

Jamstack growing up

Back for context. Forward for future

Phil Hawksworth, Netlify

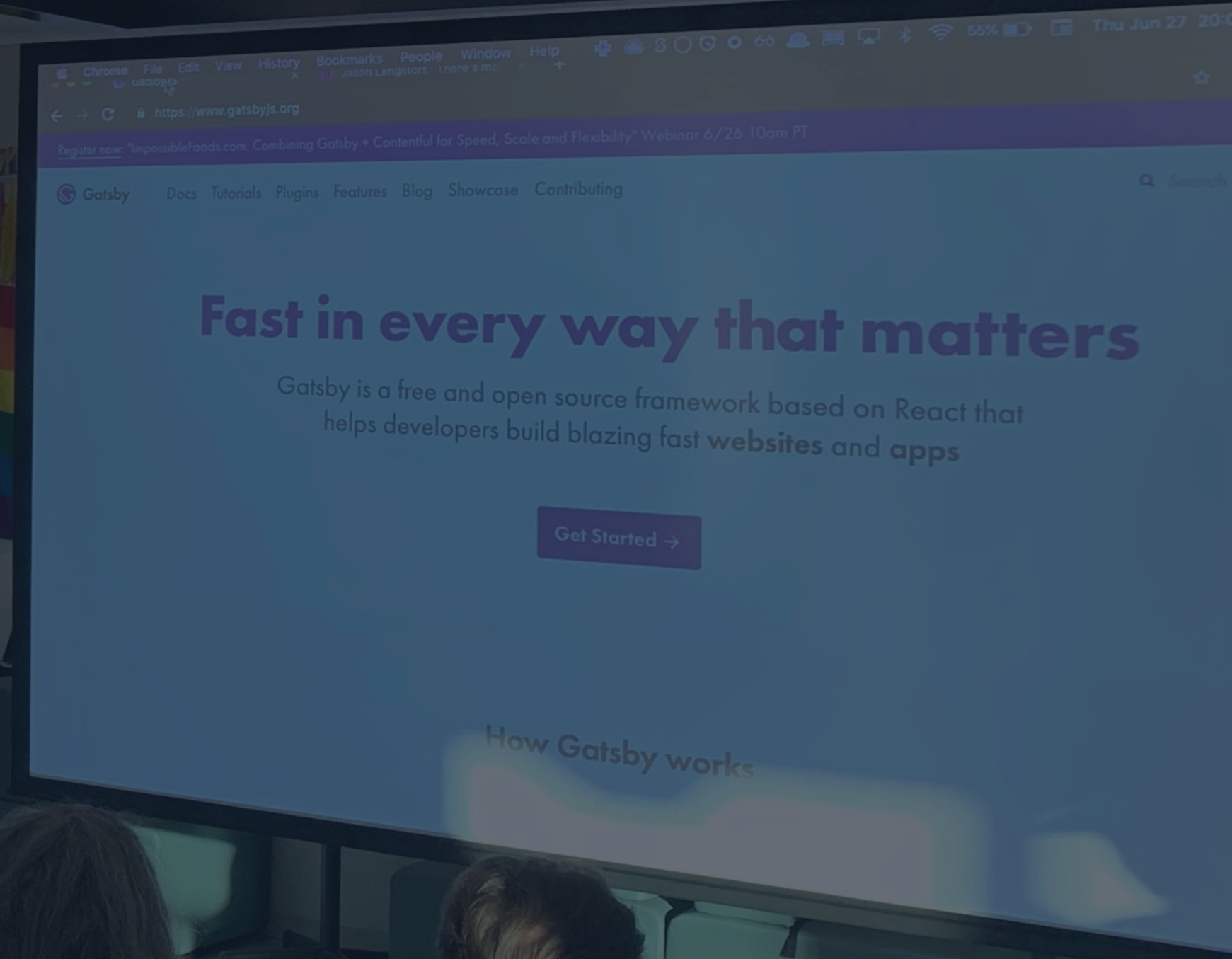
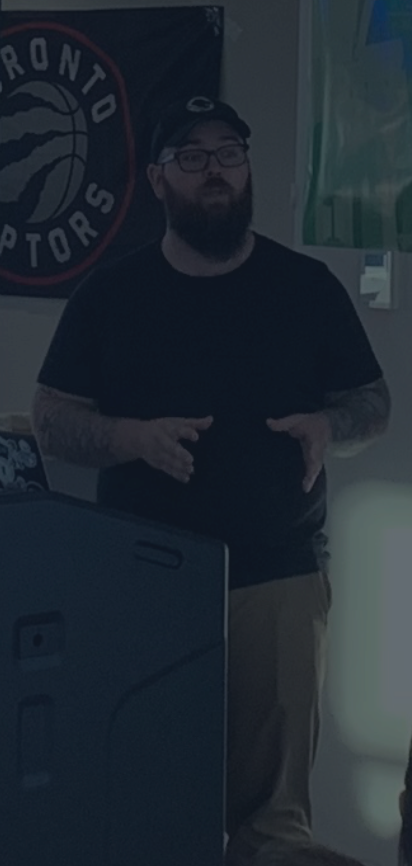
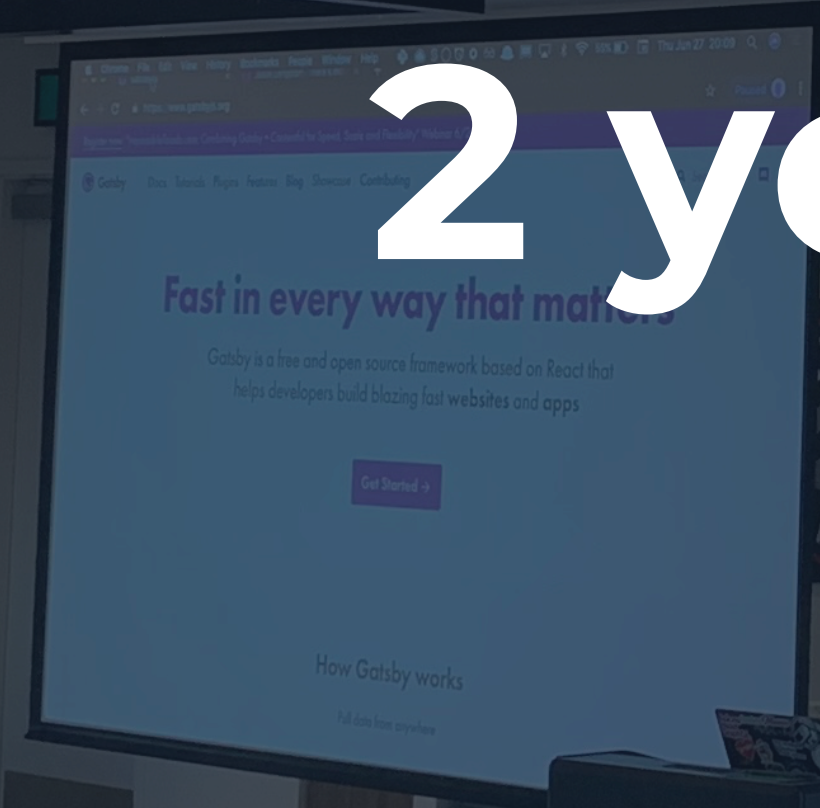


Has it really been
2 years?

A close-up shot of a man wearing a dark, hooded winter jacket. He is looking directly at the camera with a slight, thoughtful expression. The background is a blurred city street at night, with various lights and buildings visible. The text "Has it really been 2 years?" is overlaid in white on the right side of his face.

Has it really been
2 years?

Has it really been
2 years?





I miss your faces

**but this is still
Jamstack Toronto**

...what was I saying?

GETTING STUCK IN TO JAMSTACK

PHIL HAWKSWORTH

findthat.at/stuck-in



findthat.at/stuck-in

is it jamstack?

JEKYLL
YAML
NO JS
NO APIs
GITHUB PAGES

yes

GATSBY
MARKDOWN
GRAPHQL APIs
JS HYDRATION
AMAZON S3

yes

HUGO
MARKDOWN
JS INTERACTIONS
NO APIs
GOOGLE CLOUD

yes

NUXT
JSON
JS INTERACTIONS
COMMERCE APIs
NETLIFY

yes

HAND-MADE PWA
WEBPACK
JWT
BROWSER APIs
AZURE

yes

ORIGIN SERVER

ENJOYS THE BENEFITS *of* SERVING STATIC ASSETS

findthat.at/stuck-in



JAMSTACK

means

**CAPABLE OF BEING SERVED
DIRECTLY FROM A CDN**

findthat.at/stuck-in

TODAY

Is all that *still* true?

@ PhilHawksworth

Director of Developer Experience, Netlify



findthat.at/jamstack/growing



findthat.at/jamstack/book



findthat.at/interesting

TODAY

Is all that *still* true?

TODAY

**Are you shifting
the goal posts?**

Let's talk

1

What made a
Jamstack site
Jamstack?

2

What has changed
and what's new in the
Jamstack world?

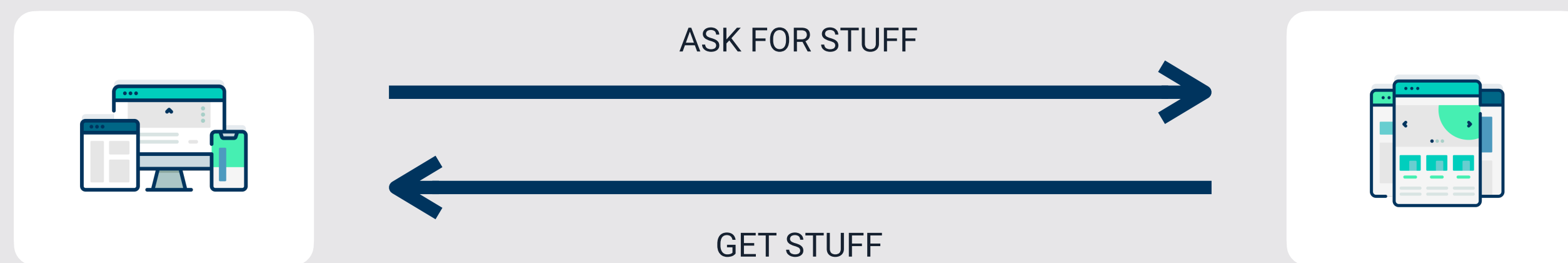
3

Phil, please shut up
and just show us
something

1

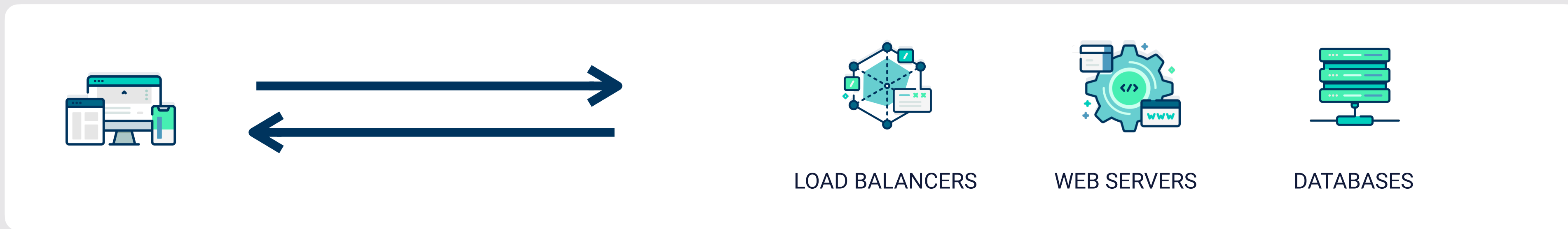
What made a Jamstack site Jamstack?

It used to be so simple



Time and context

TRADITIONAL STACK



JAMSTACK



Decoupling

Front-end code is
no longer limited to
being a product of
a **back-end** system

Capable of being
served directly
from a CDN

Offloading hosting complexity as a solved problem

**Pre-generation
of a site**

+

**The workflows and
automation that
unlocks**

2

**What has changed
and what's new in
the Jamstack world?**

COULD WE? SHOULD WE?

We want to use it for more

dynamic content / user generated content / massive sites

Serverless

findthat.at/webserverless

Distributed Persistent Rendering

(Builds with a long tail)

findthat.at/dpr

Code

Code

Build



Deploy number 75

Code

Build



On demand



Deploy number 75



Code

Build

On demand



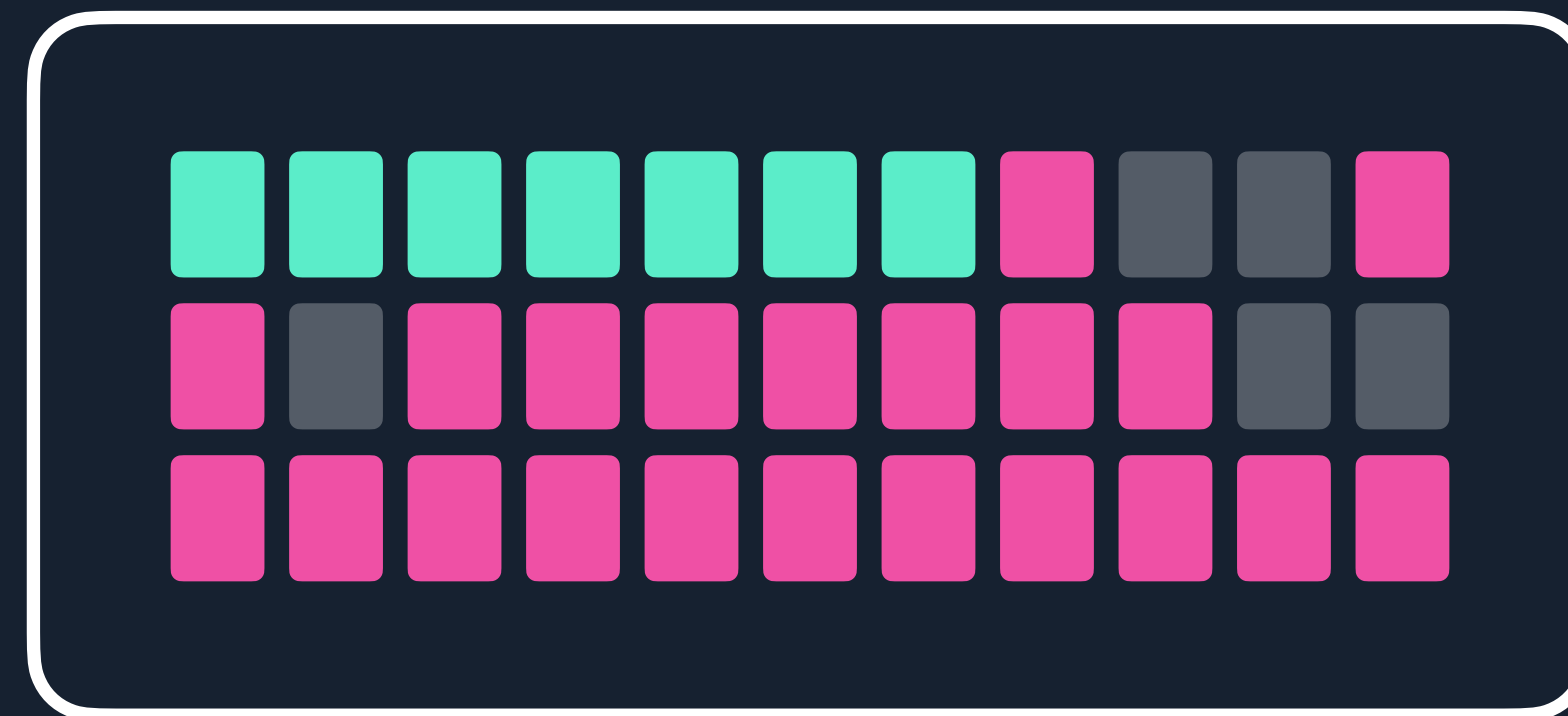
Deploy number 75

Code

Build



On demand

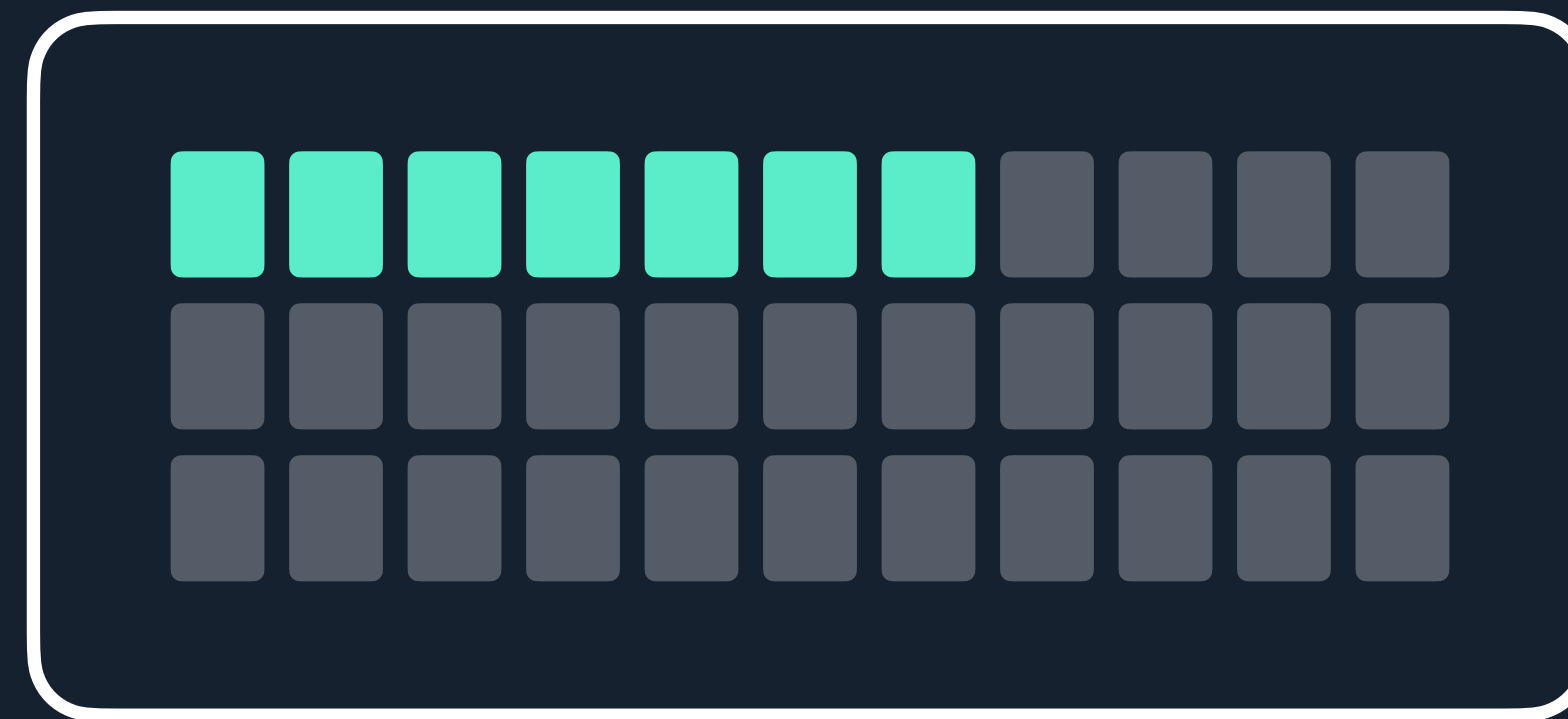


Deploy number 75



Code

Build



Deploy number 76

Code

Build



On demand



Deploy number 76



Code

Build



On demand



Deploy number 76



But is that Jamstack?

What matters?

**What is the
valuable part of
Jamstack?**

IS IT?

**That you use
JavaScript, APIs and
Markup in the site?**

IS IT?

**That everything is
pre-generated at
build time?**

IS IT?

**That it uses Netlify
things, and only
Netlify things?**



IS IT?

**That it uses Netlify
things, and only
Netlify things?**

nah

Front-end code is
no longer limited to
being a product of
a **back-end** system

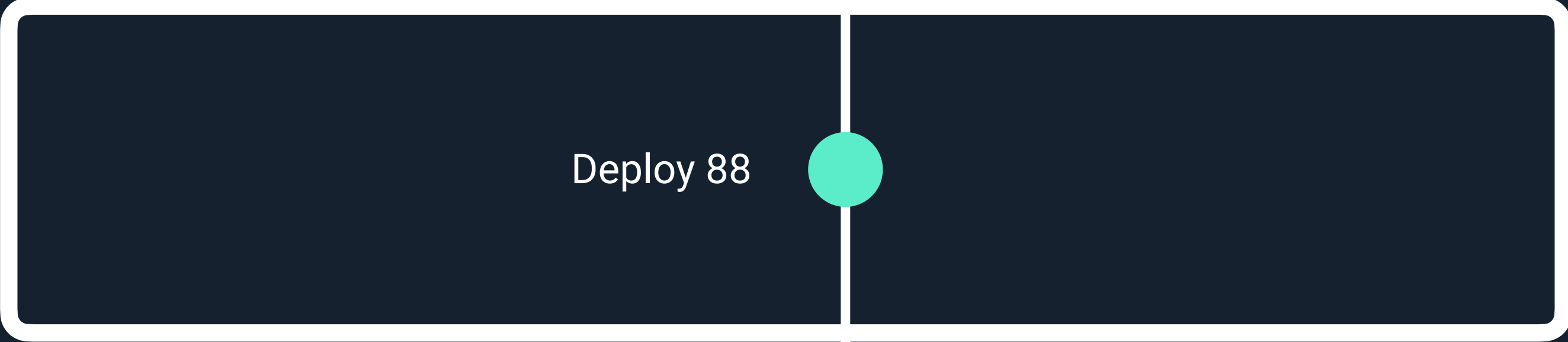
Front-end code is
not prescribed by a
back-end system



Front-end code is
not prescribed by a
back-end system

Deploys are
immutable and **atomic**

Live

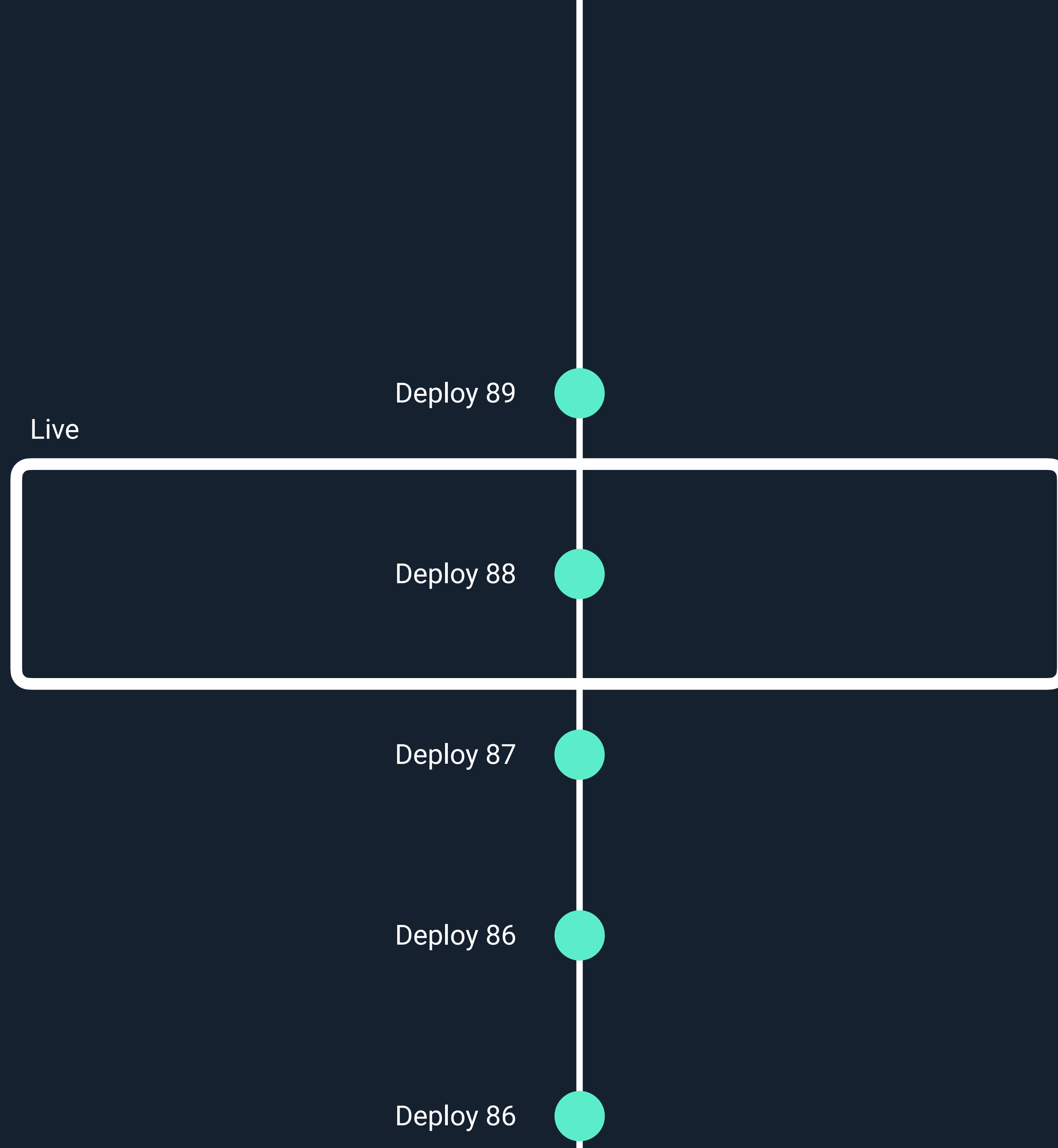


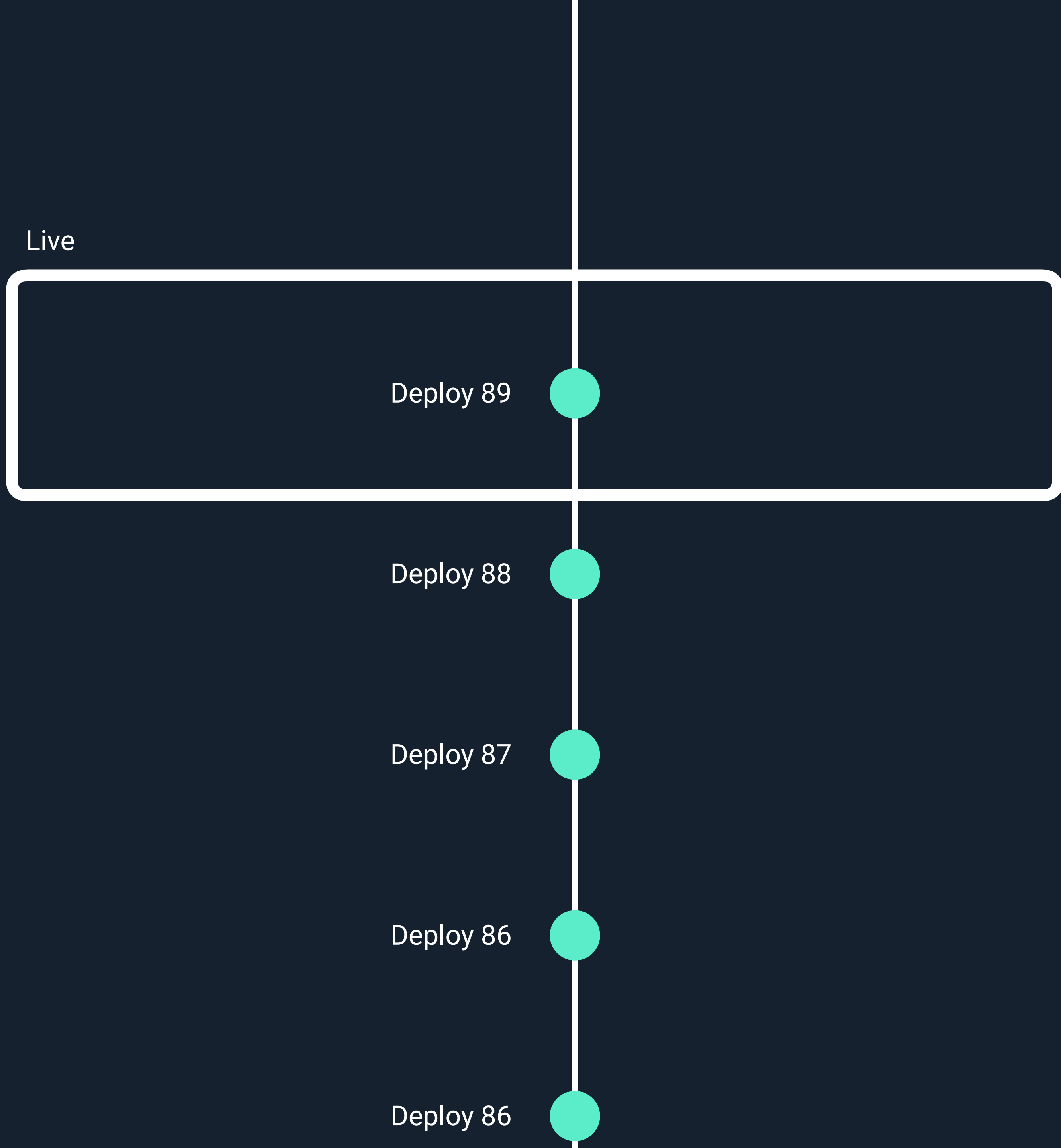
Deploy 88

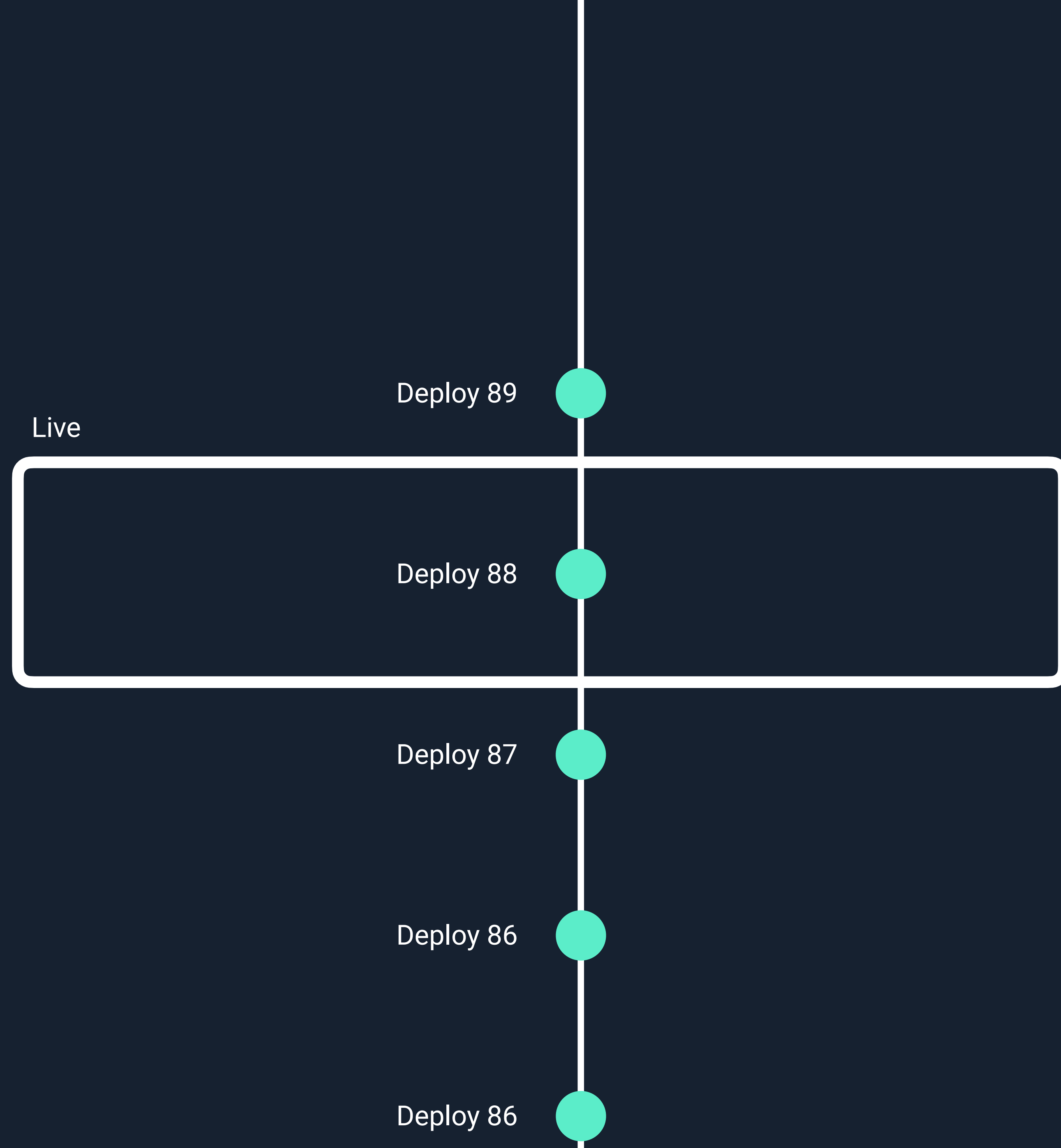
Deploy 87

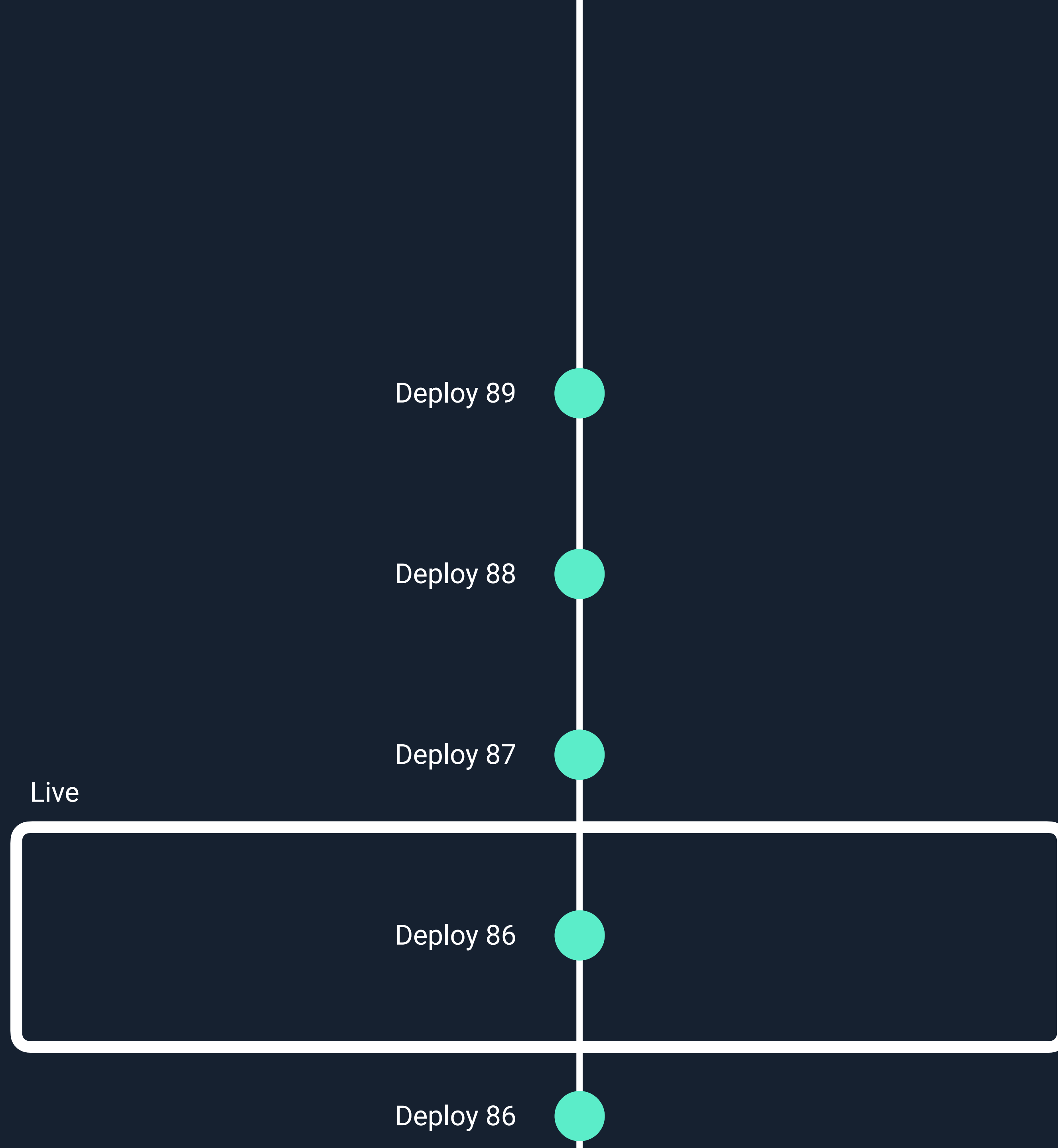
Deploy 86

Deploy 86









**Zero burden on the
developers for
caching logic**


**Caching is one of the
easiest things in
computer science**

— Nobody ever. Ever.

**These are the
principles and the
values that define
Jamstack**

Jamstack is maturing

**“Well then,
the name is not perfect”**



**“Well then,
the name is not perfect”**

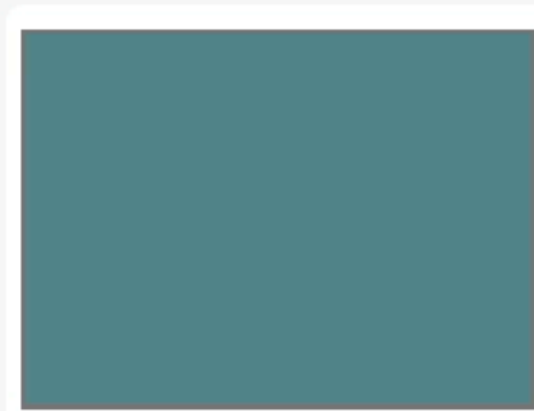
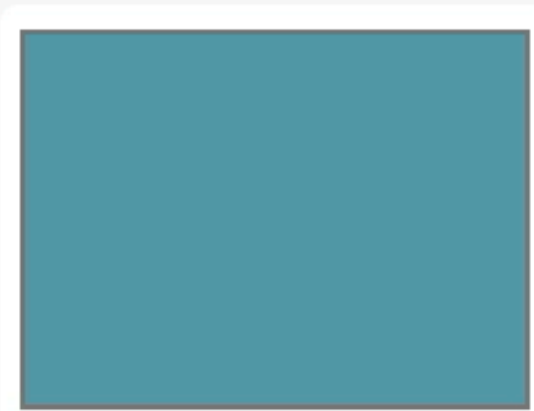
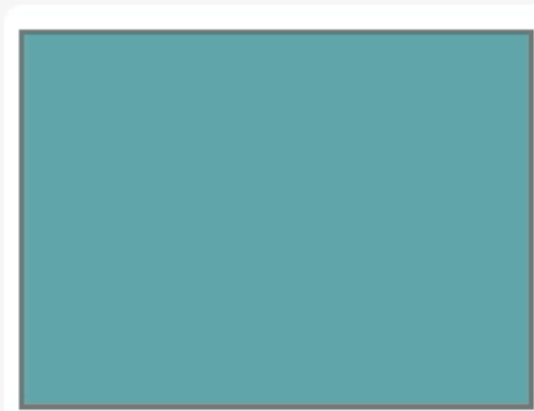
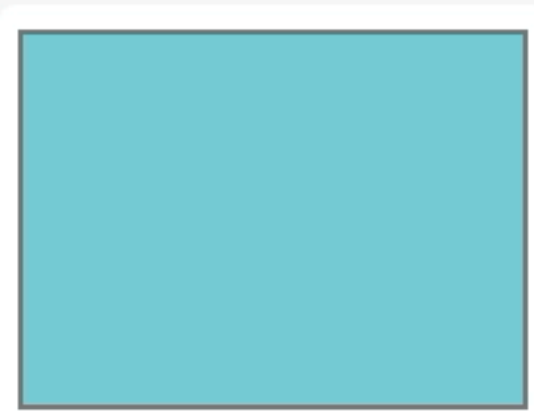
2

**Phil, Please shut up
and just show us
something**

ColorWays

Make and share colorful inspiration

Teal good factor



Save this colorway

Make a colorway
Give it a name
Save it
Get a URL to share

colorways.netlify.app

findthat.at/torontoh

**Let's look at a
demo repo**

What's next?

Distributed Persistent Rendering RFC

findthat.at/dpr/rfc

Colorways example using Netlify's on-demand builders

findthat.at/colorways

An intro to Supabase with serverless functions

findthat.at/supa

Cheeky touts

Jamstack Conf - October 2021

jamstackconf.com

Jamstack Conf - Speak!

jamstackconf.com/cfp

Jamstack Community Survey 2021

jamstack.org/survey

Thanks
@philhawksworth