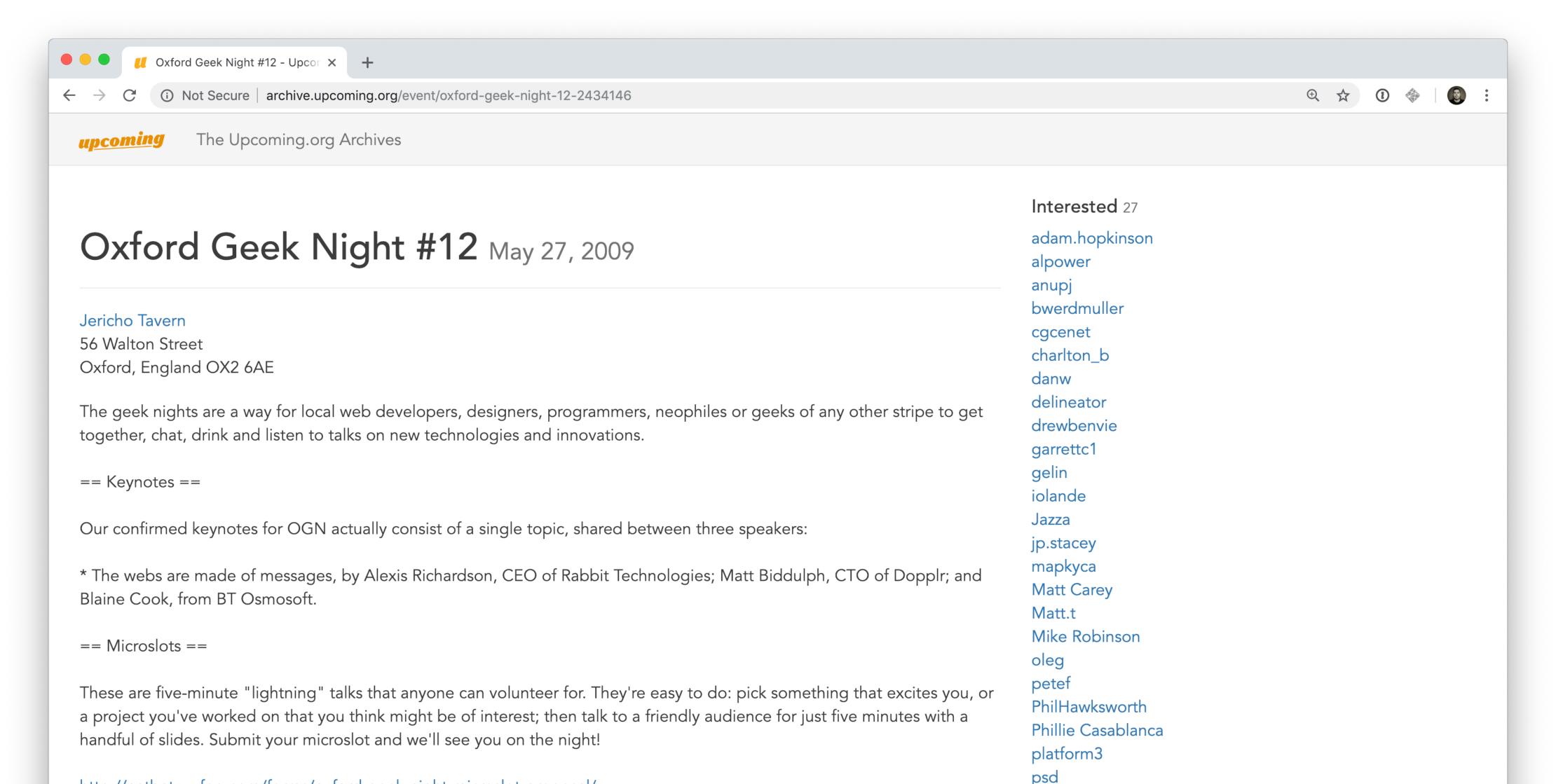






#### FINDTHAT.AT/THEPAST

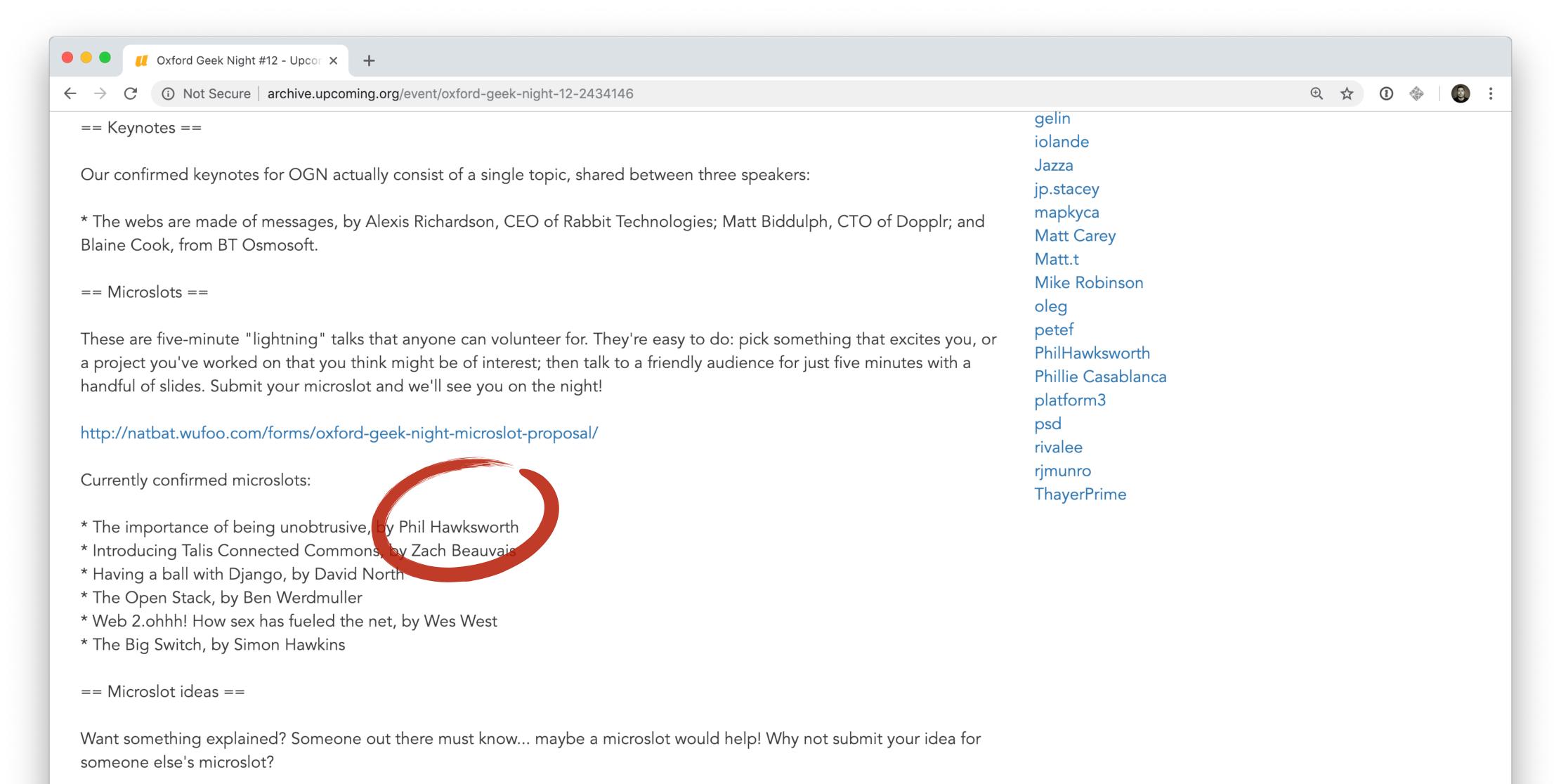
http://archive.upcoming.org/event/oxford-geek-night-12-2434146



February 2019

#### FINDTHAT.AT/THEPAST

http://archive.upcoming.org/event/oxford-geek-night-12-2434146





#### STATIC / PRE-RENDERED / JAMSTACK



PHIL HAWKSWORTH









/'statik/

lacking in movement, action, or change, especially in an undesirable or uninteresting way.

/'statik/

lacking in movement, action, or change, especially in an undesirable or uninteresting way.

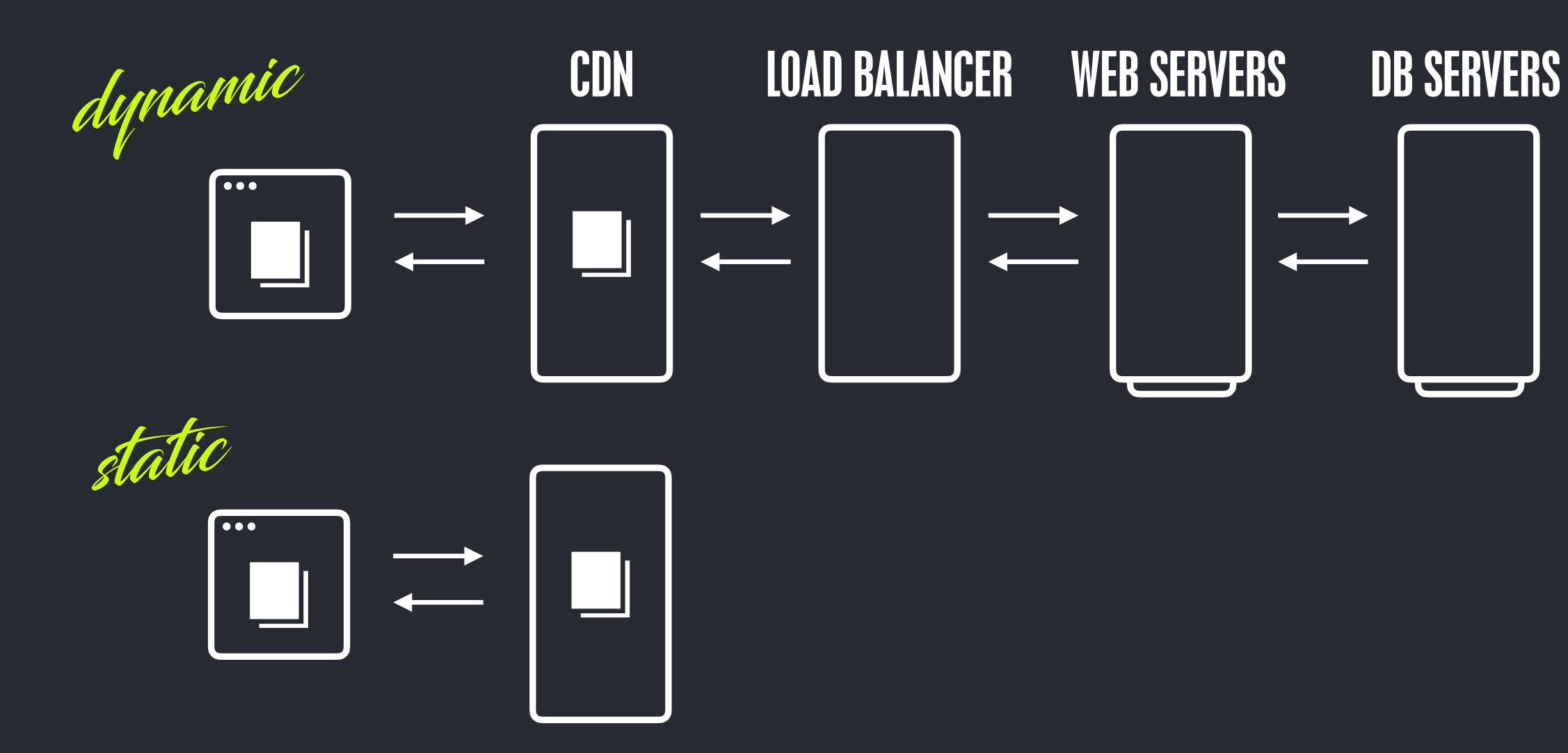


## ARCHIECTURE EMPERIENCE!



# 



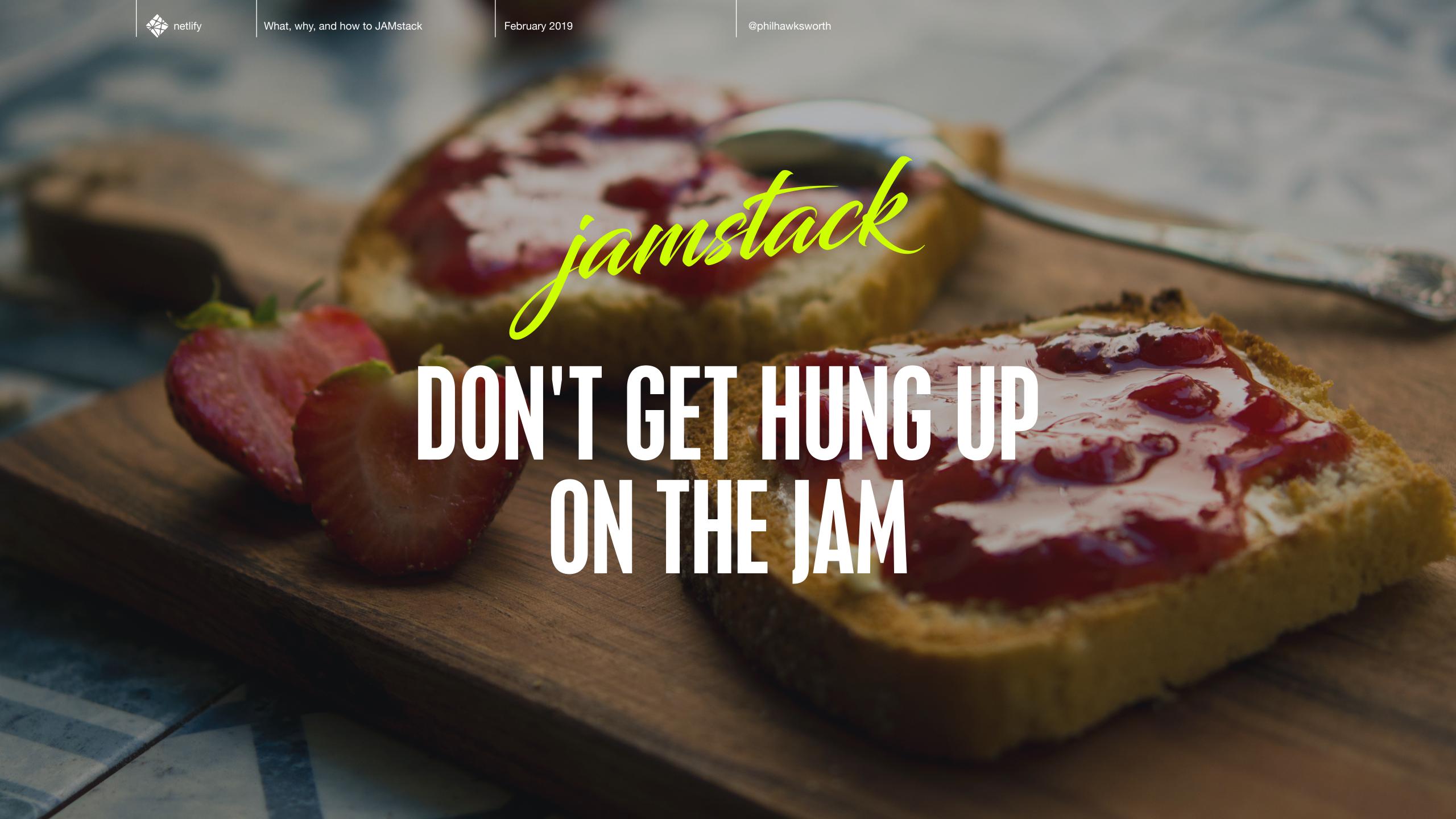


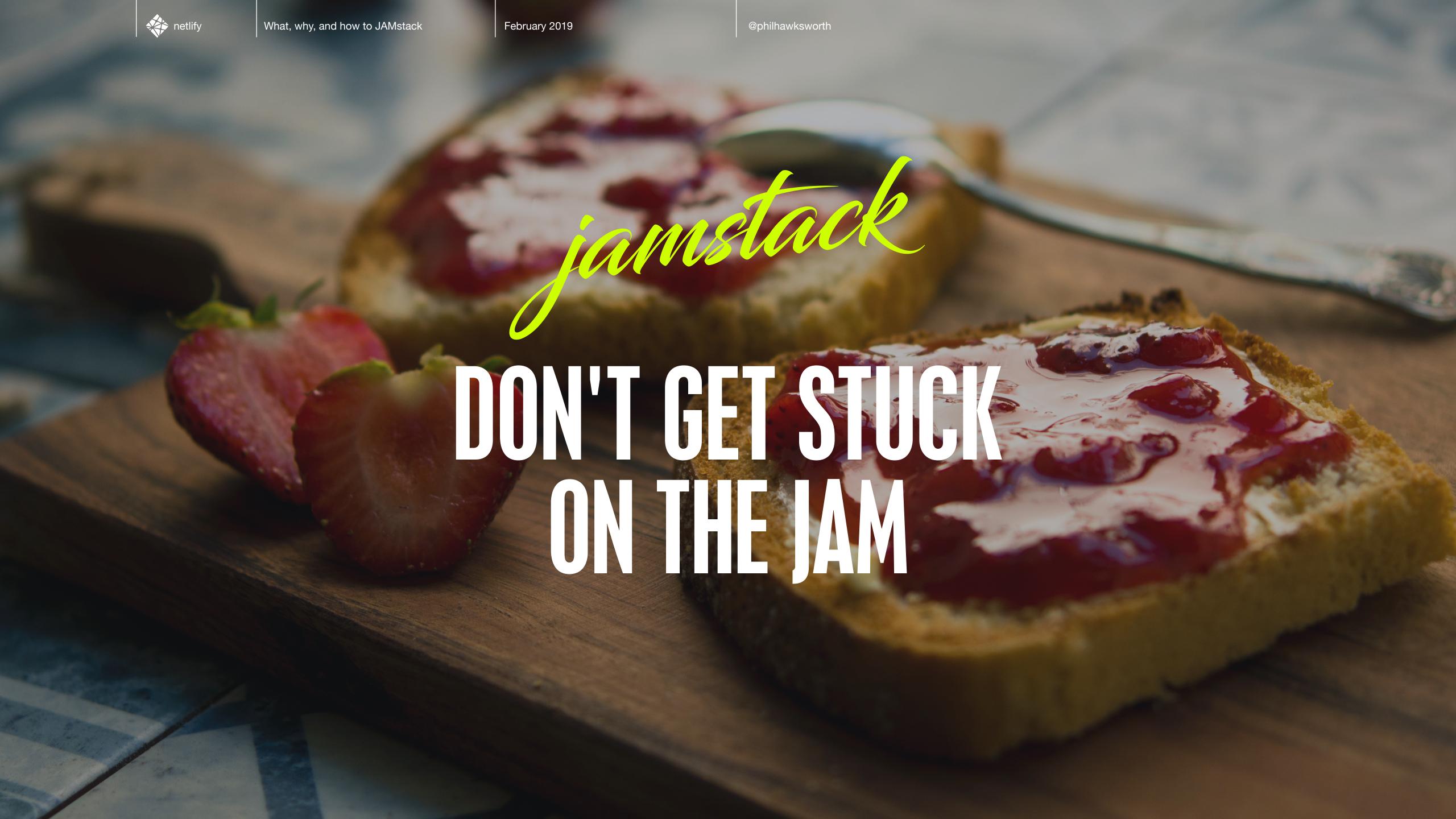


#### CAPABLE OF BEING SERVED DIRECTLY FROM A CON



#### NO WORK TO BE DONE AT REQUESTIME









## CAPABLE OF BEING SERVED DIRECTLY FROM A CDN

## CAPABLE OF BEING ENHANCED WITH LAVASCRIPT AND APIS



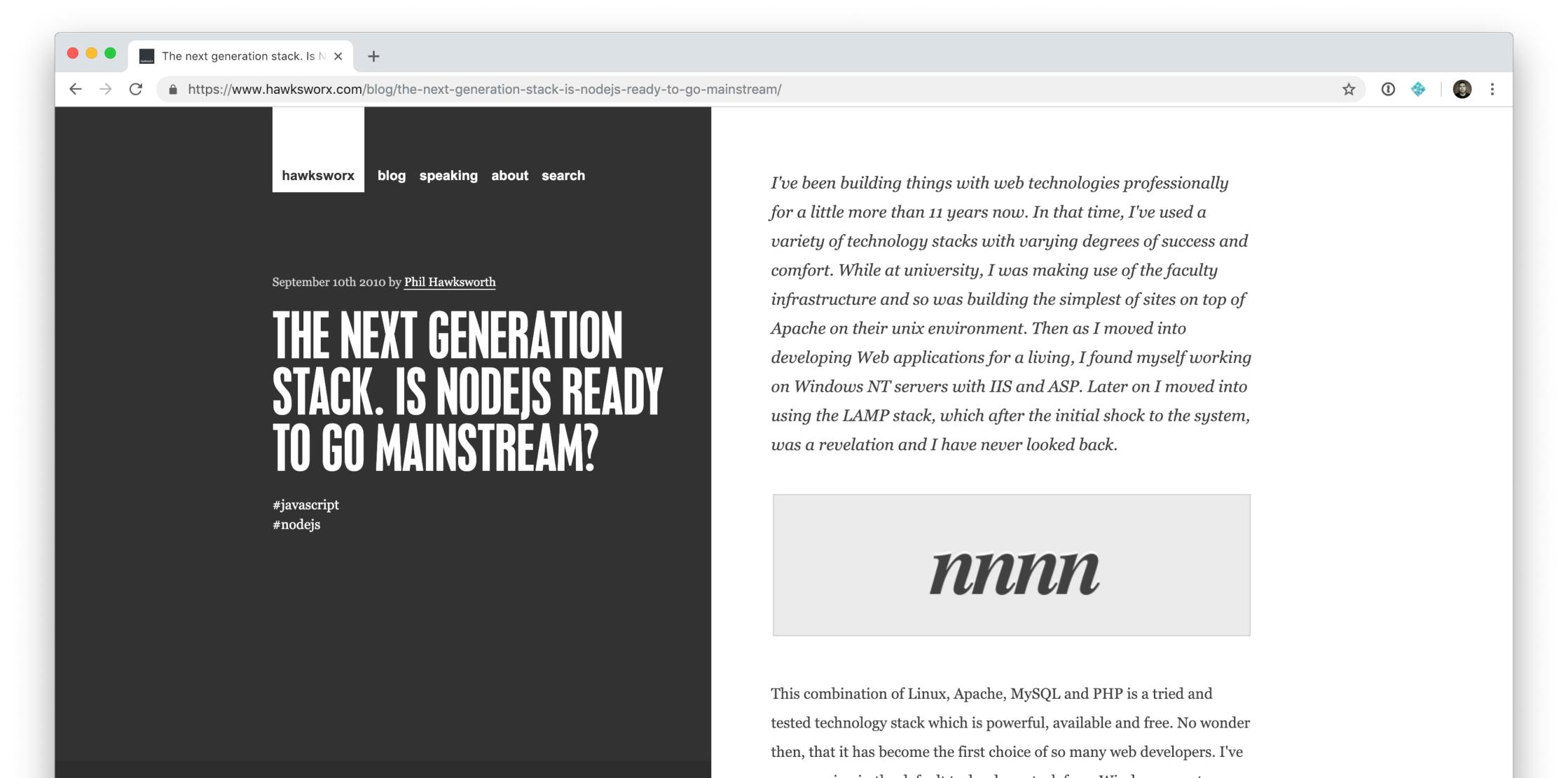
#### I SOMETIMES BUILT LAMP STACK SITES ON A MAC, AND I DIDN'T ALWAYS USE MYSOL

MAP STACK



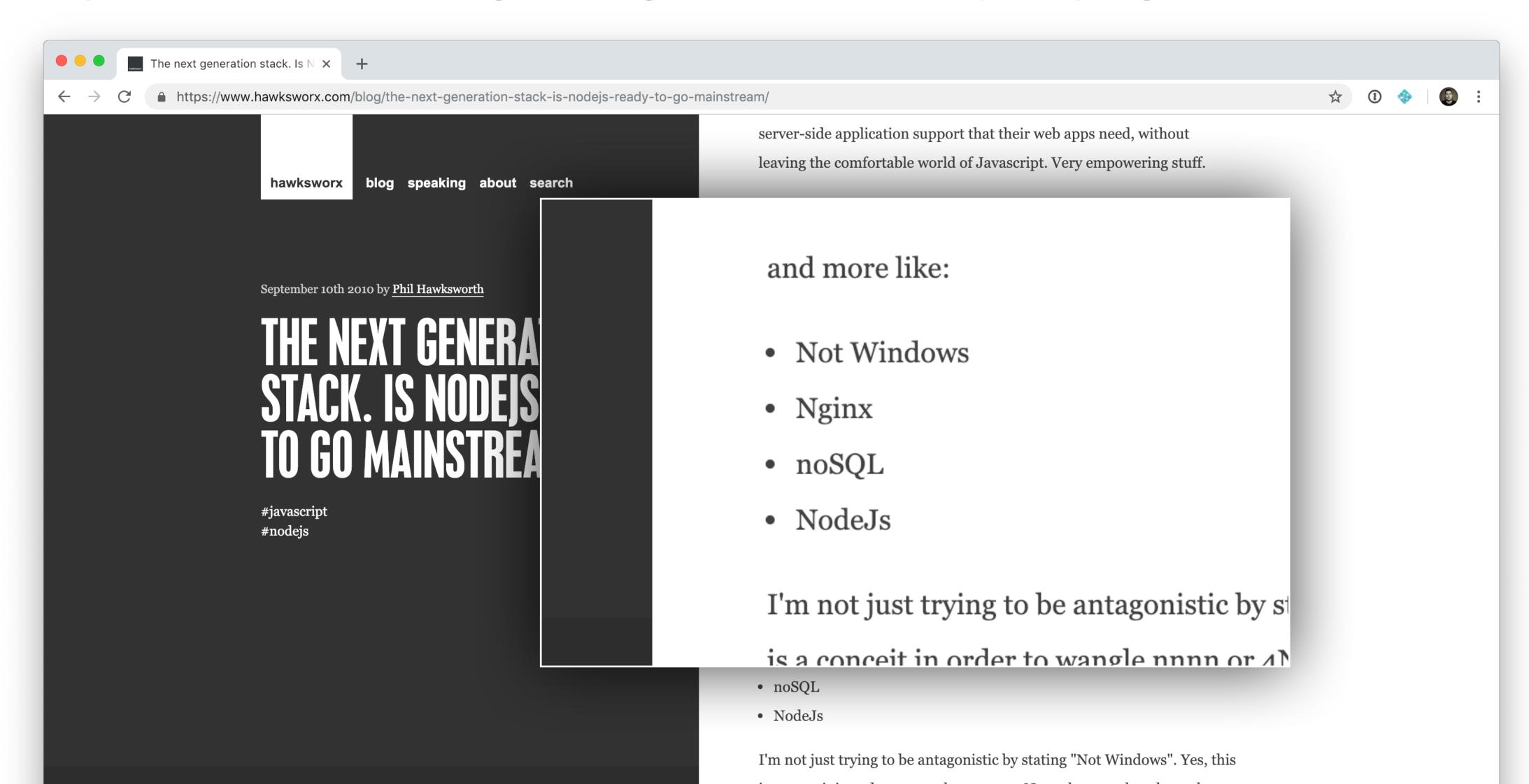
#### FINDTHAT.AT/NNN

https://www.hawksworx.com/blog/the-next-generation-stack-is-nodejs-ready-to-go-mainstream/



#### FINDTHAT.AT/NNN

https://www.hawksworx.com/blog/the-next-generation-stack-is-nodejs-ready-to-go-mainstream/



# WELL ACTUALLY... THIS JAMSTACK STUFF IS NOTHING NEW

THAT VOICE ON THE INTERNET



February 2019

## I CARE ABOUT NOT HAVING TO MAINTAIN CRANKY AOLSERVER, POSTGRES AND ORACLE INSTALLS

AARON SWAGTZ



# WHAT, WHY AND HOW TO JAMSTACK

PHIL HAWKSWORTH



## BROWSERS

EVERGREEN / RICH APIS / OFFLINE / PERFORMANCE / STANDARDISATION

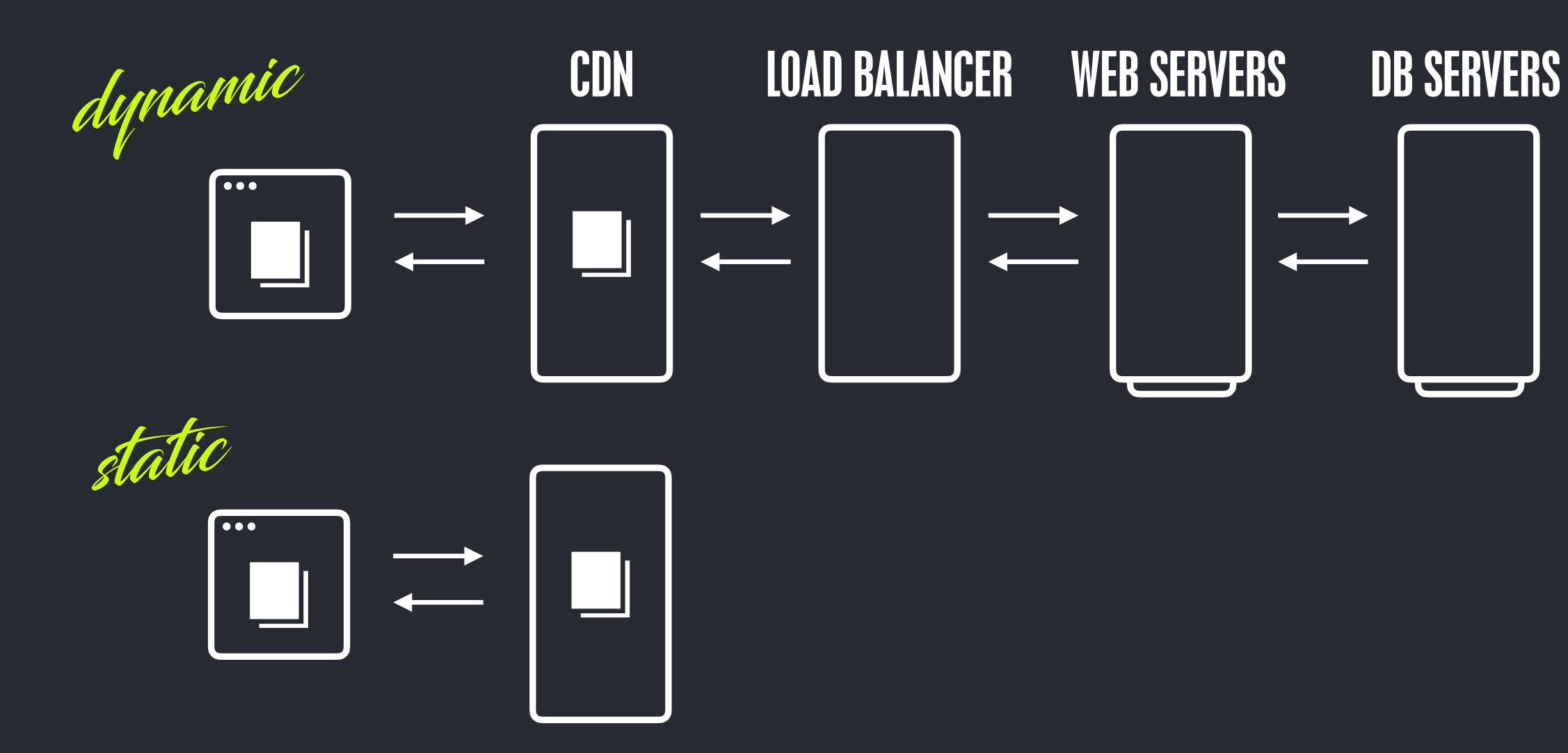
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## 

GENERATORS / CONTENT / ASSETS / AUTHENTICATION / E-COMMERCE / SEARCH

## INFRASTRUCTURE

TOOLING / CDN / CI/CD / AUTOMATION / TRIGGERS / EVENTS



## LAUNCH DAY

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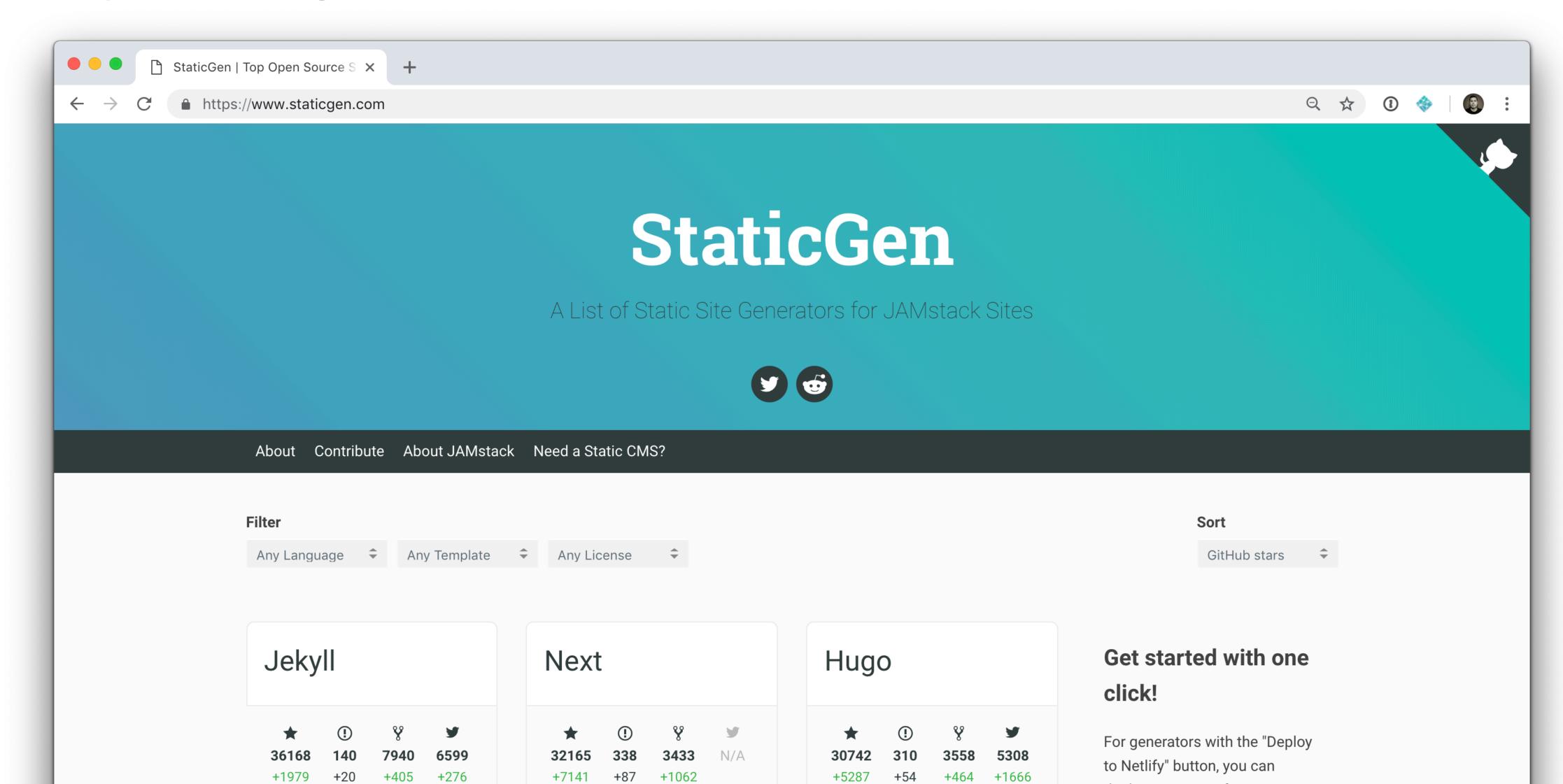


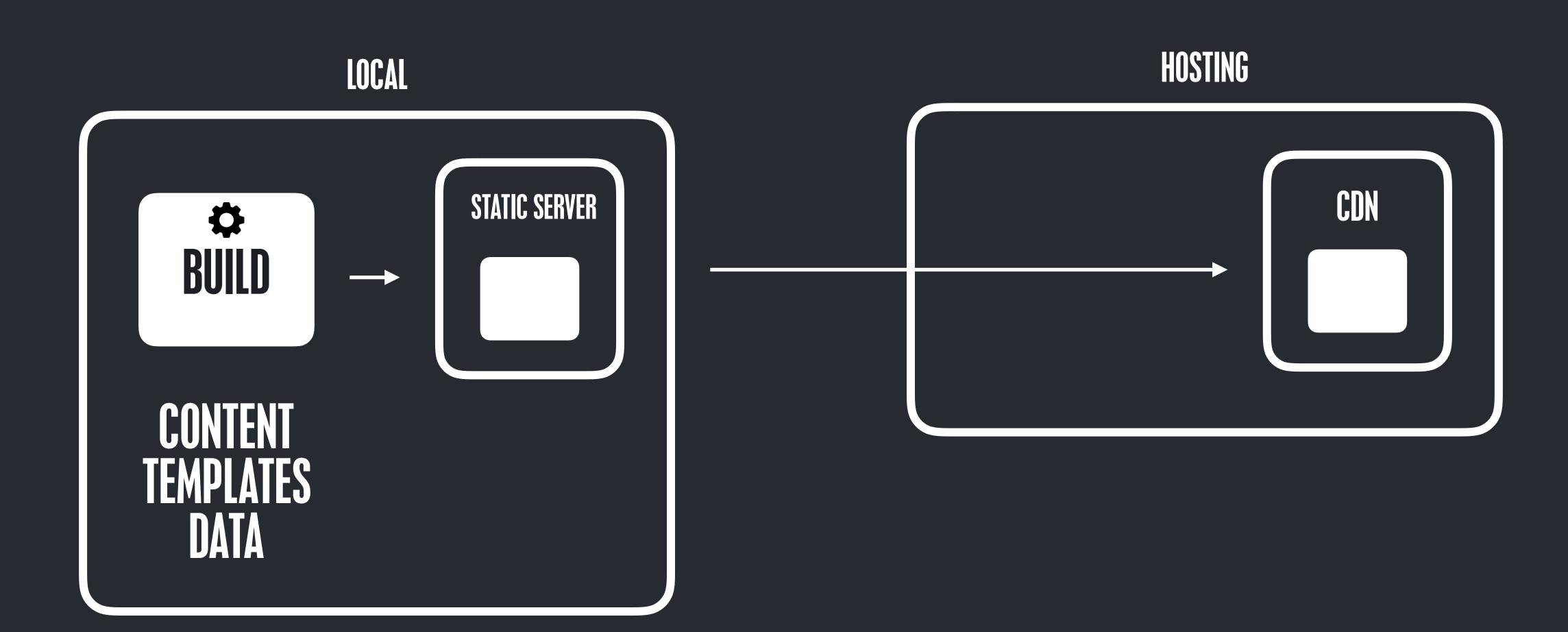




#### FINDTHAT.AT/SSGS

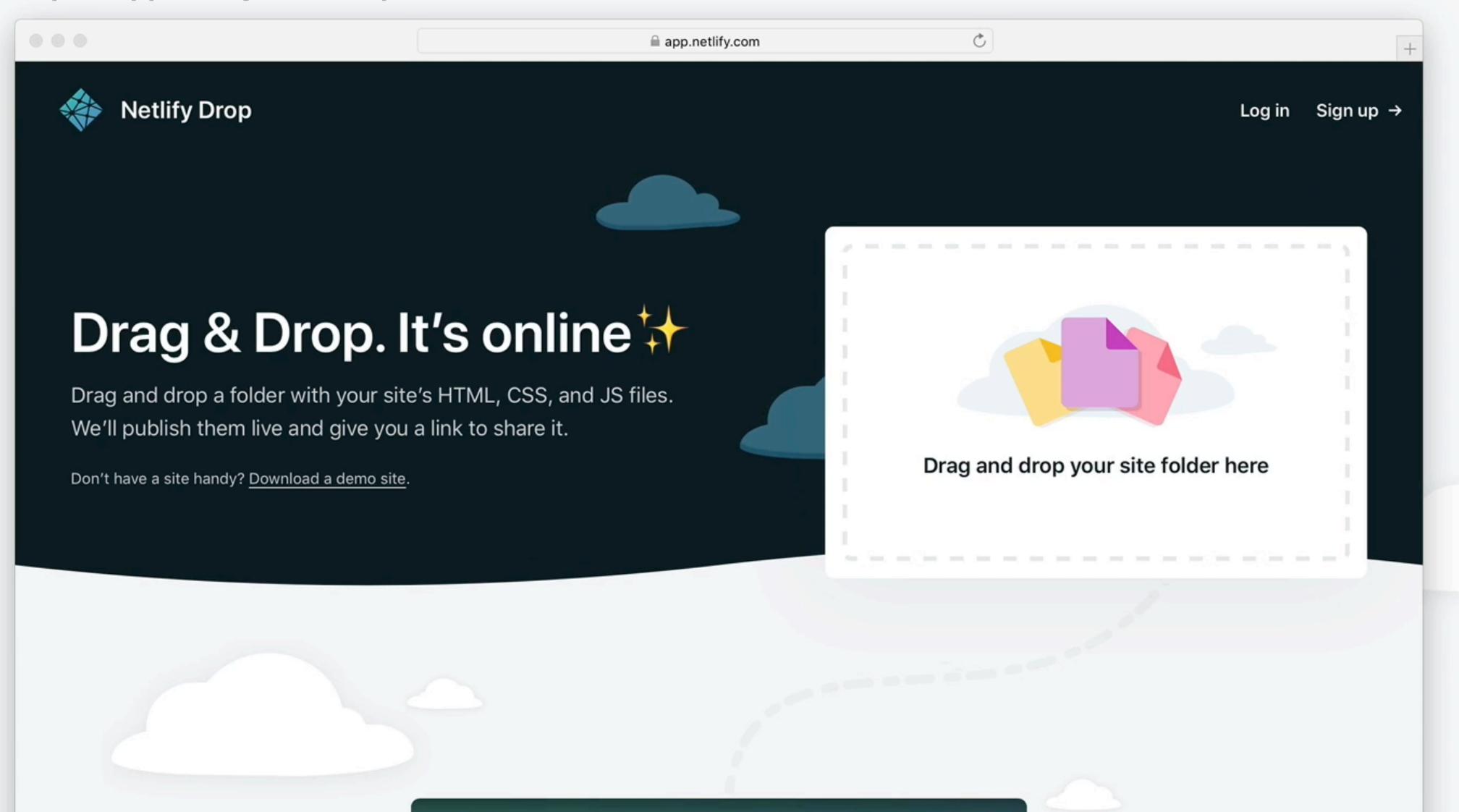
https://www.staticgen.com/





#### FINDTHAT.AT/DROP

https://app.netlify.com/drop















netlify

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## 

REPEATABILITY / PREDICTABILITY / ACCOUNTABILITY / AGILITY

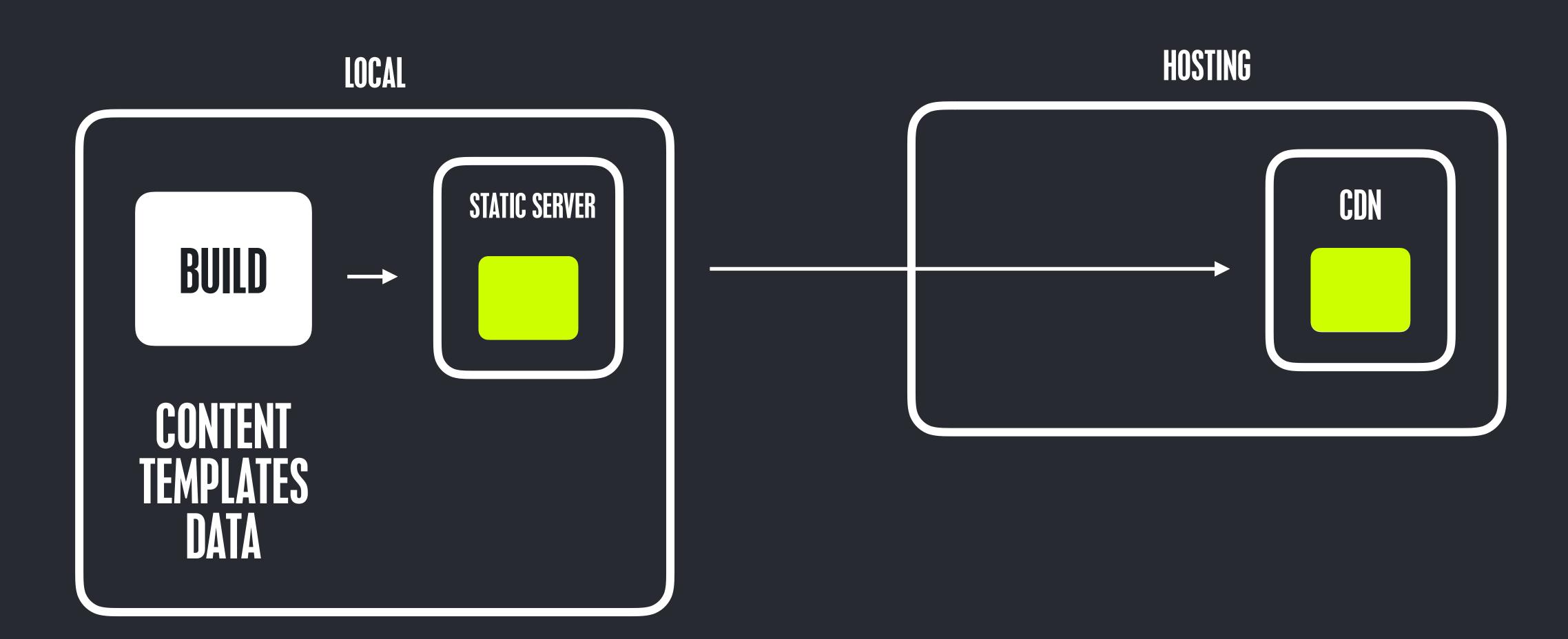
@philhawksworth

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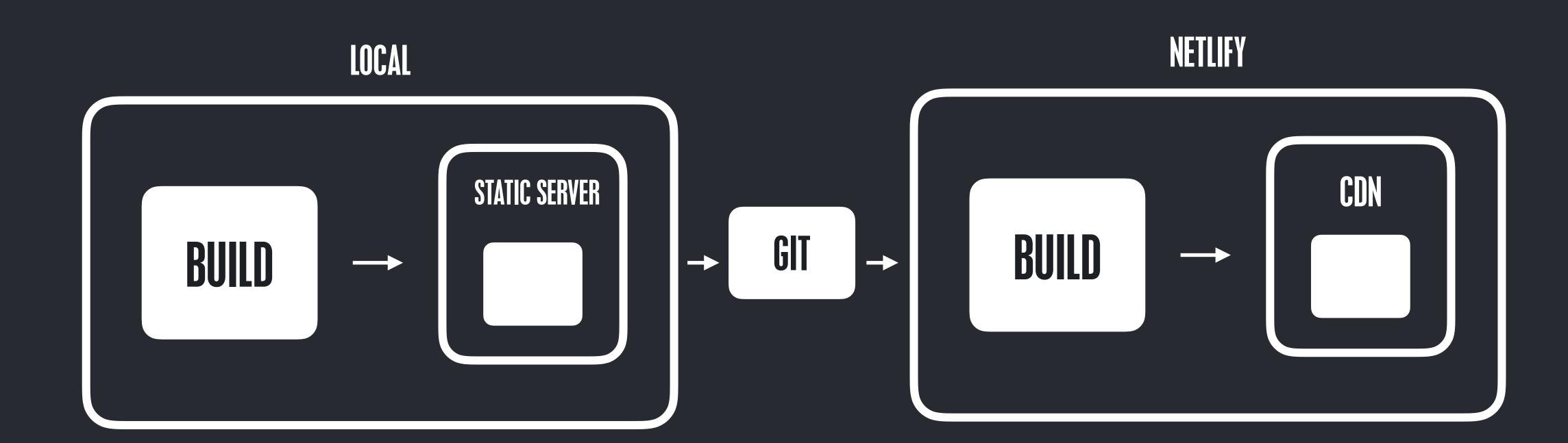
REPEATABILITY / PREDICTABILITY / COMNFIDENCE / VERSION CONTROL



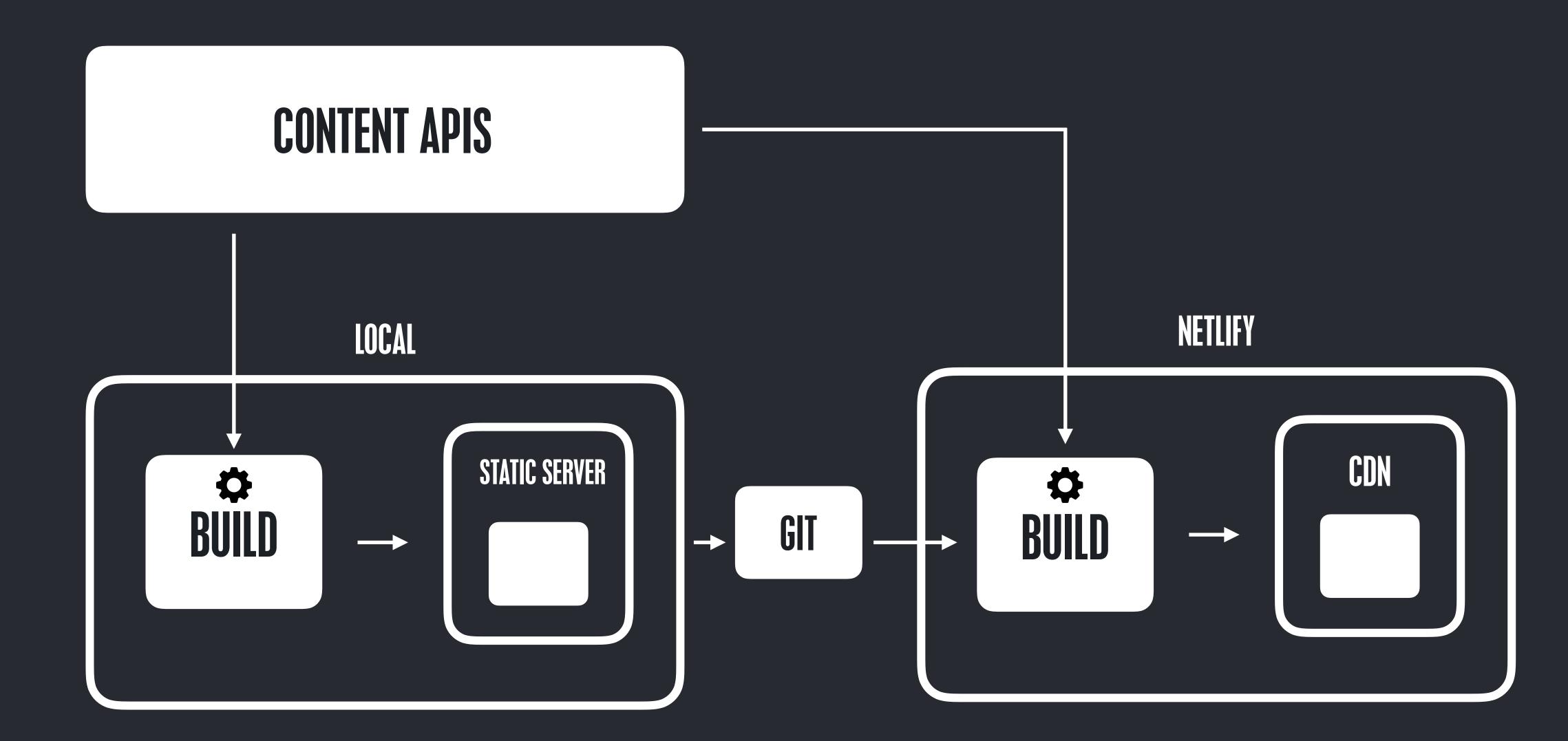


netlify



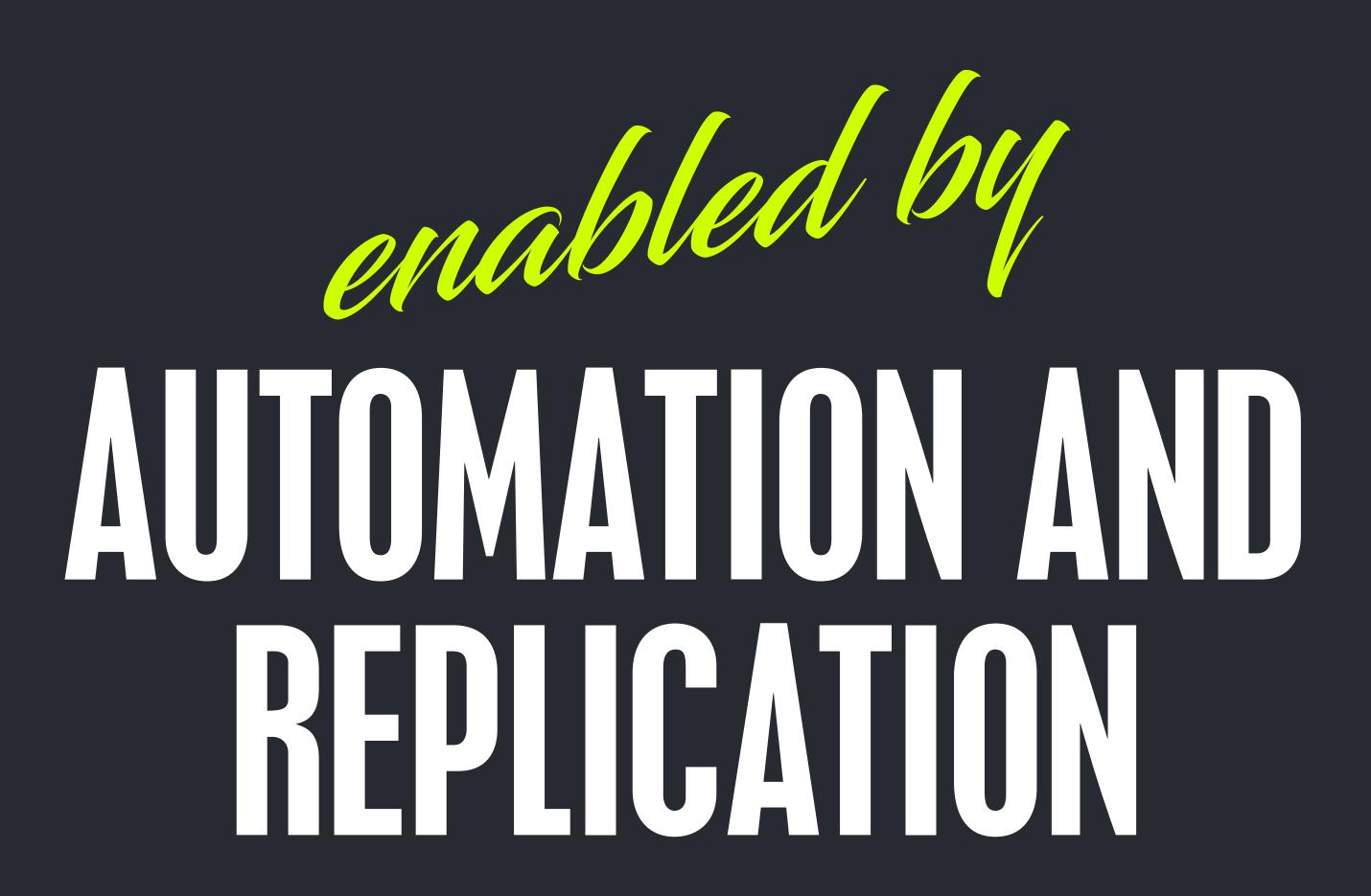


## DATA SOURCES



## PROVEIT, PHIL

netlify



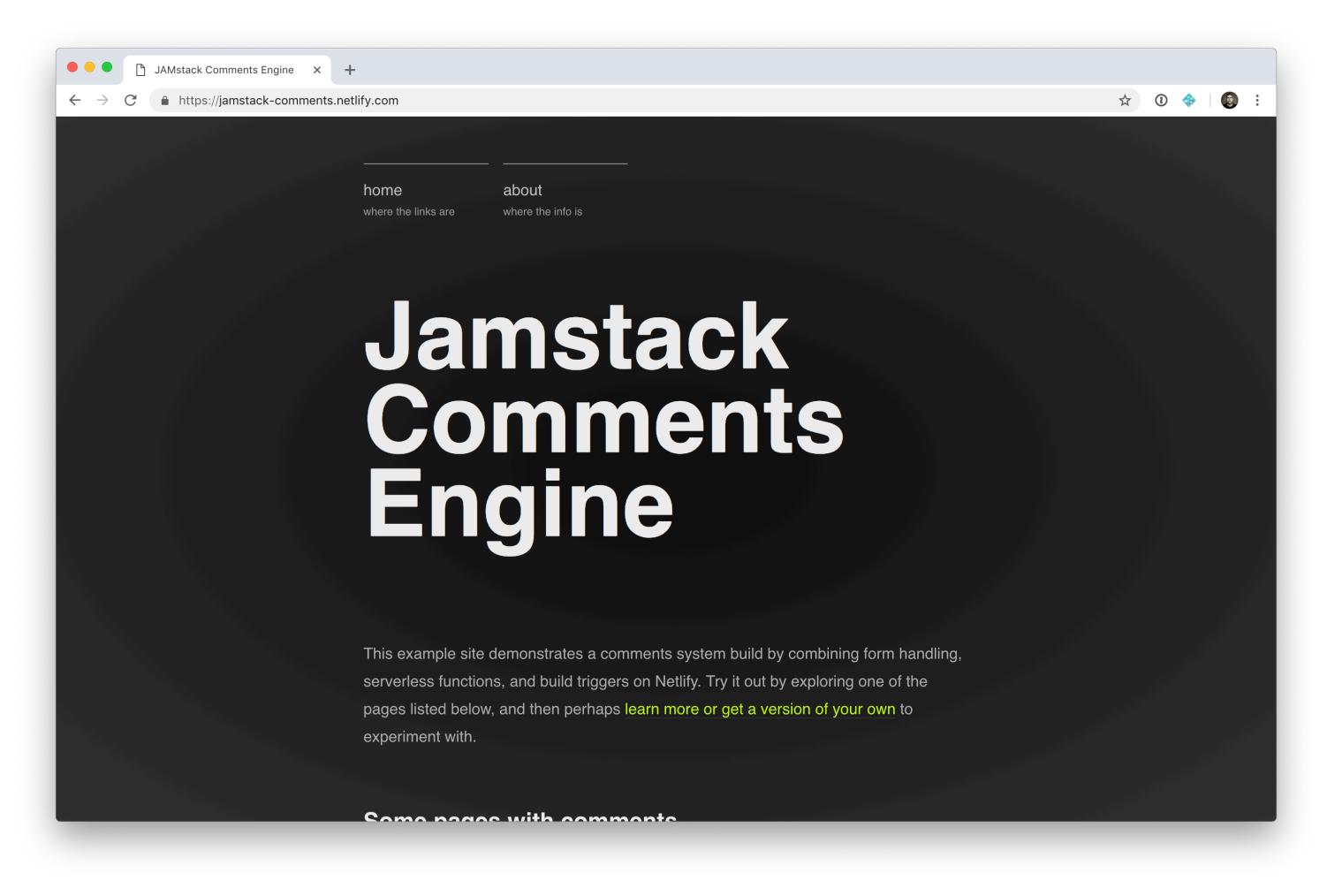
## PROVEIT, PHIL

netlify



#### FINDTHAT.AT/COMMENTS

https://jamstack-comments.netlify.com



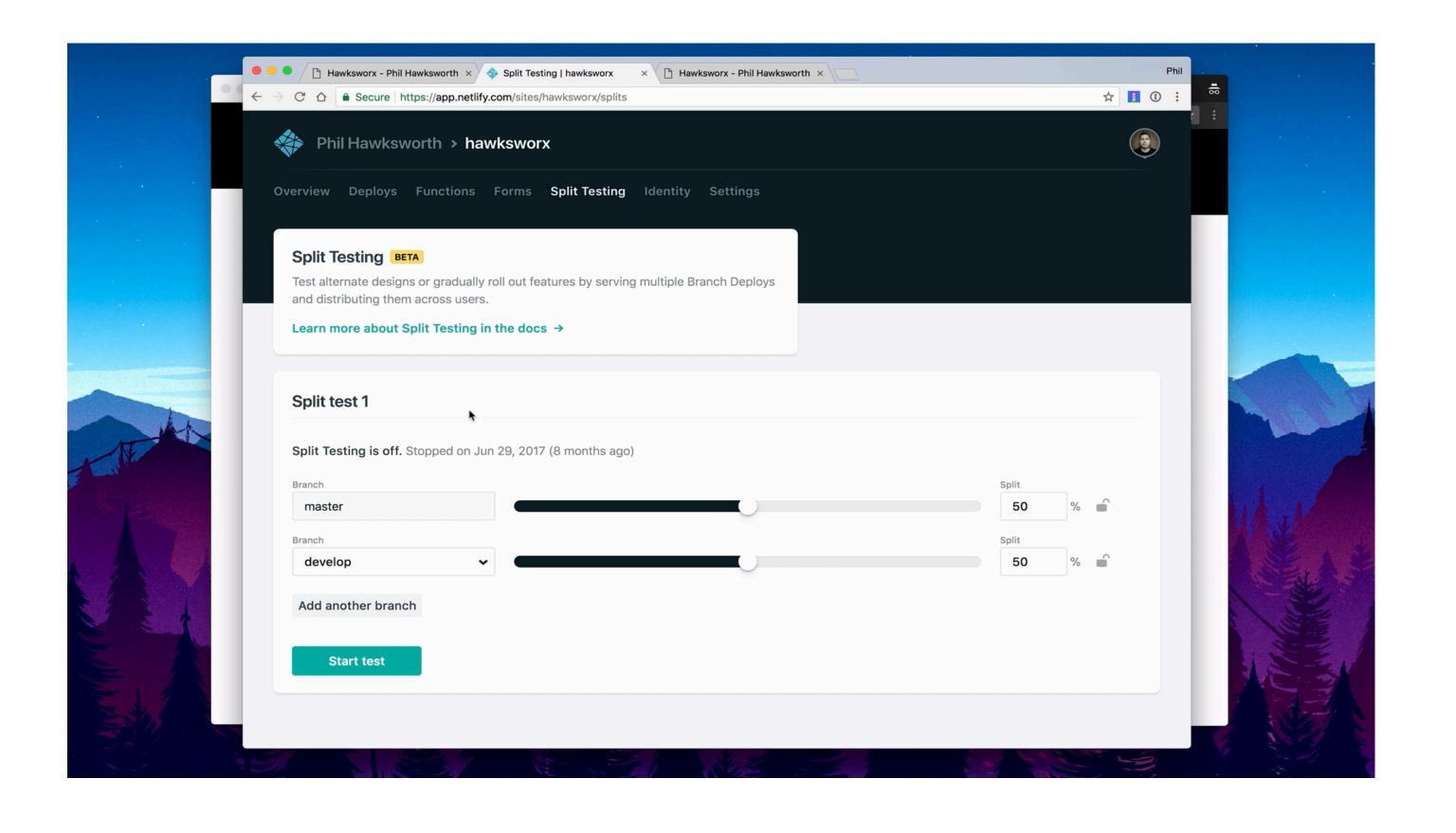
#### ZERO JAVASCRIPT DEPENDENCIES

COMMENTS AS PAGE CONTENT

NOTIFICATIONS AND MODERATION VIA SLACK

#### FINDTHAT.AT/AB

https://www.youtube.com/watch?v=5VgpJJUOng4



#### ZERO JAVASCRIPT DEPENDENCIES

### VARIANTS ALL DEPLOYED AS PRODUCTION

ZERO PERFORMANCE OVERHEADS

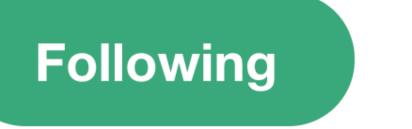
netlify











free side project idea: HTML-only static site generated clock that deploys a new version to @netlify every minute

8:54 PM - 19 Jul 2018

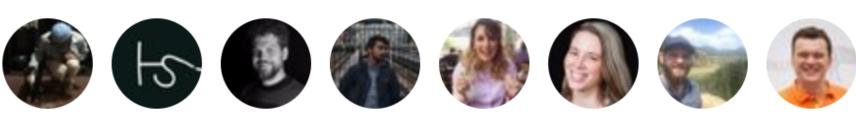
30 Likes







































Replying to @zachleat @hankchizljaw @Netlify

Would be clever marketing for Netlify for sure. \_Builds so cheap you can set your clock by them.\_

(I'm still workshopping it.)

9:12 PM - 19 Jul 2018









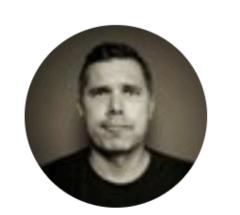








February 2019



#### **Phil Hawksworth** @philhawksworth

Replying to @zachleat @chriscoyier and 2 others

#### Hold my beer.

10:25 PM - 19 Jul 2018

12 Likes



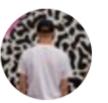




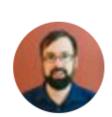
















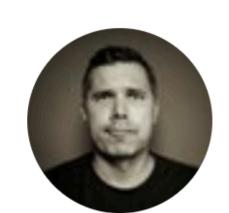












#### **Phil Hawksworth**

@philhawksworth

Replying to @philhawksworth @zachleat and 3 others

#### Only an idiot would make what you are suggesting.

#### setyourwatchby.netlify.com

2:02 PM - 20 Jul 2018

12 Retweets 41 Likes















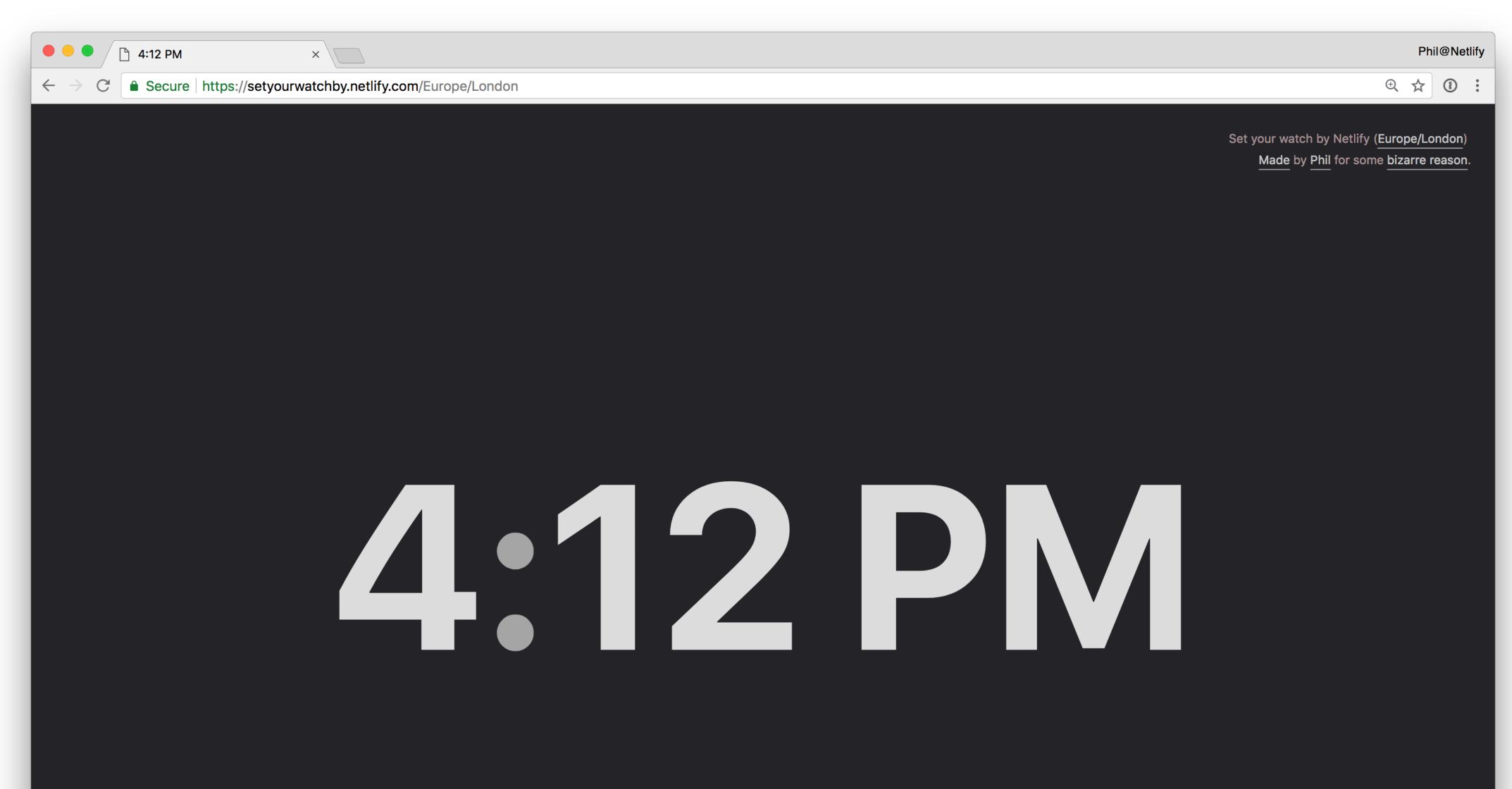






#### FINDTHAT.AT/TIME

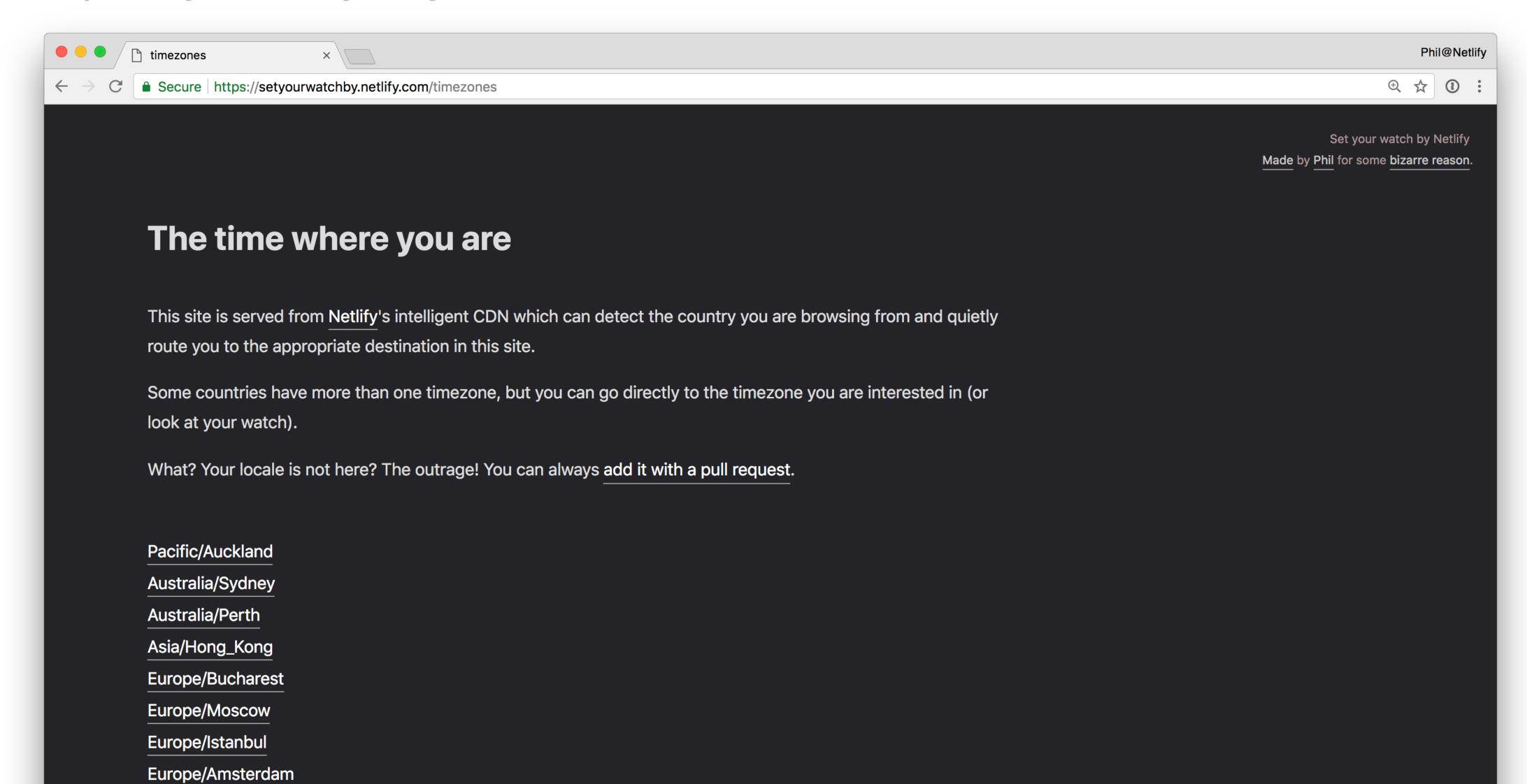
https://setyourwatchby.netlify.com





#### FINDTHAT.AT/TIME

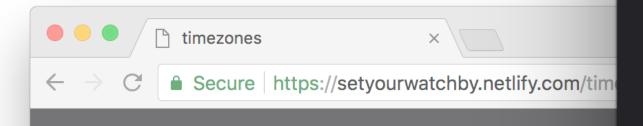
https://setyourwatchby.netlify.com





#### FINDTHAT.AT/TIN

https://setyourwatchby.netlify.



#### The time where you

This site is served from Netlify's intellige route you to the appropriate destination

Some countries have more than one time look at your watch).

What? Your locale is not here? The outra

Pacific/Auckland

Australia/Sydney

Australia/Perth

Asia/Hong\_Kong

Europe/Bucharest

Europe/Moscow

Europe/Istanbul

Europe/Amsterdam

Pacific/Auckland

Australia/Sydney

Australia/Perth

Asia/Hong\_Kong

Europe/Bucharest

Europe/Moscow

Europe/Istanbul

Europe/Amsterdam

Europe/Paris

Europe/London

America/New\_York

America/Chicago

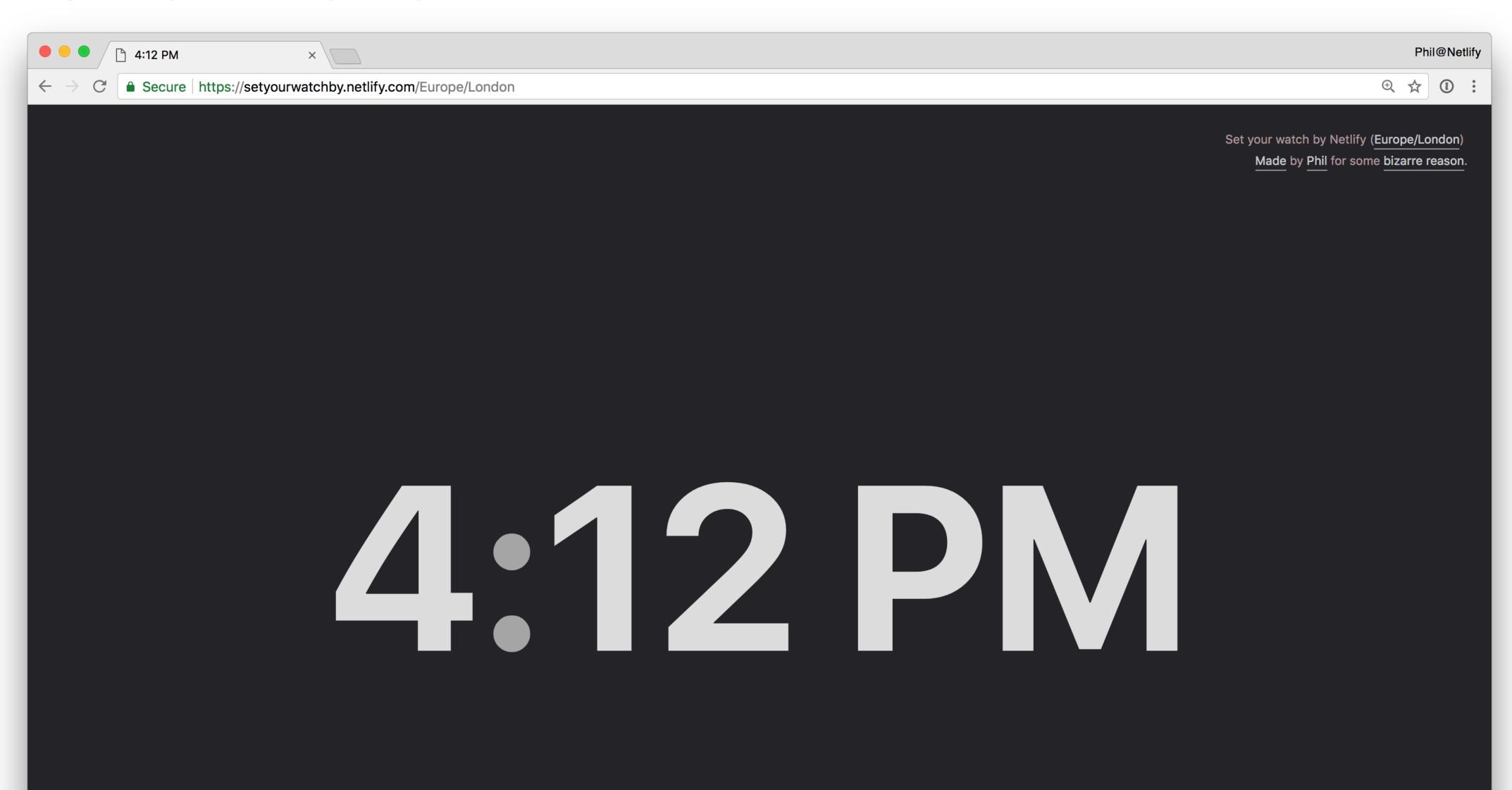
America/Denver

America/Los Angeles



#### FINDTHAT.AT/TIME

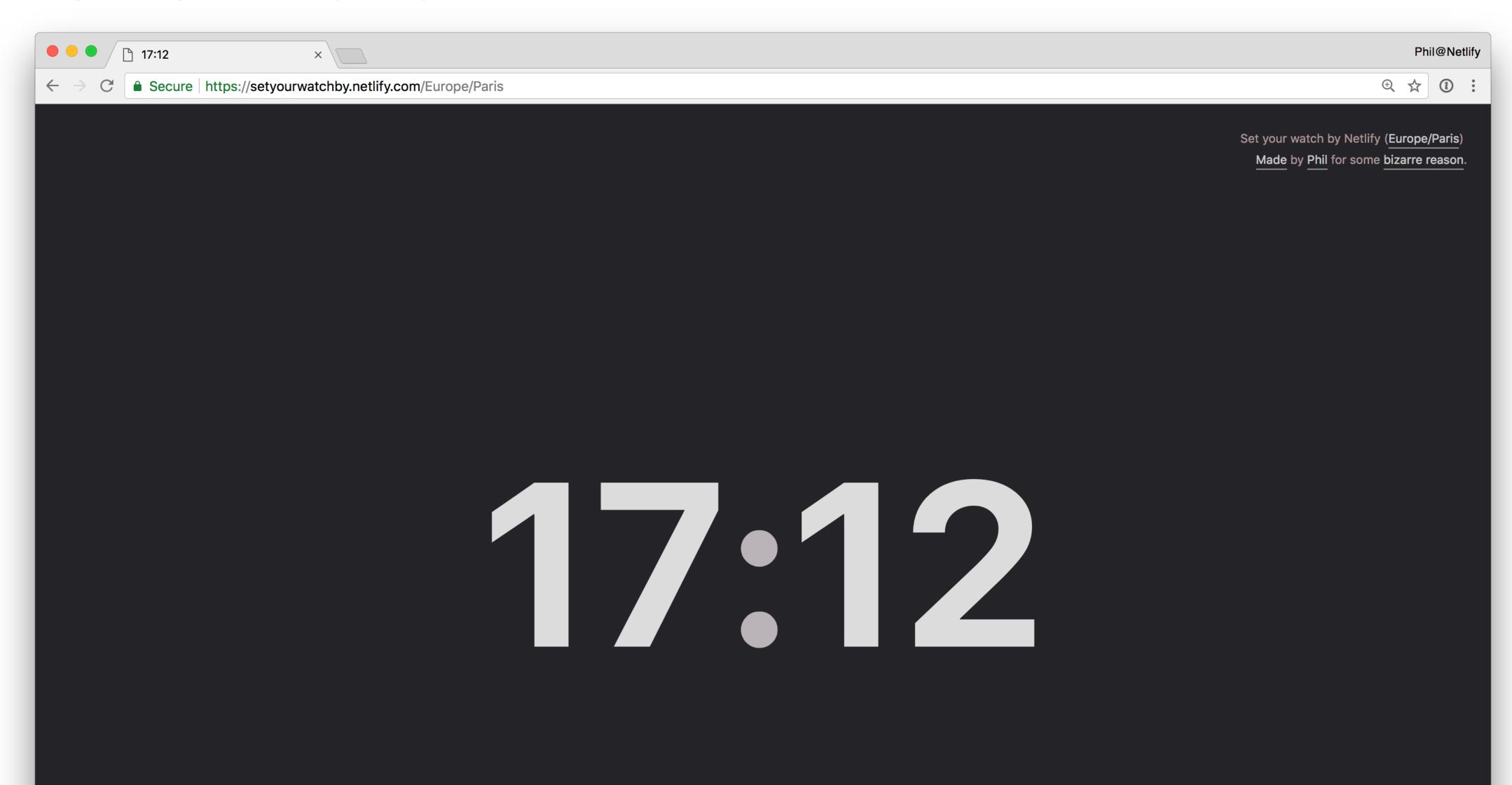
https://setyourwatchby.netlify.com





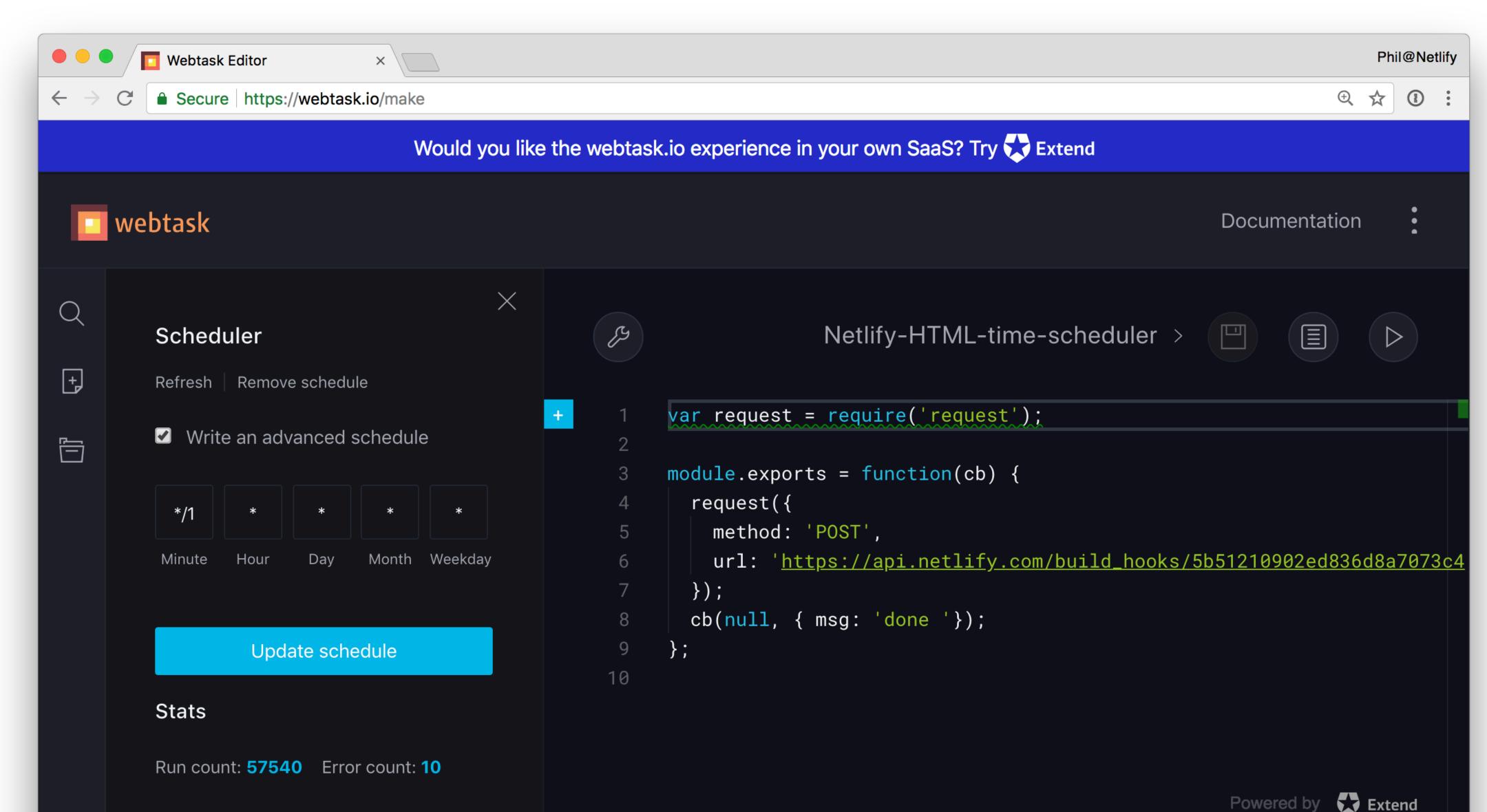
#### FINDTHAT.AT/TIME

https://setyourwatchby.netlify.com

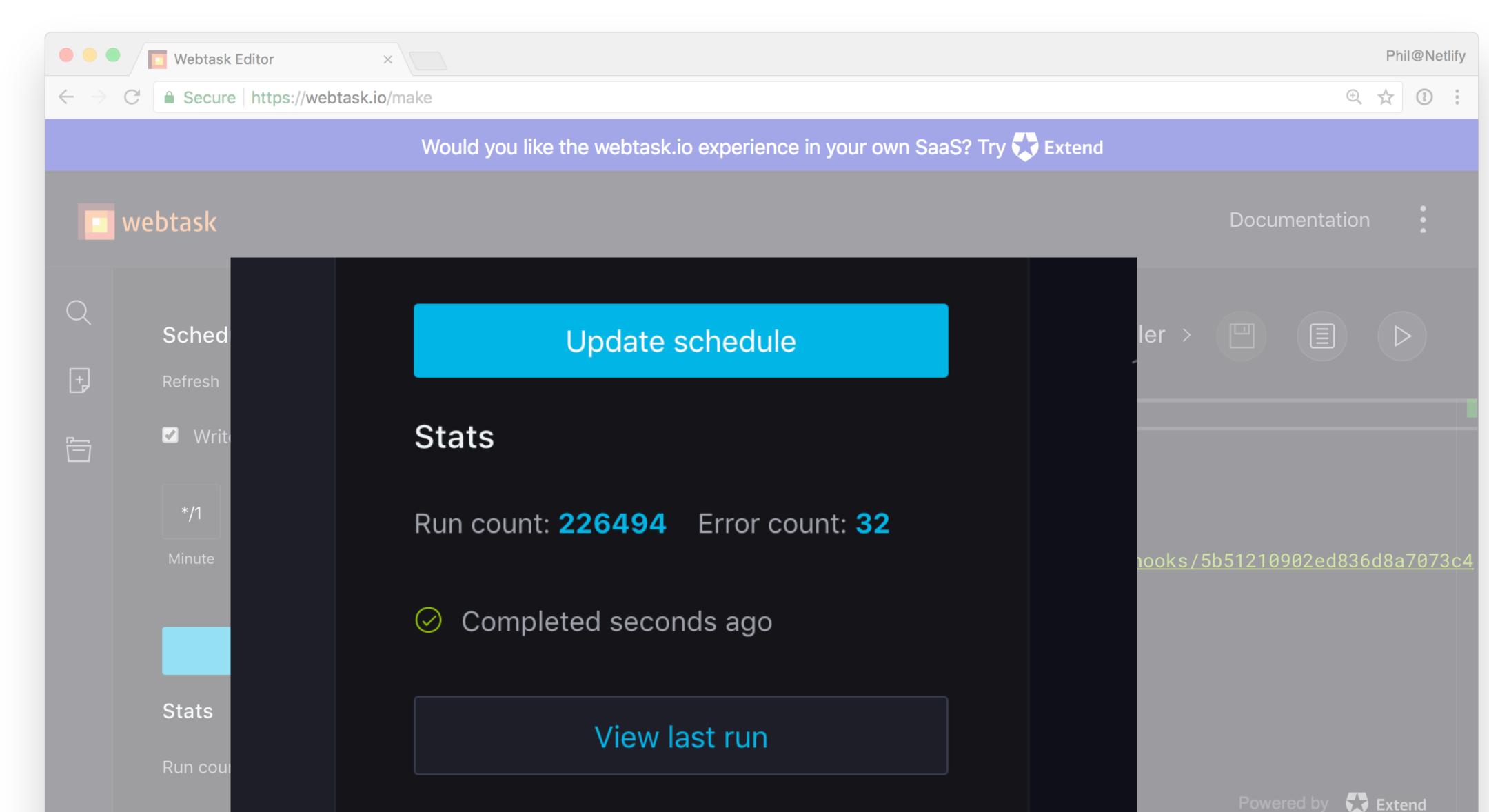




#### WEBSTASK.10



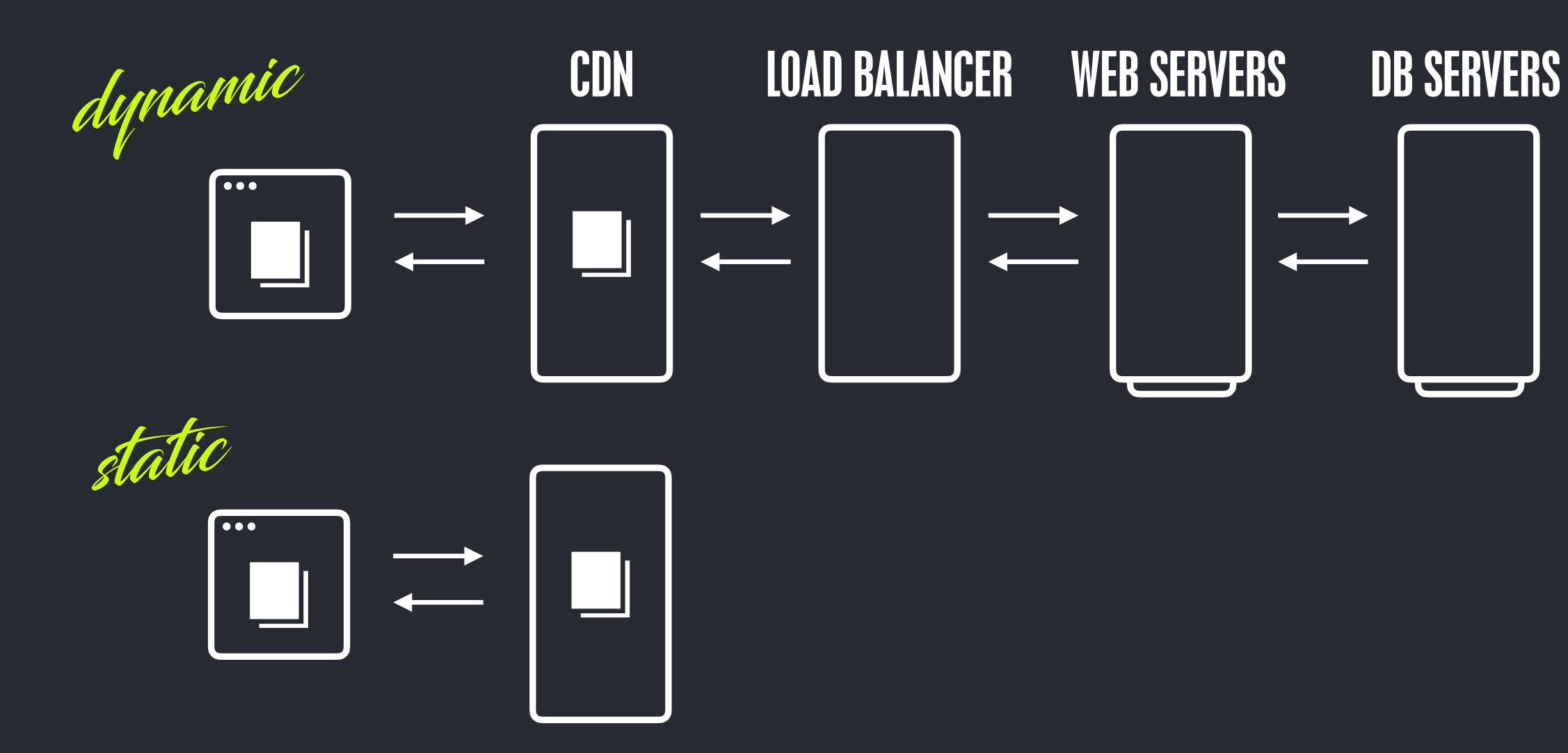
#### WEBSTASK.10



# WHAT, WHY AND HOW TO JAMSTACK

PHIL HAWKSWORTH





## jamstack can



## jamstack can GUNFILLE

## jamstack can SECURITY AND SCALE



# jamstack can

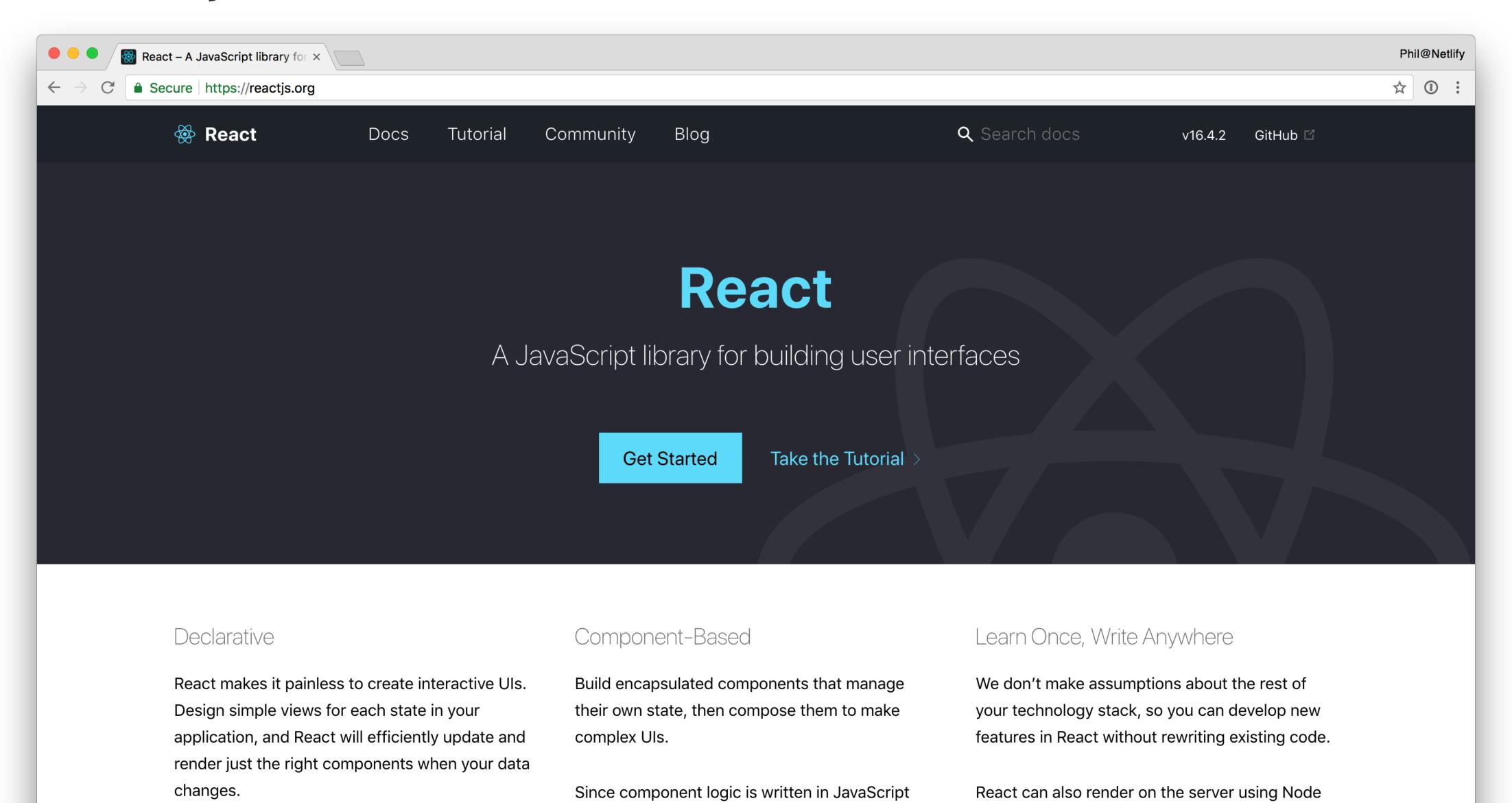
# WHAT, WHY AND HOWAND WHO TO JAMSTACK

PHIL HAWKSWORTH



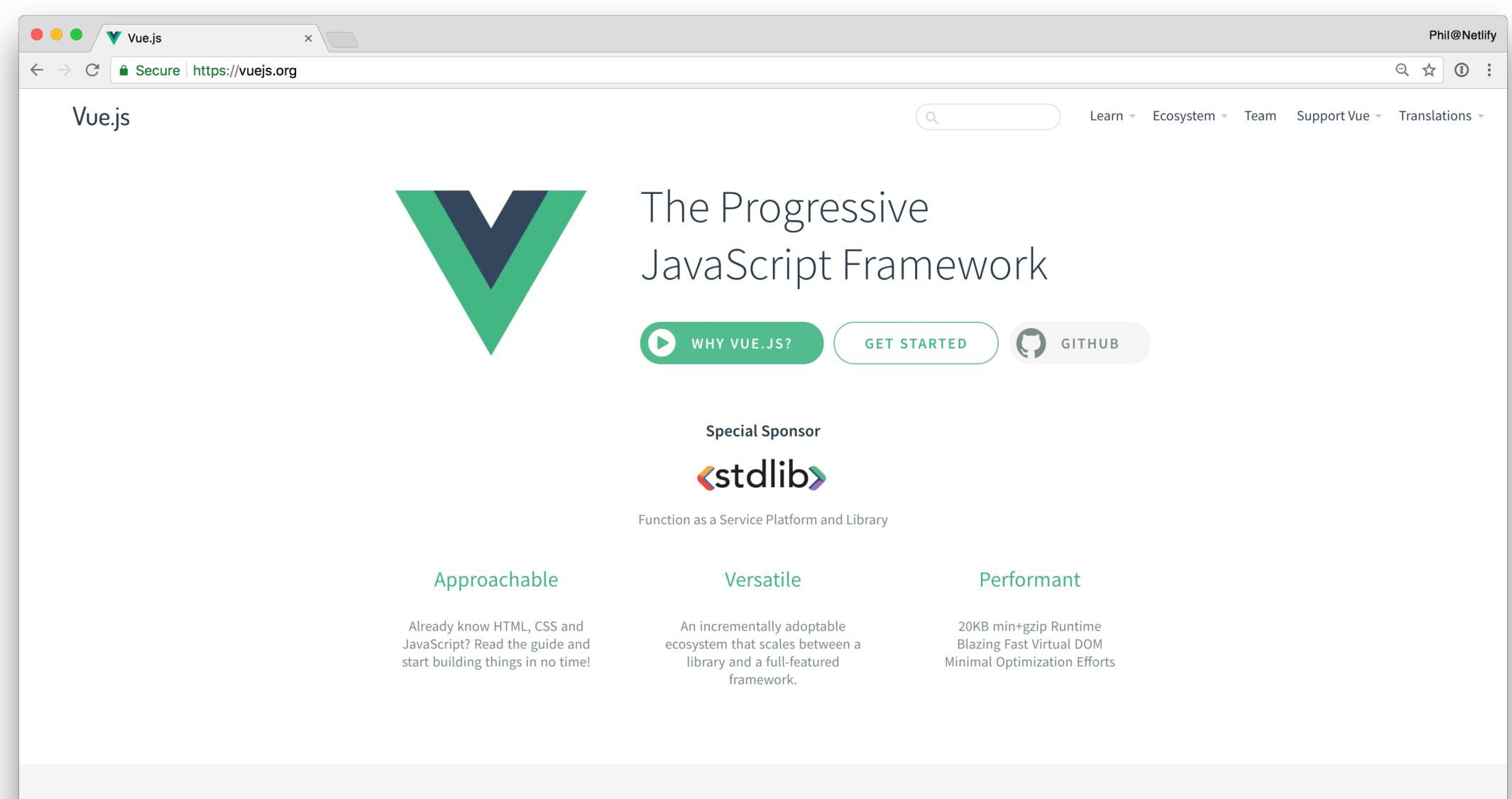


#### REACTJS.ORG



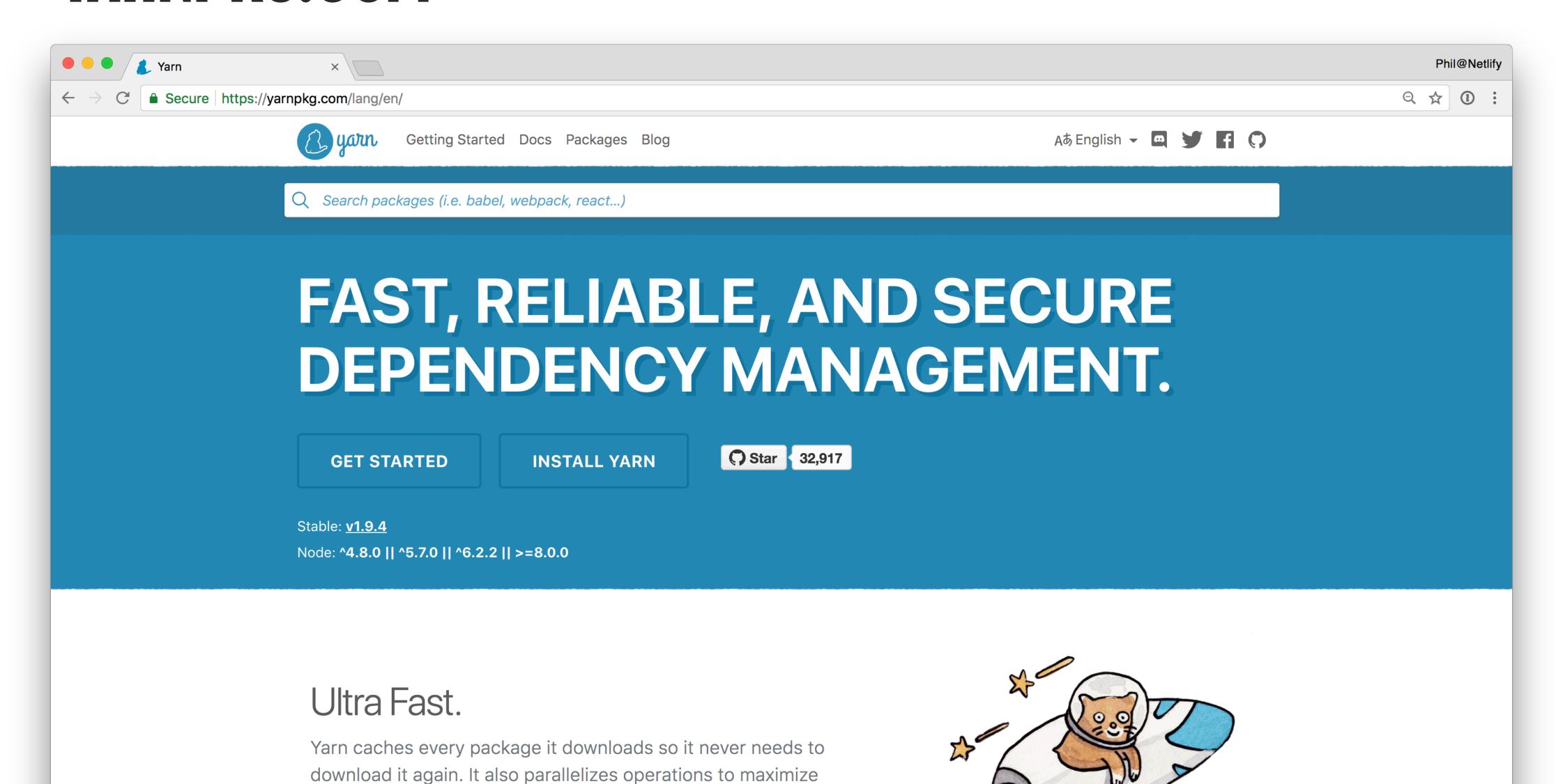


#### VUEJS.ORG



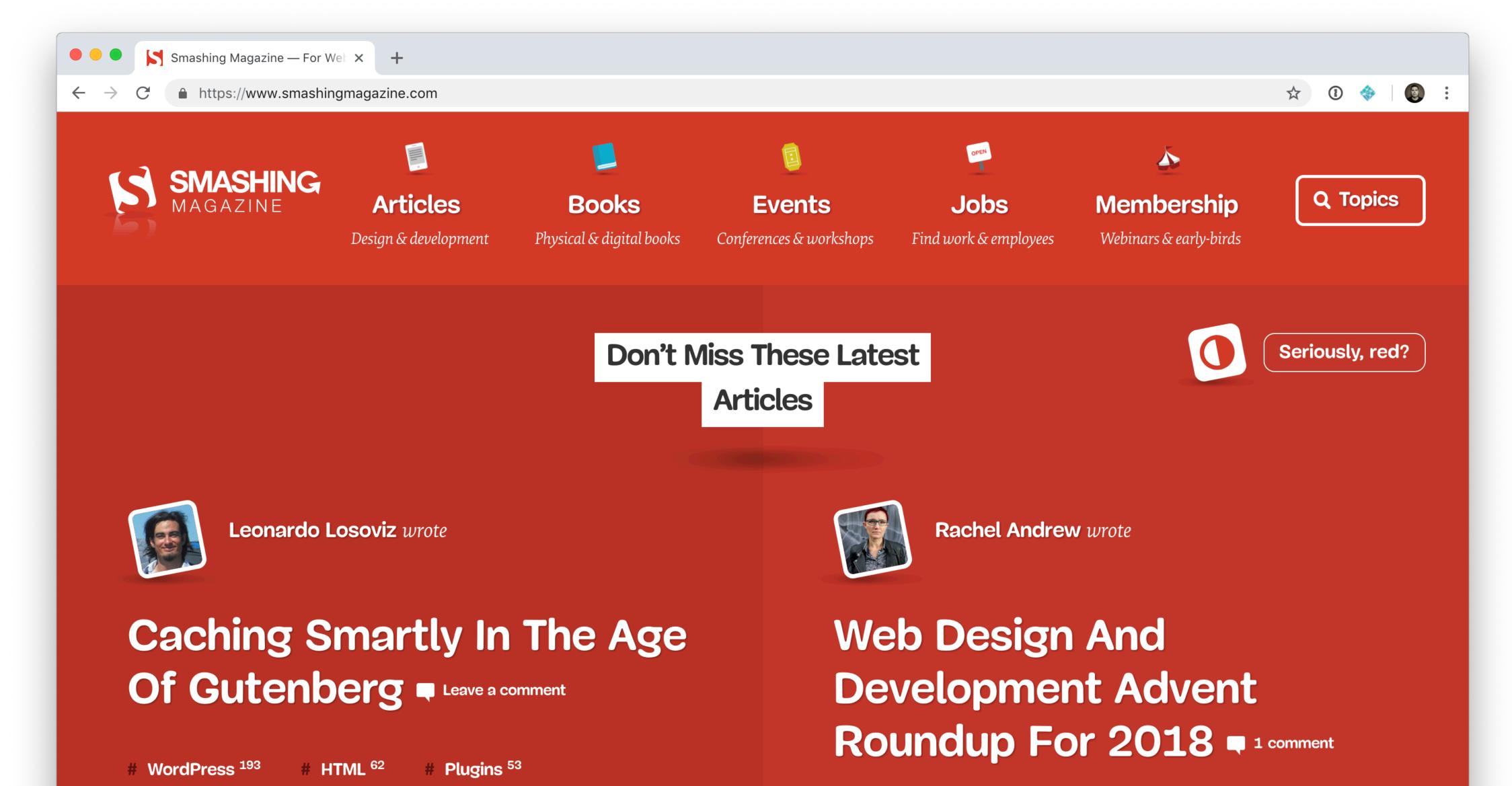
resource utilization so install times are faster than ever.

netlify

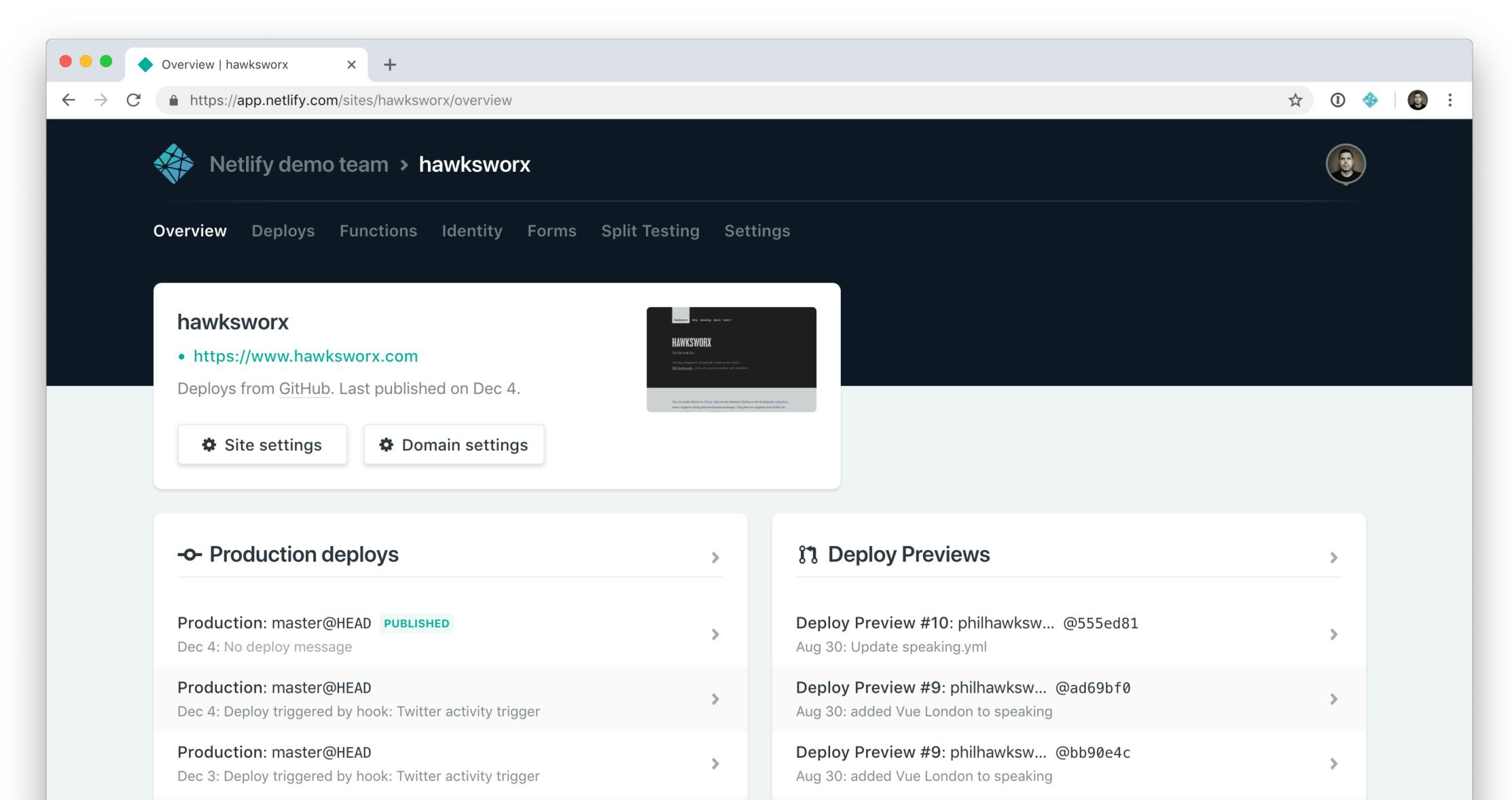


#### SMASHINGMAGAZINE.COM

What, why, and how to JAMstack

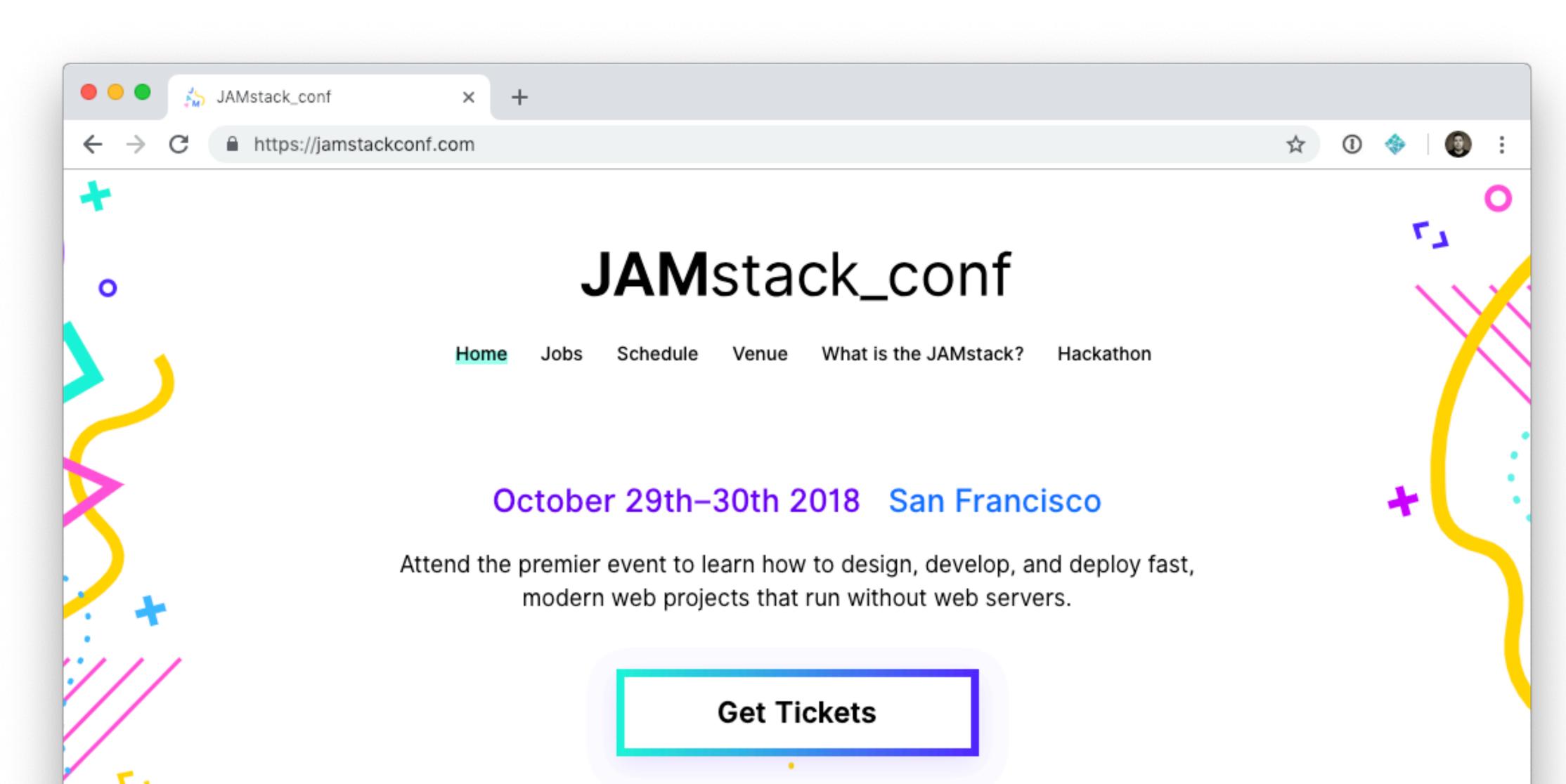


#### APP.NETLIFY.COM



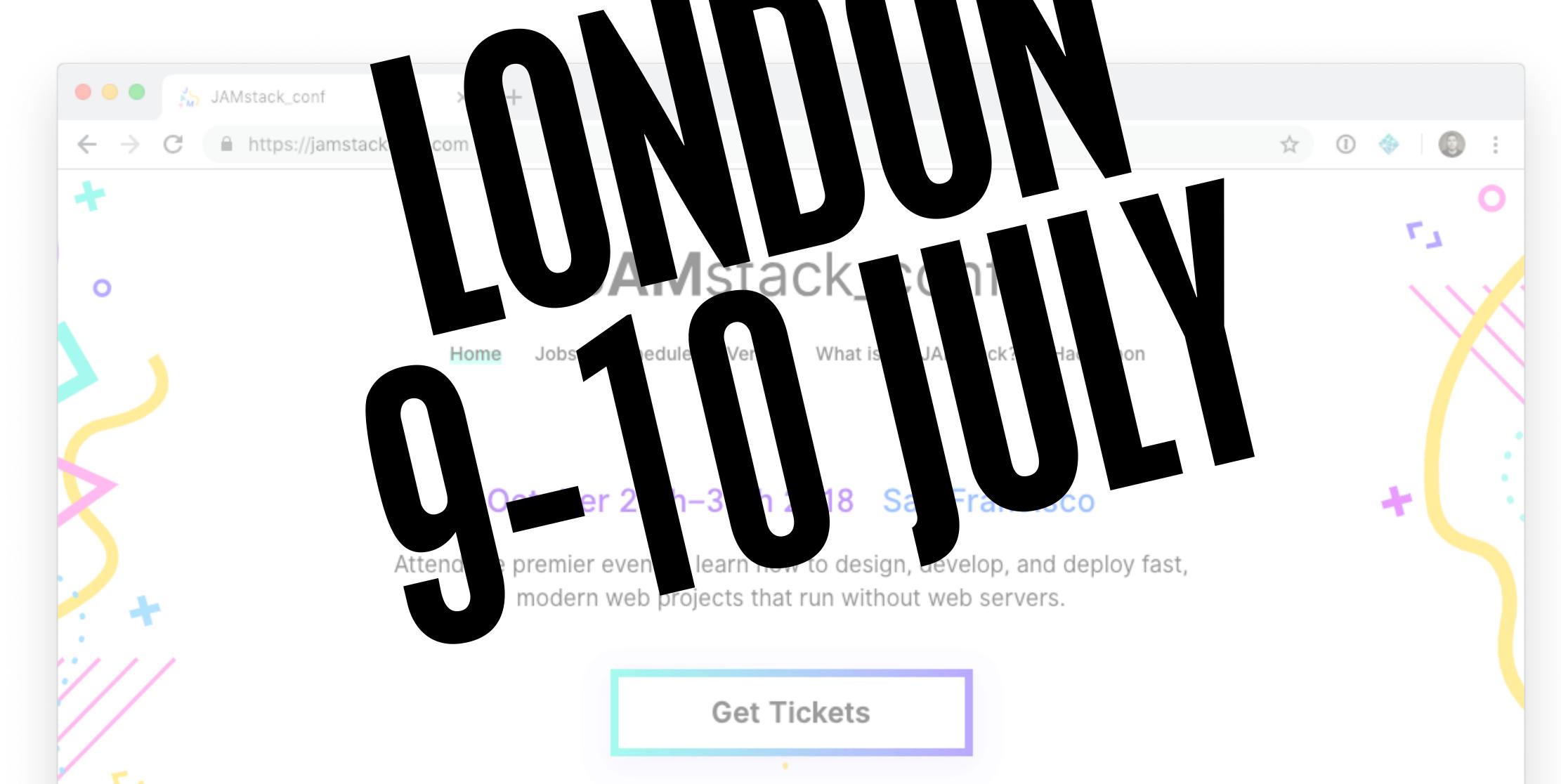


https://jamstackconf.com



#### FINDTHAT.AT/CONF

https://jamstackconf.com





### STATIC SITE GENERATORS staticgen.com

NETLIFY www.netlify.com

#### SET YOUR WATCH - FRICTION FREE DEPLOYMENTS

https://www.netlify.com/blog/2018/08/02/exploring-the-potential-of-friction-free-deployments/

### ONE-CLICK TEMPLATES templates.netlify.com

## PHIL'S OWN JAMSTACK SITE hawksworx.com

HEADLESS / DECOUPLED CMS headlesscms.org

ABOUT THE JAMSTACK / COMMUNITY jamstack.org

THE NEW DYNAMIC www.thenewdynamic.org/

# THANKS FINDTHAT.AT/OGNJAM

**OPHILHAWKSWORTH**