



WebOps Wins

WordSesh, September 25, 2019

Steve Persch, Lead Developer Advocate
@stevector

Announcing General Availability for Australia, Canada, and European Union Regions \

By [Ari Gold](#) June 20, 2019



Ari Gold

Product Manager



Steve Persch

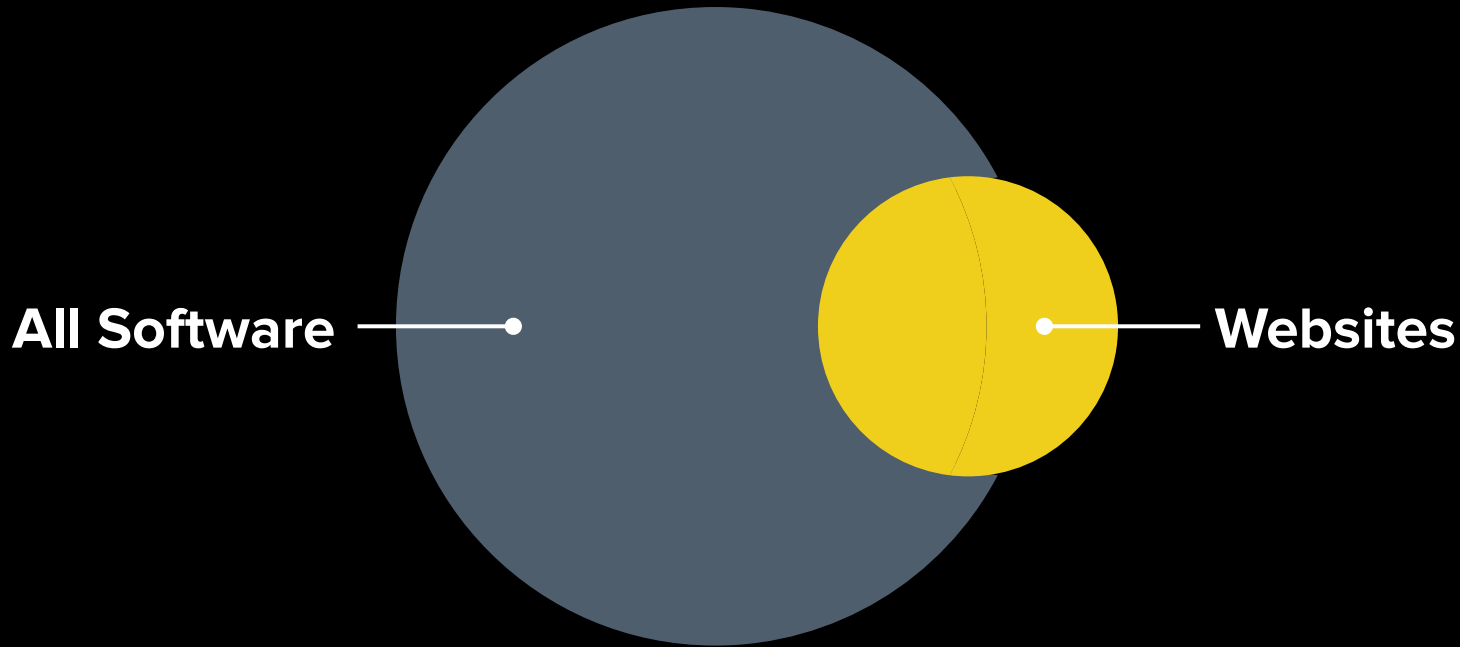
Lead Developer Advocate
@stevector



Web Development Is a Team Sport

WebOps is a set of workflows that facilitates collaboration and automates operations to improve the productivity of web teams.

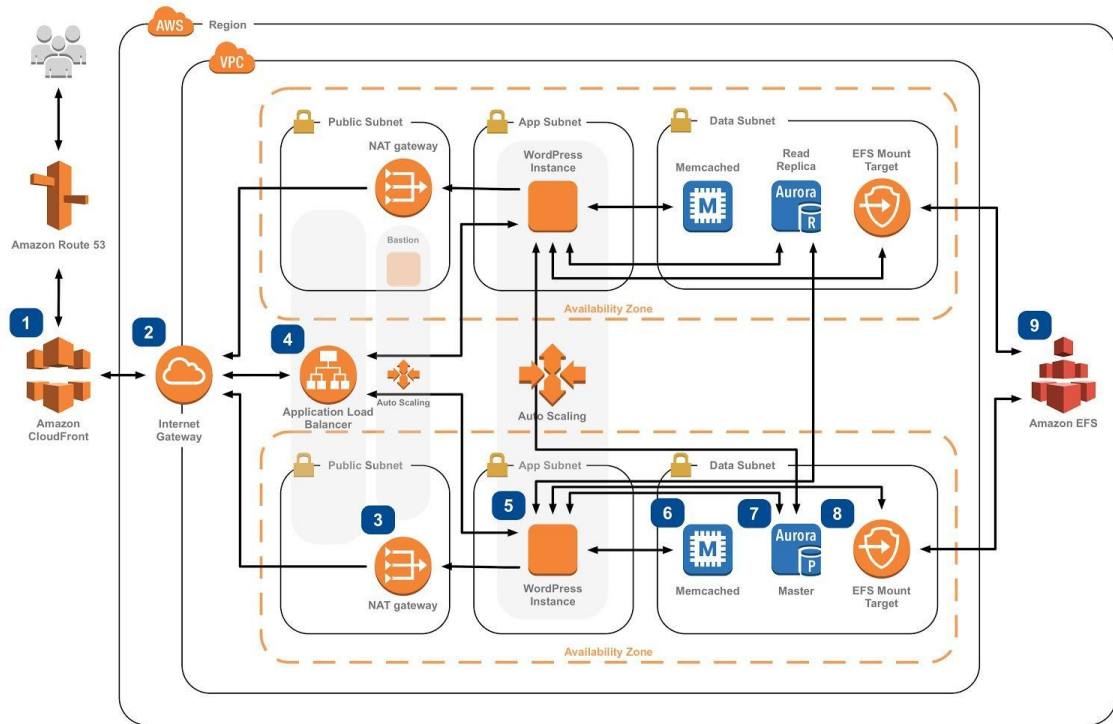
WebOps is Narrower than DevOps



WordPress Hosting

How to run WordPress on AWS

WordPress is one of the world's most popular web publishing platforms, being used to publish 27% of all websites, from personal blogs to some of the biggest news sites. This reference architecture simplifies the complexity of deploying a scalable and highly available WordPress site on AWS.

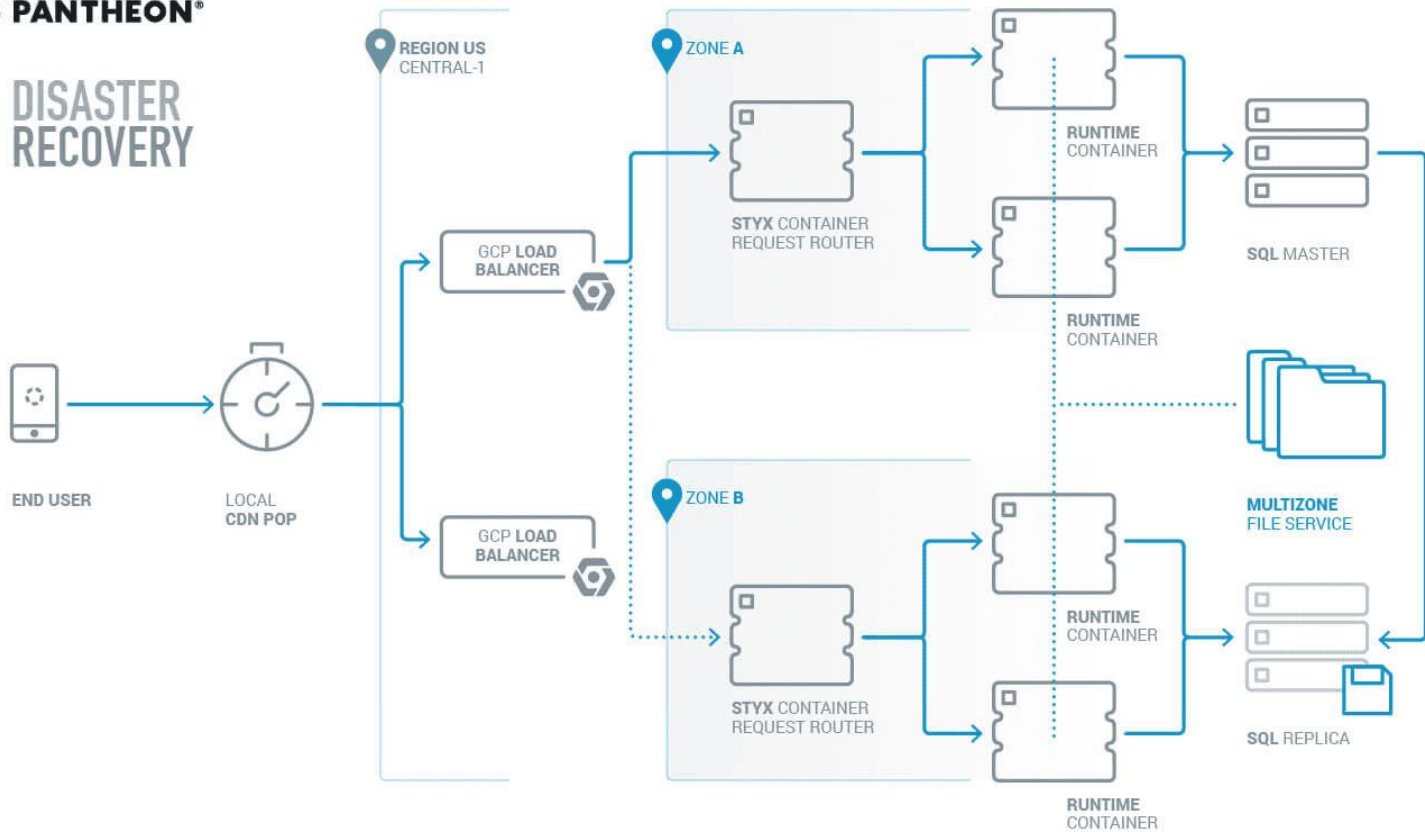


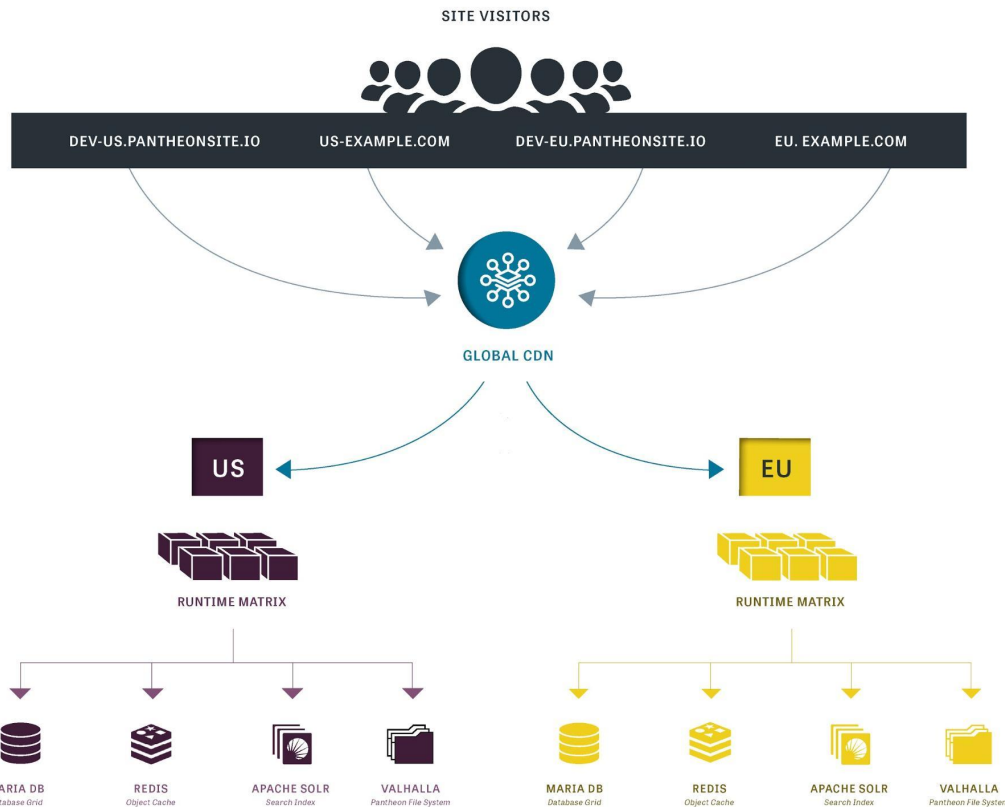
- 1 Static and dynamic content is delivered by **Amazon CloudFront**.
- 2 An **Internet gateway** allows communication between instances in your VPC and the Internet.
- 3 **NAT gateways** in each public subnet enable Amazon EC2 instances in private subnets (App & Data) to access the Internet.
- 4 Use an **Application Load Balancer** to distribute web traffic across an Auto Scaling Group of Amazon EC2 instances in multiple AZs.
- 5 Run your WordPress site using an **Auto Scaling group of Amazon EC2 instances**. Install the latest versions of WordPress, Apache web server, PHP 7, and OPcache and build an Amazon Machine Image that will be used by the Auto Scaling group launch configuration to launch new instances in the Auto Scaling group.
- 6 If database access patterns are read-heavy, consider using a WordPress plugin that takes advantage of a caching layer like **Amazon ElastiCache (Memcached)** in front of the database layer to cache frequently accessed data.
- 7 Simplify your database administration by running your database layer in **Amazon RDS** using either Aurora or MySQL.
- 8 Amazon EC2 instances access shared WordPress data in an Amazon EFS file system using **Mount Targets** in each AZ in your VPC.
- 9 Use **Amazon EFS**, a simple, highly available, and scalable network file system so WordPress instances have access to your shared, unstructured WordPress data, like php files, config, themes, plugins, etc.





DISASTER RECOVERY





Pantheon's Global CDN

- Preconfigured on every Pantheon site
- Over 40 edge locations worldwide
- HTTP/2
- HTTPS with an A+ rating on SSL Labs for all Pantheon sites
- Auto renewal of certificates with Let's Encrypt

North America

- Ashburn 2X
- Atlanta 2X
- Boston
- Chicago 2X
- Columbus
- Dallas
- Denver
- Houston
- Los Angeles 2X
- Miami
- Minneapolis
- Montreal
- New York 2X
- San Jose 2X
- Seattle
- Toronto

South America

- São Paulo
- Rio de Janeiro

Europe

- Amsterdam
- Frankfurt 2X
- London 2X
- Madrid
- Paris
- Stockholm

Africa

- Cape Town
- Johannesburg

Asia

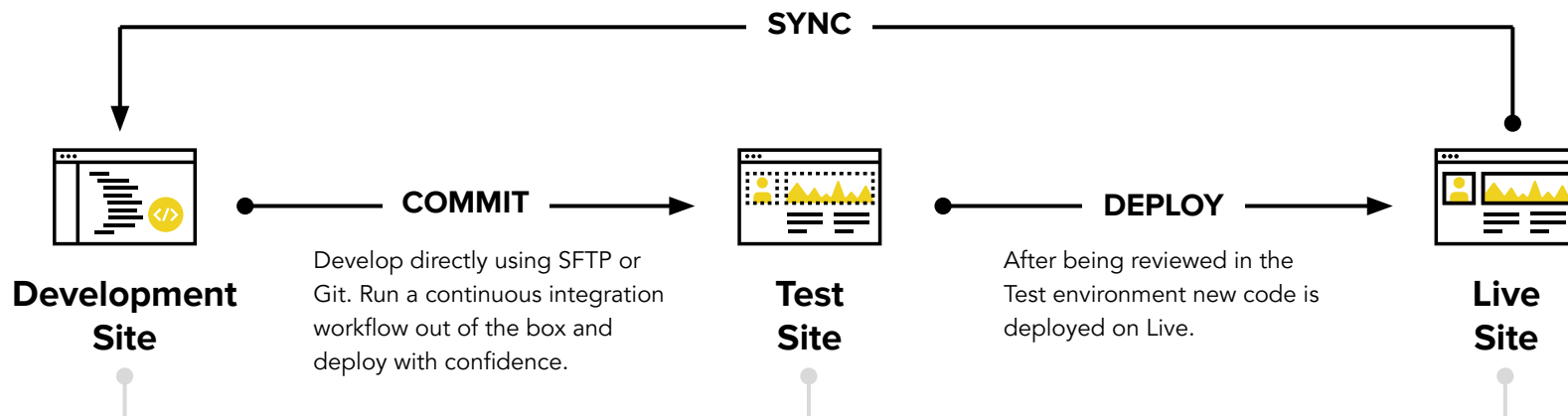
- Dubai
- Hong Kong
- Osaka
- Singapore
- Tokyo 2

Australia & New Zealand

- Auckland
- Brisbane
- Melbourne
- Perth
- Sydney
- Wellington



Workflow



Develop

Pantheon's Multidev gives every developer their own environment in the cloud and lets them work seamlessly with version control.

Review

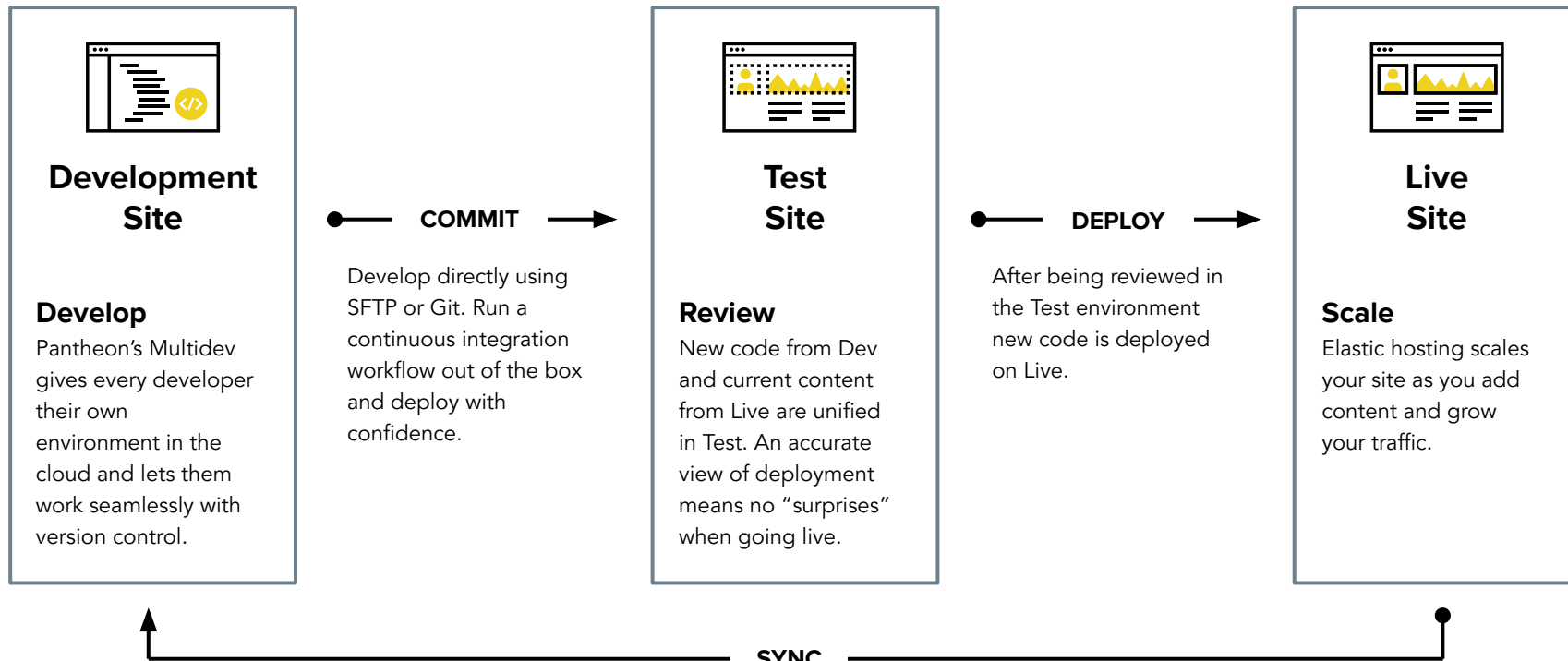
New code from Dev and current content from Live are unified in Test. An accurate view of deployment means no "surprises" when going live.

Scale

Elastic hosting scales your site as you add content and grow your traffic.

Workflow

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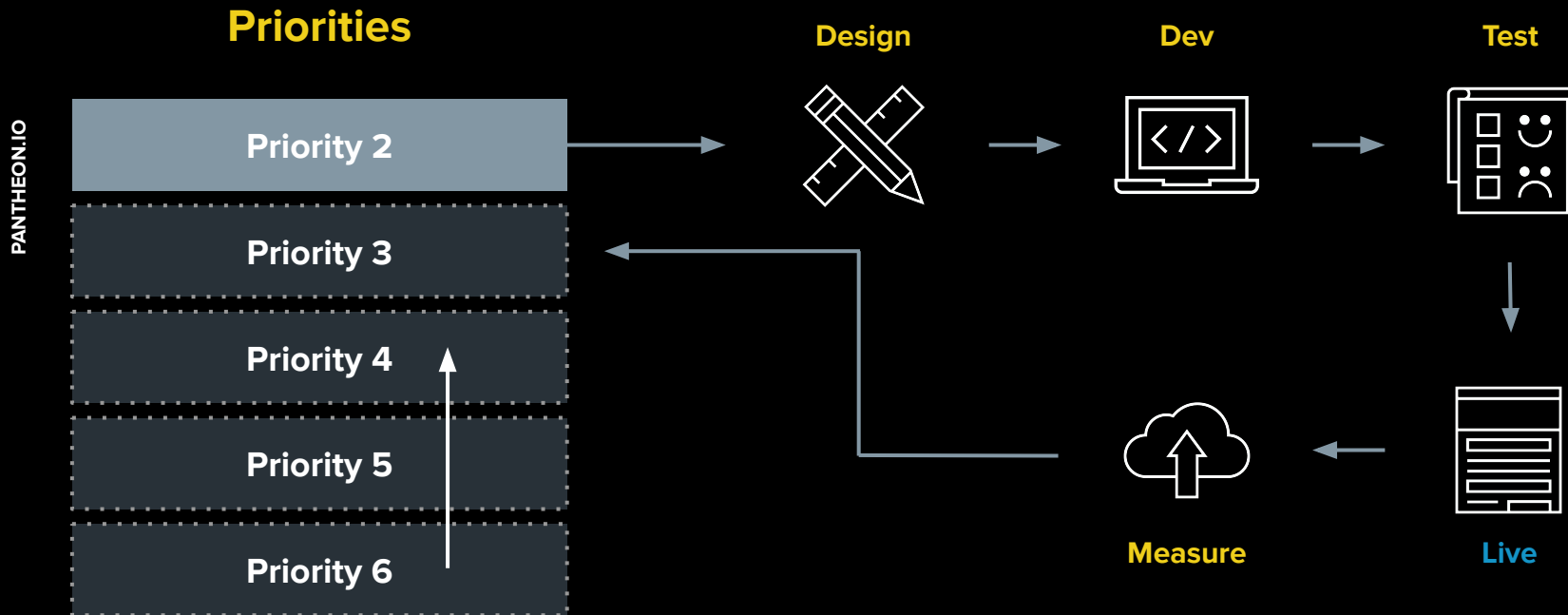


WebOps is a set of workflows that facilitates collaboration and automates operations to improve the productivity of web teams.

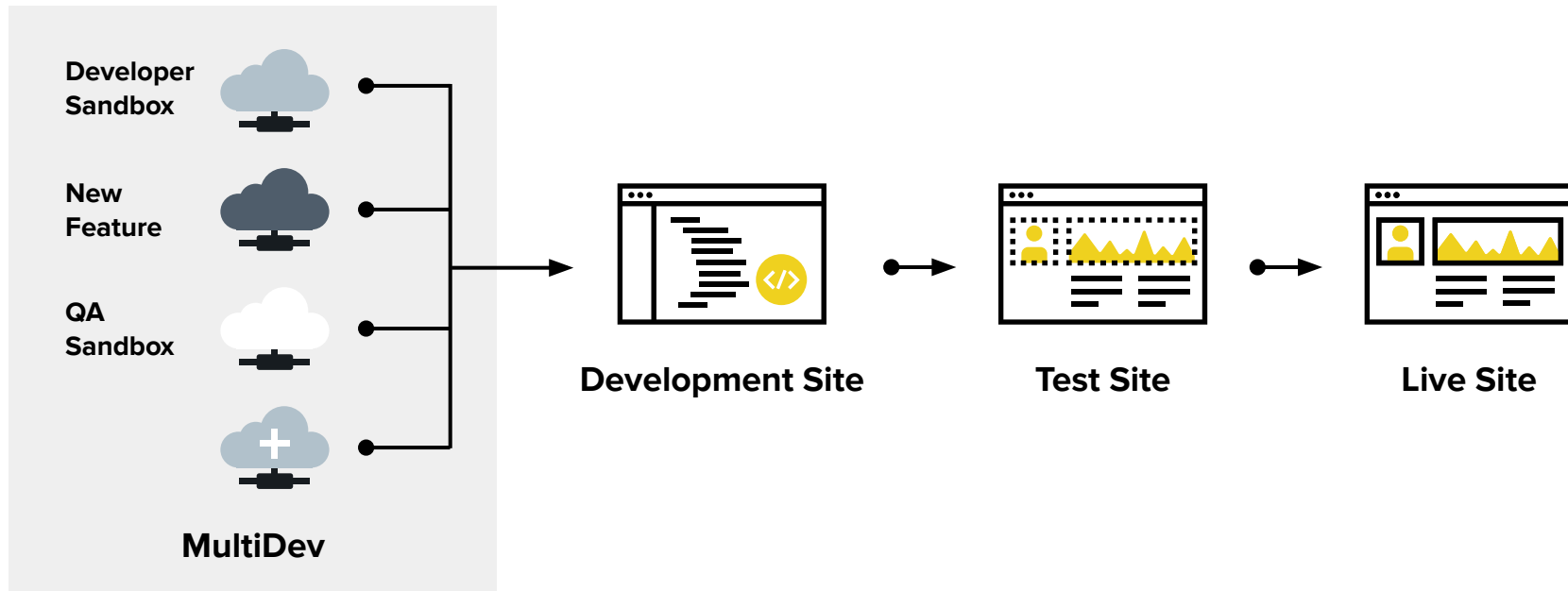
With WebOps culture, everyone whose job it is to change a website in significant ways (code, visuals, content, success measurements) thinks of themselves as one cross-functional team, iterating towards the same goals.

WebOps empowers web teams to adopt agile practices that drive results.

What are we doing on Monday?



Multidev: An Environment Per Branch





SOURCE



Branch

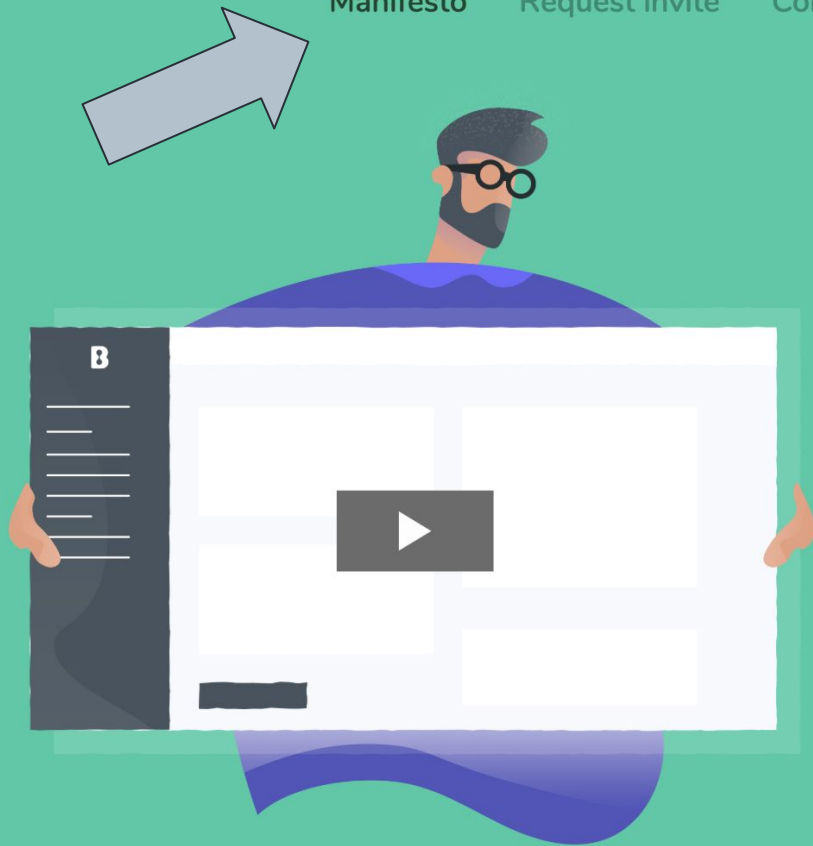


ARTIFACT

Build, Test, and Deploy your WordPress code

With Branch, setting up continuous integration for your WordPress project is a breeze - even if you don't know what continuous integration means.

[Request an invite](#)



Increasingly building WordPress websites require us to be developers. Our themes and plugins not only use PHP, but JavaScript, CSS, and countless frameworks. Soon working with the editor (Gutenberg) will require us to know React as well. On top of that we work in larger teams with a desperate need for version control and continuous delivery.

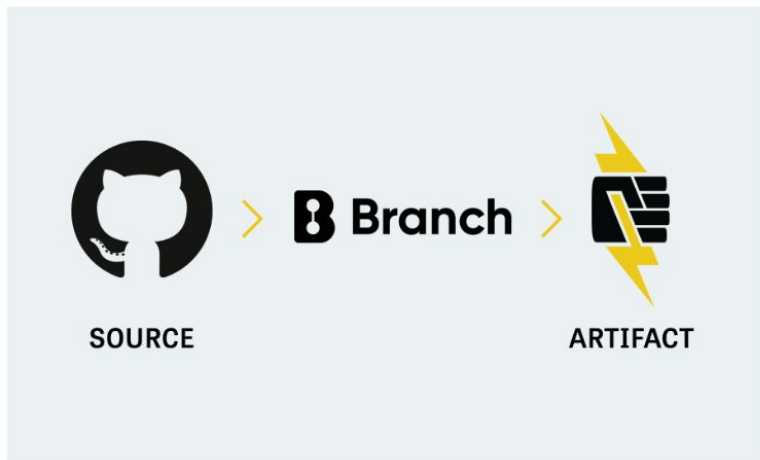
<https://www.branchci.com/manifesto>

Working on WP Pusher and talking to hundreds, if not thousands, of people about their struggles with workflow has given me a lot of insights. That is why I have decided to tackle a larger part of the problem and decided to build Branch.

<https://www.branchci.com/manifesto>

Introducing Pantheon Integration For Branch \

By [Peter Suhm](#) September 12, 2019



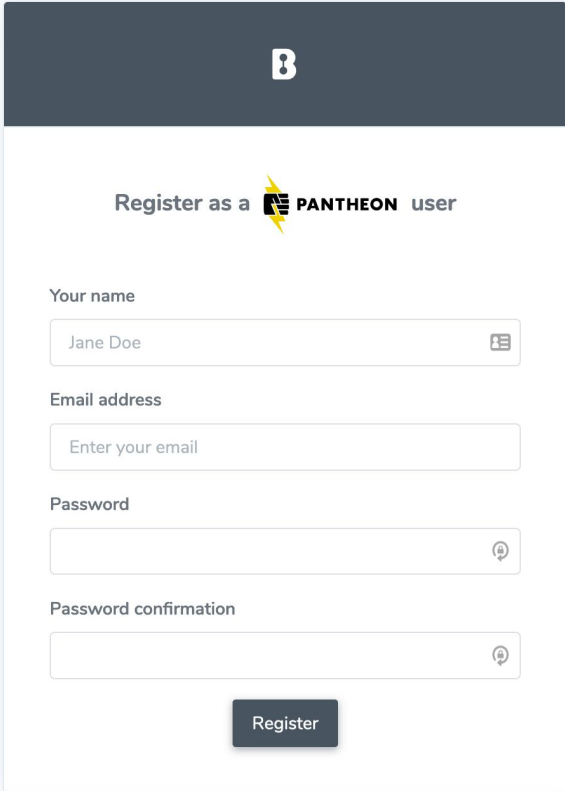
Peter Suhm

Founder of Branch and
WP Pusher

[in](#) LinkedIn


[Twitter](#)

<https://app.branchci.com/register?code=PANTHEON>



The image shows a registration form for a PANTHEON user. At the top, there is a dark blue header with a white 'B' logo. Below the header, the text 'Register as a PANTHEON user' is displayed, with a yellow lightning bolt icon between the words 'a' and 'PANTHEON'. The form consists of four input fields: 'Your name' (containing 'Jane Doe'), 'Email address' (containing 'Enter your email'), 'Password', and 'Password confirmation'. Each field has a small icon on the right side. At the bottom of the form is a dark blue 'Register' button.

B

Register as a  **PANTHEON** user

Your name

Jane Doe

Email address

Enter your email

Password

Password confirmation

Register



WebOps Wins

Thanks!

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