# DriesNote

DrupalCon North America 2021

## Dries Buytaert

Founder + Project Lead of Drupal



Drupal 9 update and planning for Drupal 10

Today's Topics

Drupal 9 update and planning for Drupal 10 Today's Topics Falling in love with Drupal

Getting off the island Drupal 9 update and planning for Drupal 10 Today's Topics Falling in love with Drupal

Getting off the island

Drupal 9 update and planning for Drupal 10

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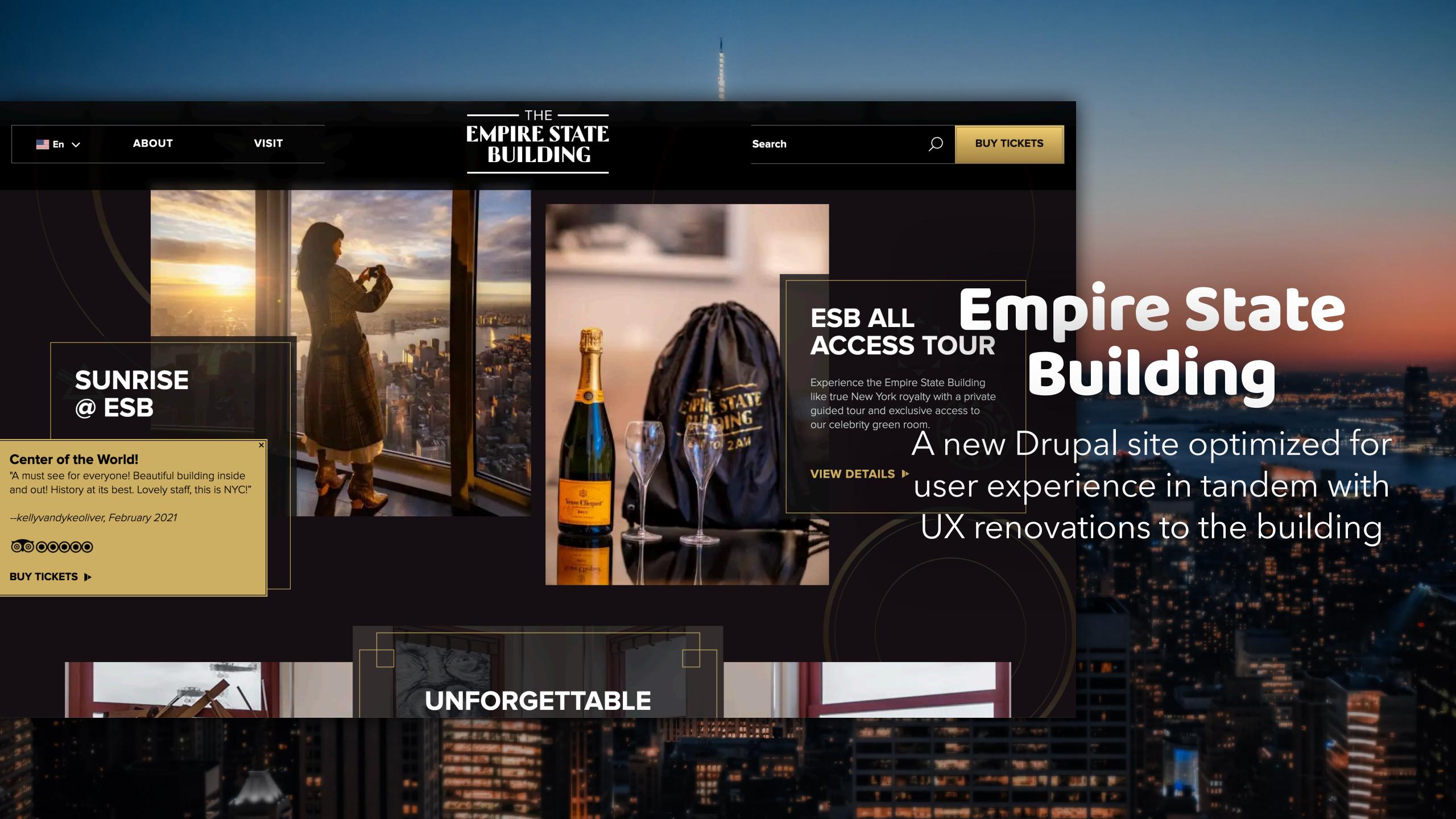
All but one of the major COVID-19 vaccine-producing companies use Drupal

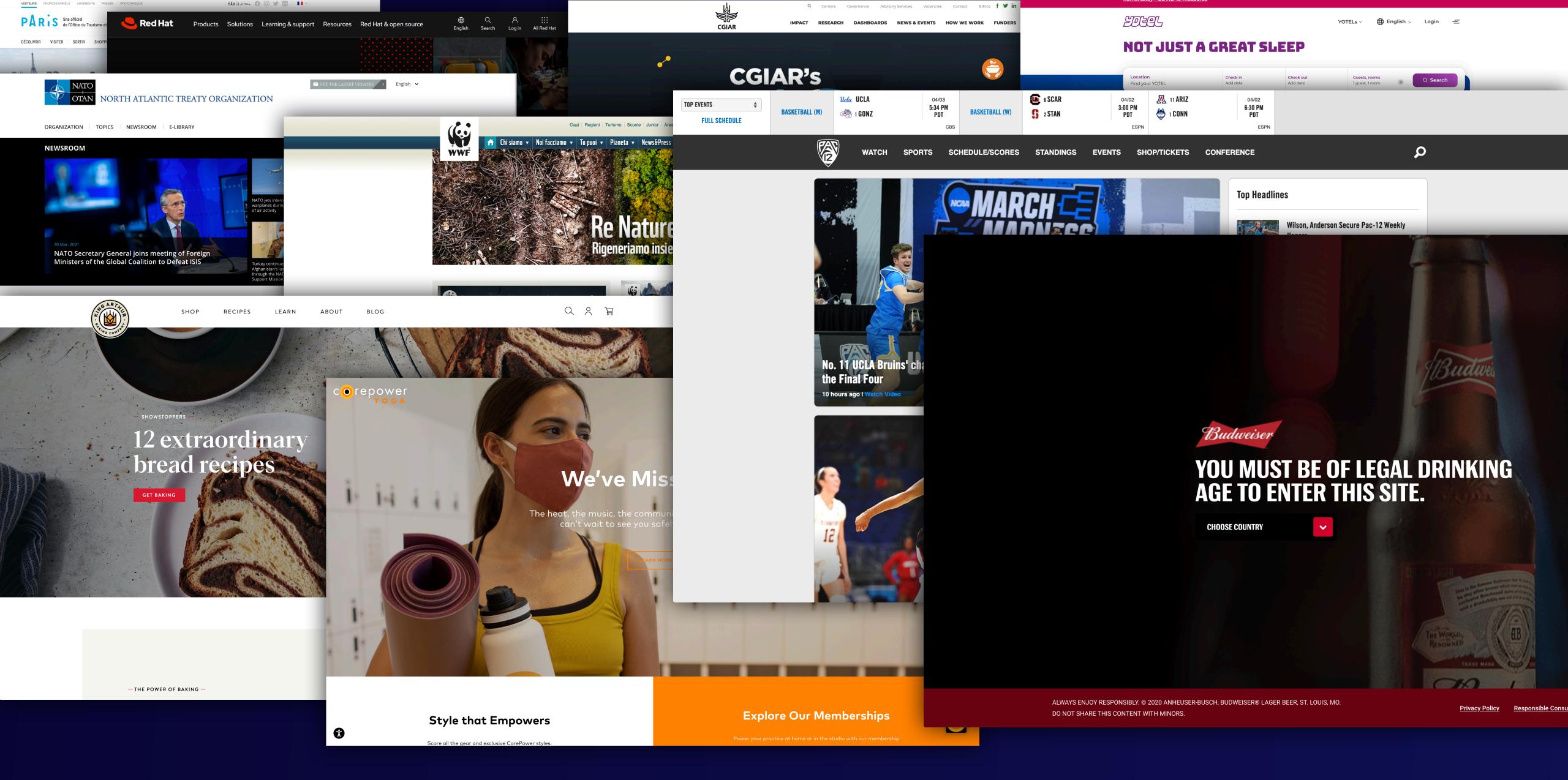




moderna

Johnson Johnson



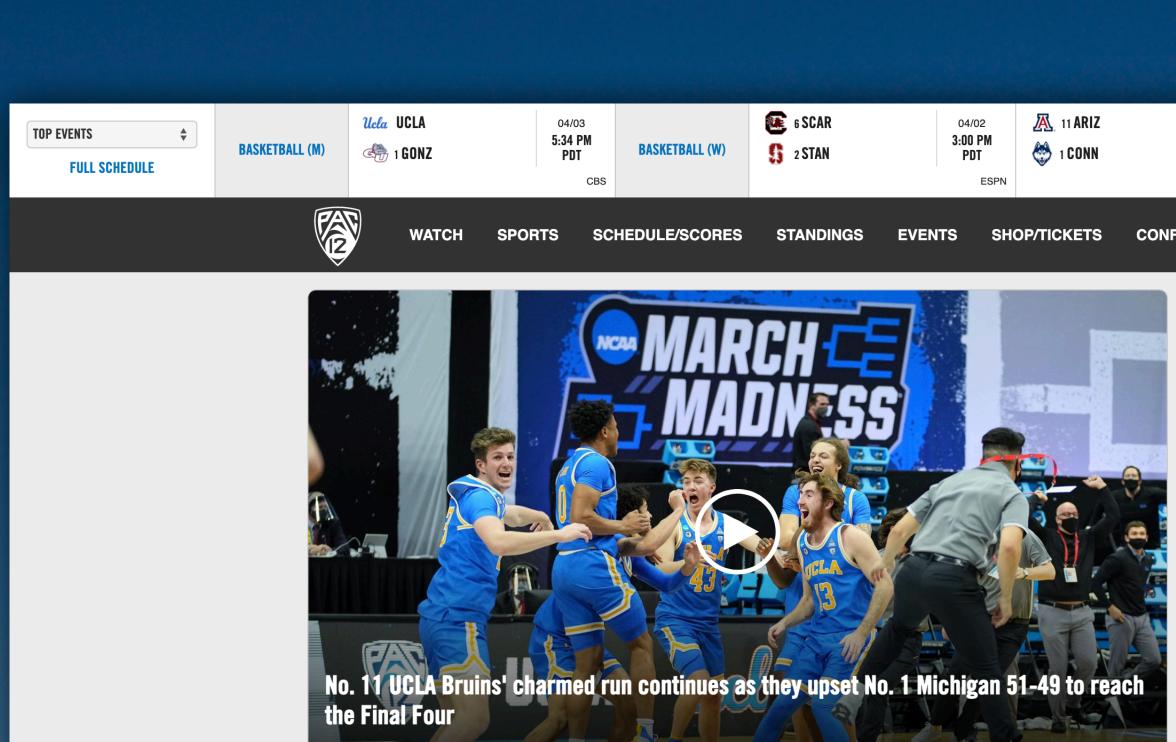


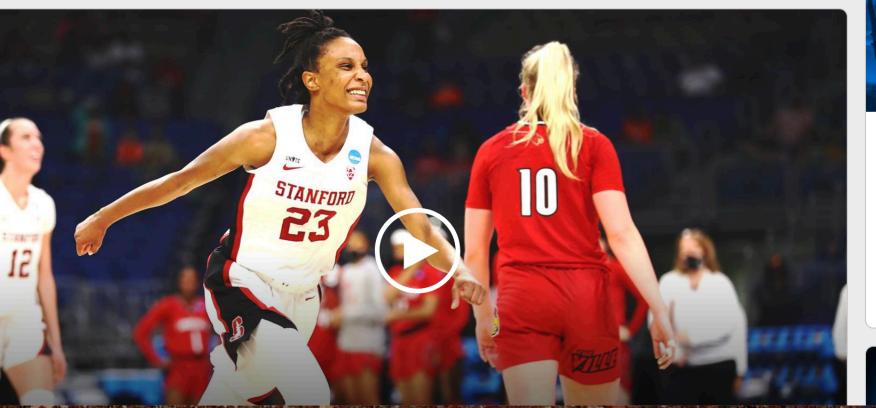
Thousands of ambitious digital experiences running on Drupal 9



Major migration from Drupal 8 to Drupal 9? No problem.

The all the second of the seco







6:30 PM



Wilson, Anderson Secure Pac-12 Weekly



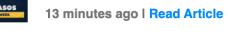


**Duel in the Desert** 

11 minutes ago I Read Article



Collin Travasos Named Pac-12 Player Of The





Get news, highlights and game info for your favorite Pac-12 teams

Sign up for email to get game news and highlights for your favorite team and sport.

**GET UPDATES** 

### From 0 to 60K sites in record breaking time



Drupal 8 readiness of Top 50 Drupal 7 contributed modules

17 mo. after Drupal 8 release

Under Development (dev/alpha/beta) In final testing (RC)

Stable Release

In Core

Obsolete



After ~1.5 years, only 1/3 of top 50 modules were upgraded



Drupal 8 readiness of Top 50 Drupal 7 contributed modules

17 mo. after Drupal 8 release

Under Development (dev/alpha/beta) In final testing (RC)

Stable Release

In Core

Obsolete



And 2/3 of the top 50 modules were not ready



# The module ecosystem is being updated faster than ever before

Drupal 8 readiness of Top 50 Drupal 7 contributed modules



Drupal 9 readiness of Top 50 Drupal 8 contributed modules

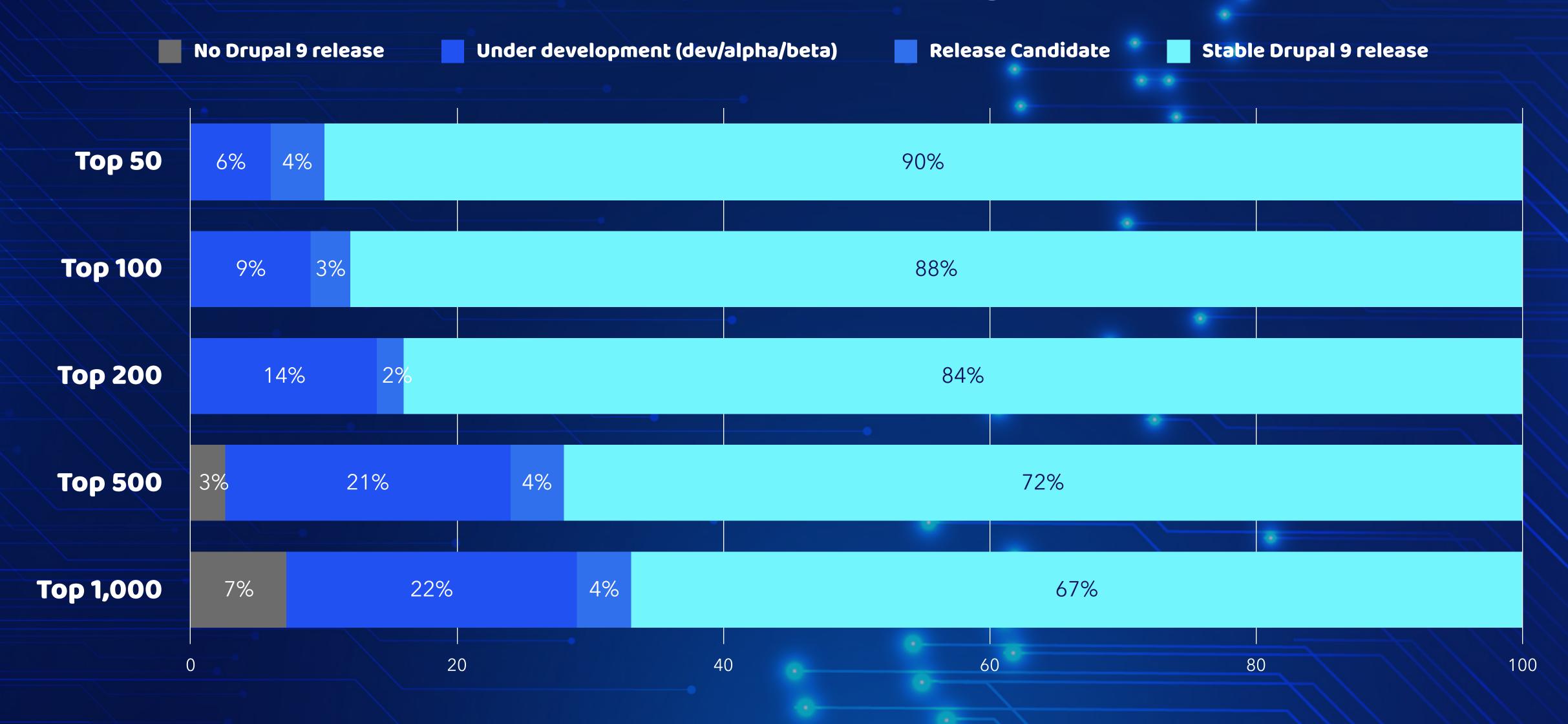


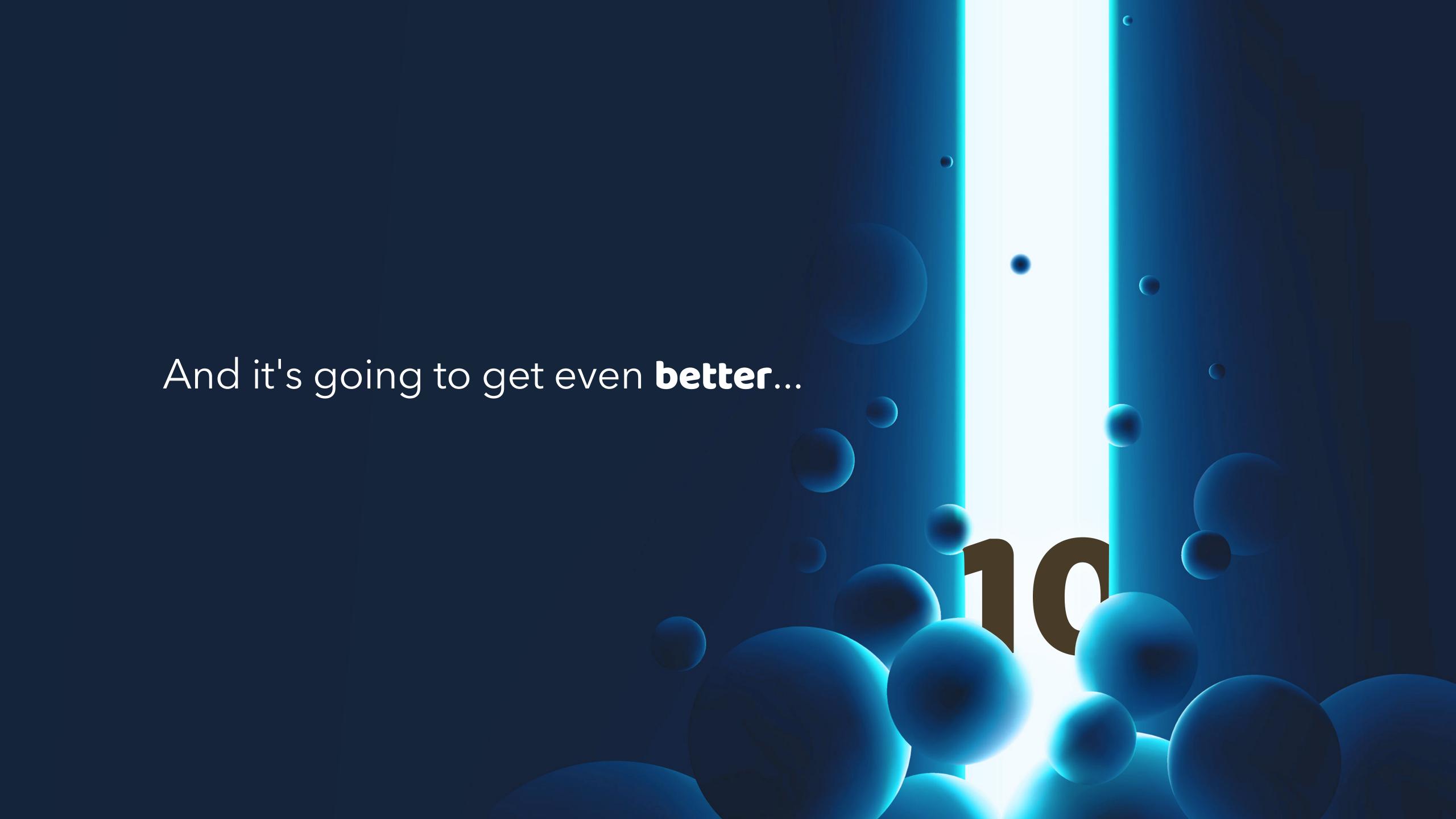
UD RC

Stable release

90% of the Top 50 modules are ready!

### More modules are becoming stable faster











# Let's take a a closer look Decoupled Menus

#### IN PROGRESS

# Decoupled Menus

- ✓ Non-module projects on Drupal.org
- ✓ Workflow for NPM
- ✓ Proof of concept
- ✓ React component
- ✓ Svelte component
- ✓ Menu Web Component

- Make menus available as JSON over HTTP in core
- Make them easier to consume with a shared JS library
- Document the solution

#### Yesterday - Tuesday April 13th

was Decoupled Menus Day - it was very productive!





#### IN PROGRESS

# Easy out of the box

Claro (Admin Theme)

Media

Layout Builder

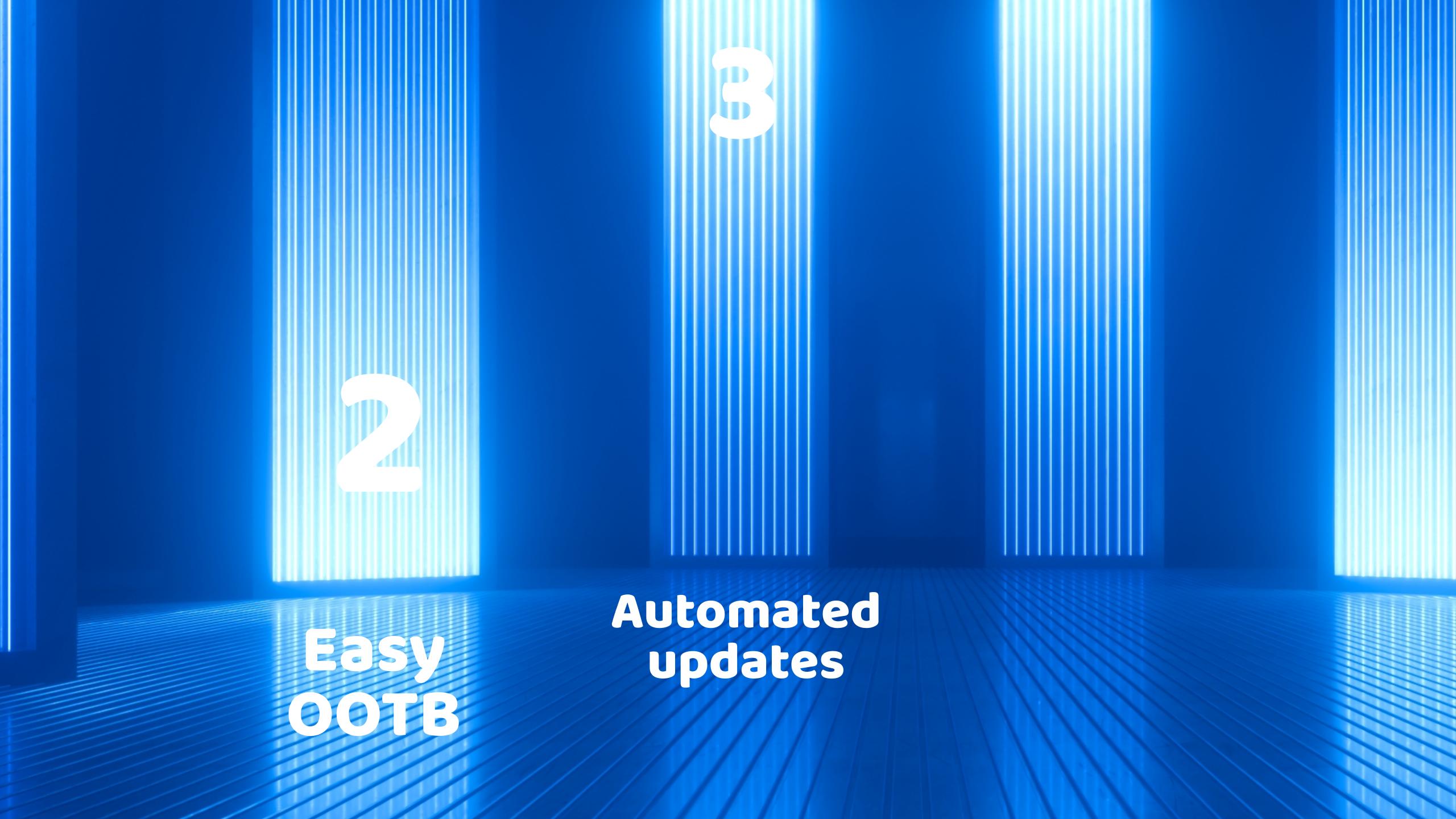
Claro added as beta!

Planning meetings

#### Today – Wednesday April 14th

is Easy Out of the Box day if you'd like to get involved





#### IN PROGRESS

# Automated updates

### Automatic updates contributed module:

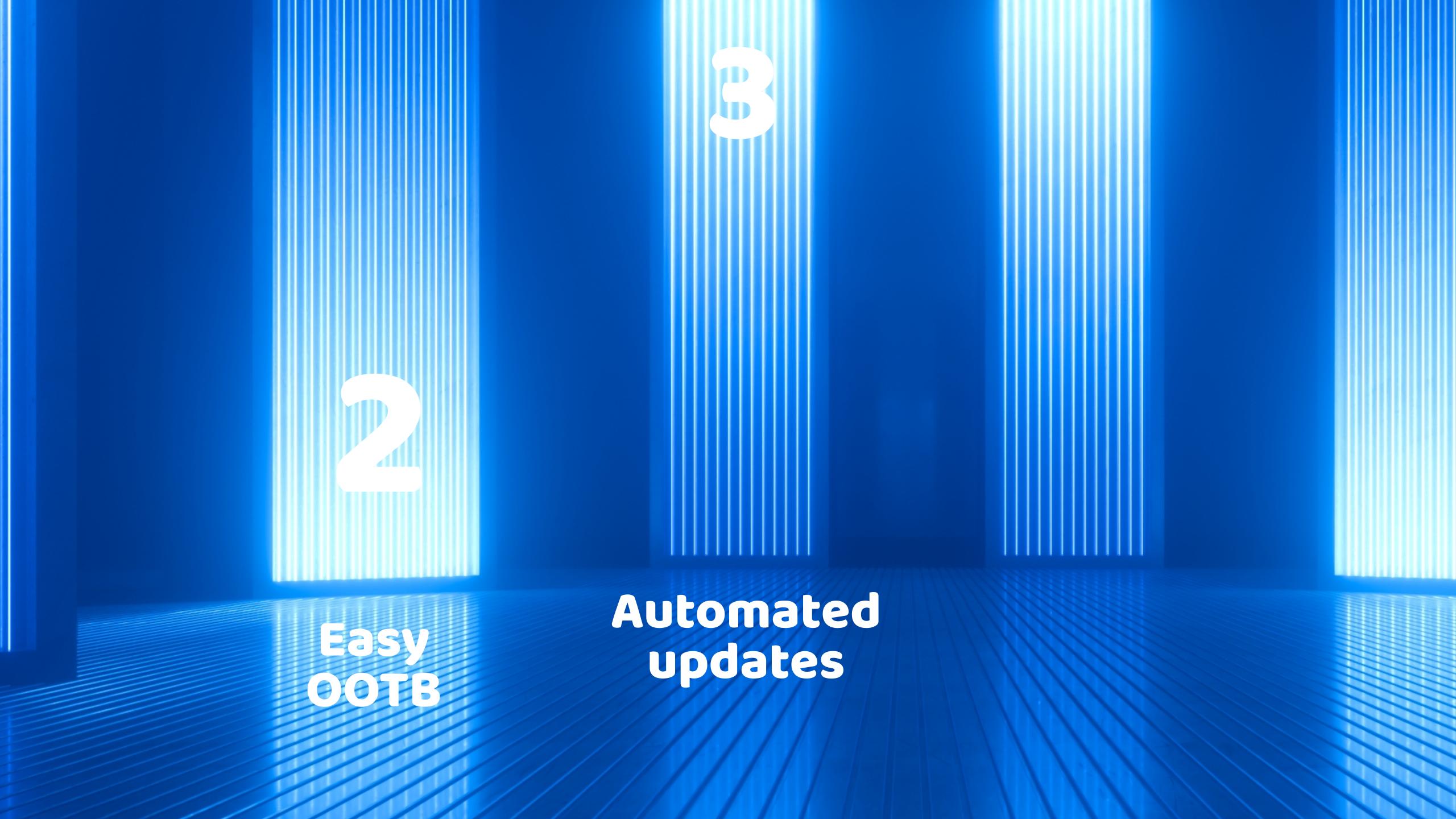
- √ For Drupal 7 and Drupal 8
- ✓ For non Composer-based site installations
- ✓ Update readiness checks and API
- ✓ Signature verification with PHP Signify

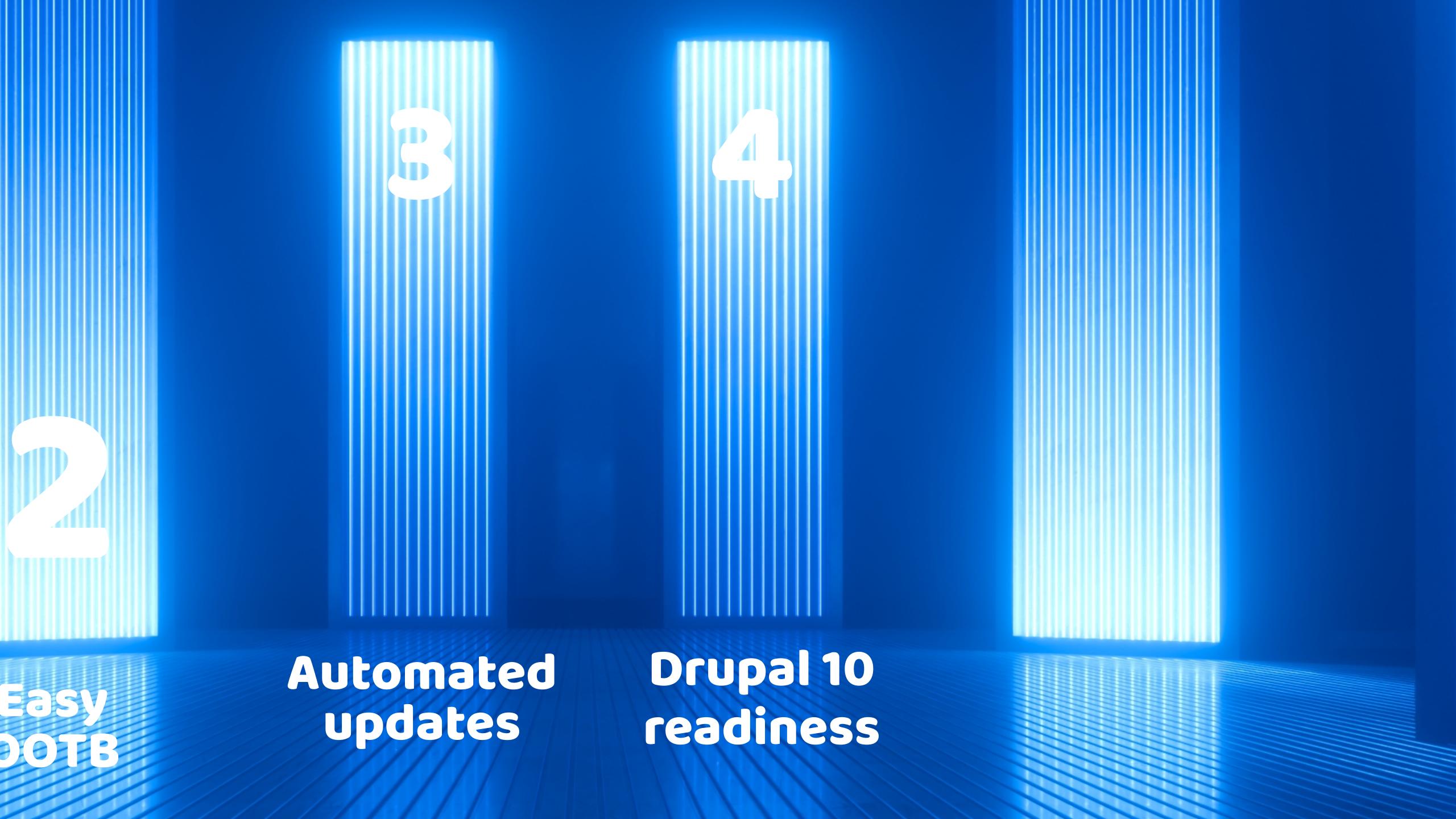
### Getting it into Drupal core:

- For Drupal 9+
- For Composer-based site installations
- Readiness check API
- Signature verification with TUF (more security features than Signify)

#### Tomorrow - Thursday April 15th

Automated Updates Day, let's make some progress together!





#### IN PROGRESS

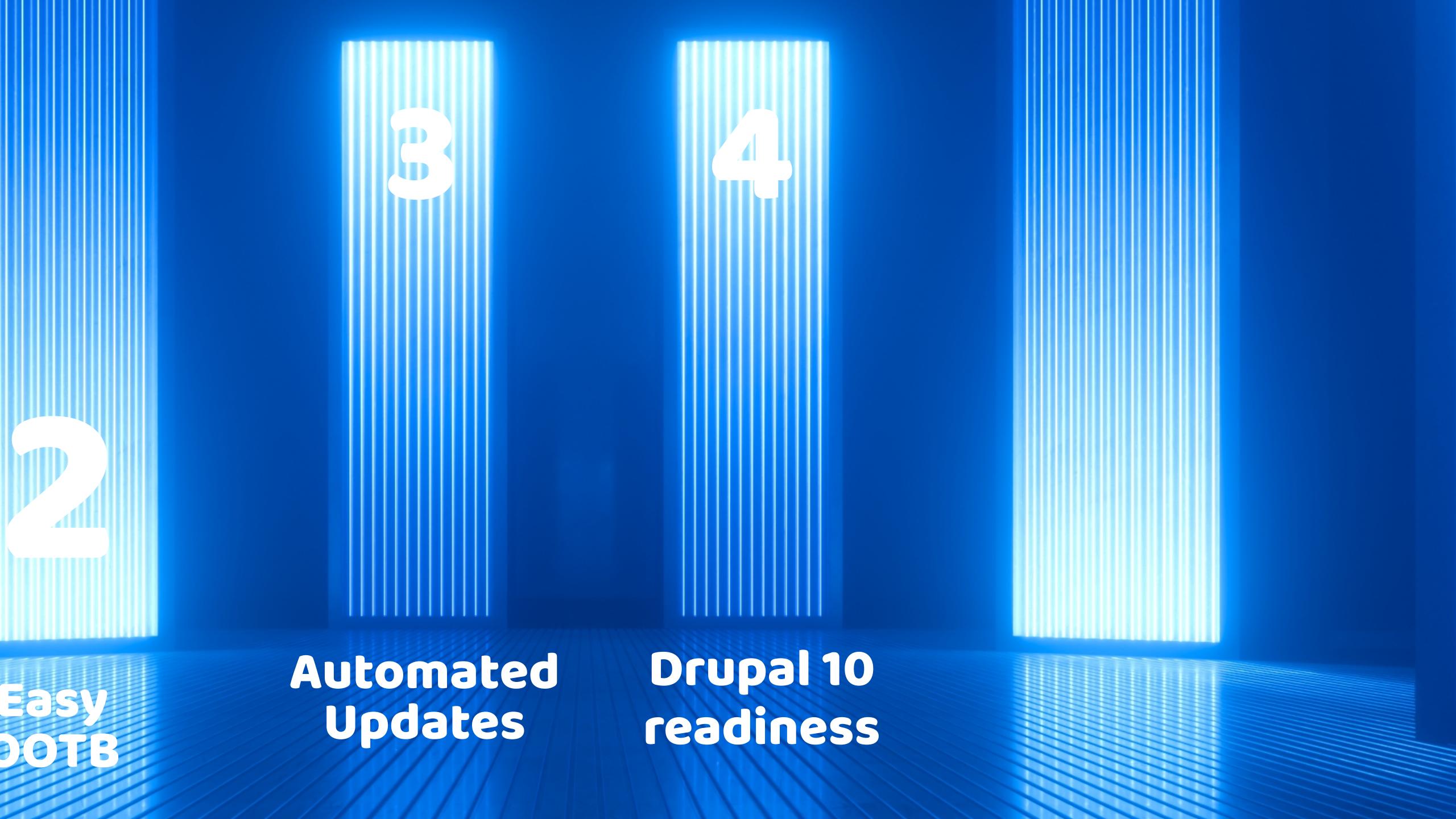
# Drupal 10 readiness

- ✓ PHP 8
- ✓ Symfony 5
- ✓ Composer 2
- ✓ Upgrade Status

- Symfony 6
- CKEditor 5
- jQuery UI removal

#### In two days; Friday April 16th

Join us for Drupal 10 Readiness Day, where we will focus mainly on CKEditor





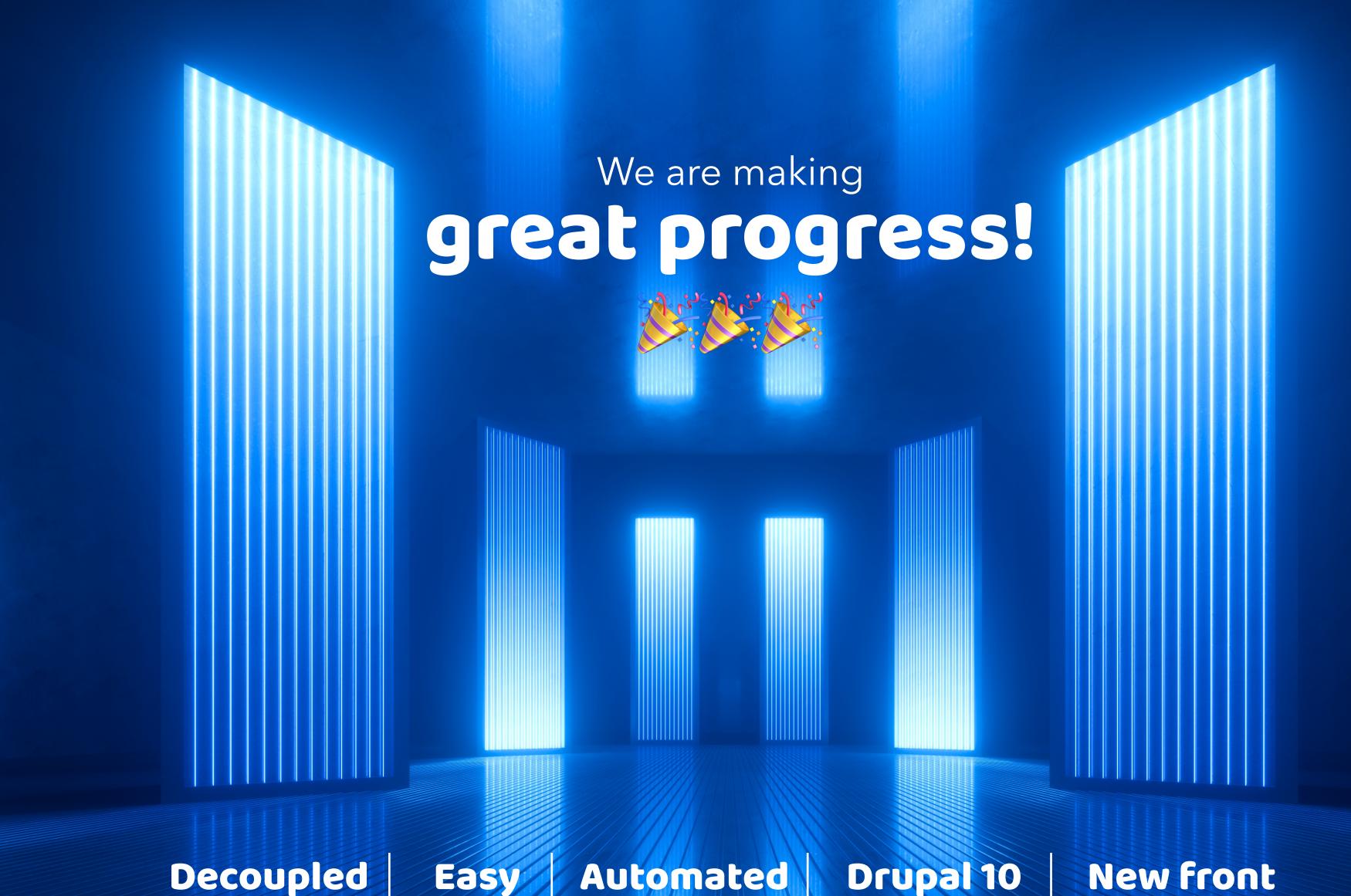
#### DONE IN PROGRESS

### New frontend theme (Olivero)

In core as beta!

Mainly accessibility work

Close to the finish line



Decoupled Menus

Easy OOTB

updates

readiness

end theme

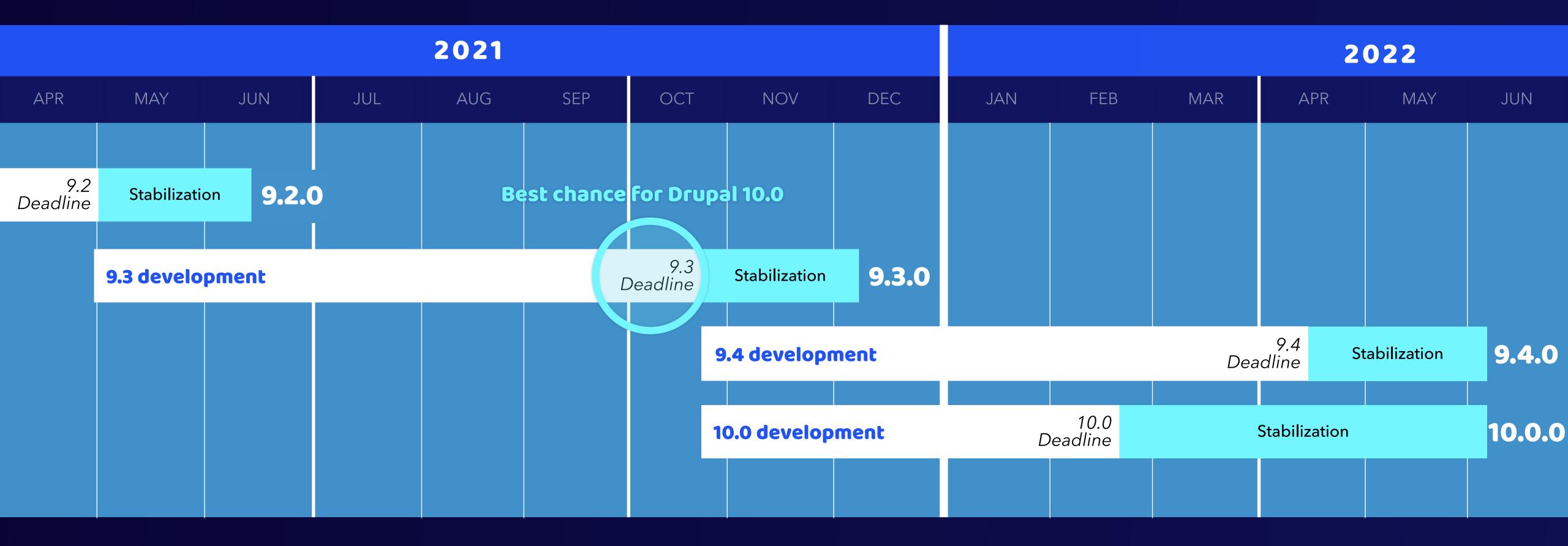
### Planned dates for Drupal 9 and 10

Two weeks remaining to get something into Drupal 9.2 6 months remaining to get something into Drupal 10



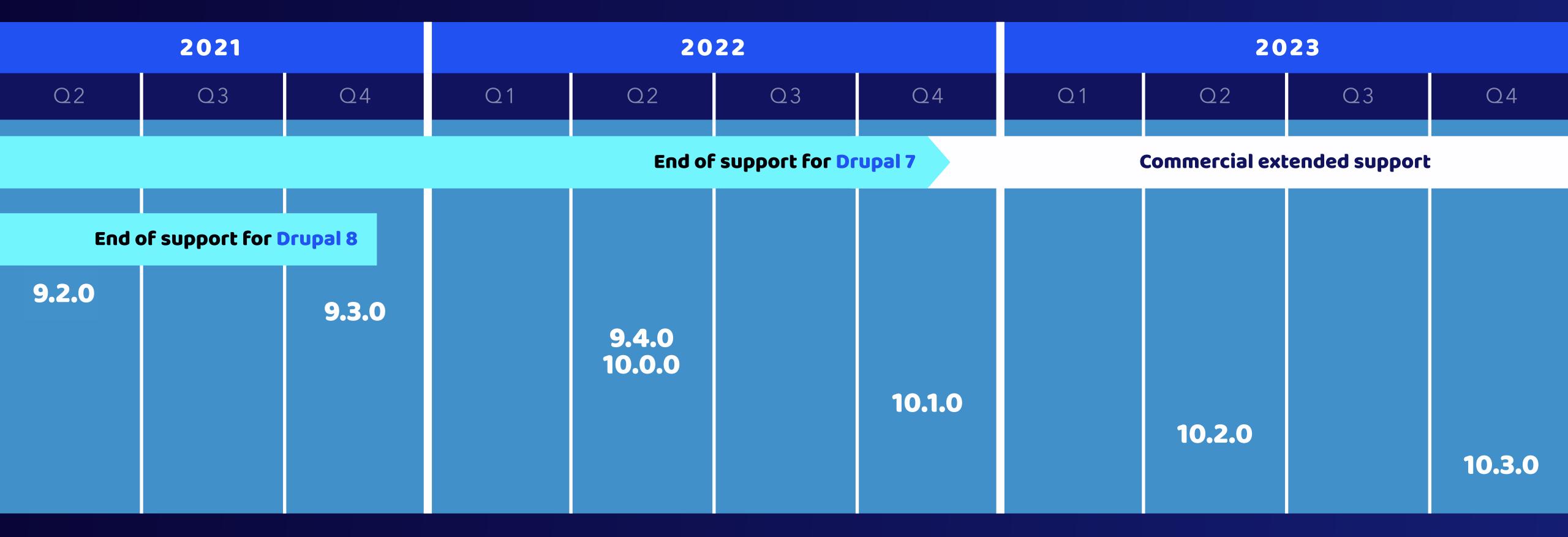
# Planned dates for Drupal 9 and 10

Two weeks remaining to get something into Drupal 9.2 6 months remaining to get something into Drupal 10



# Key dates for Drupal 7 and 8

End of support for Drupal 7 is November 2022; there is extended commercial support beyond this End of support for Drupal 8 is November of this year





kishor\_kolekarpiggito dZumual attiks Travis Carden 1,152 Individuals have contributed since Drupal 9's initial release Indrajith KB
SoskoLalahmac
SoskoLalahmac
Solando tanbendey
Ned Greeg Boggs timpanesh
Ned Hell
Solando tanbendey
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Solando Kingdutch gease geëk-merlin Bunty Badgujarjptara ım.plunkett Pasqualle\ jameszhang023 markie MrPaulDriver Jarowlanicandanpingwin4eg shellem vinyl sulanyi amakishan modulist shubham.prakash juhog aerozeppelin Rangaswini Stefdewa longwaveguilhemely pranavas cilefen of shellem vinyl sulanyi amakishan modulist shubham.prakash juhog aerozeppelin Rangaswini Stefdewa longwaveguilhemely pranavas cilefen of shellem vinyl sulanyi amakishan modulist shubham.prakash juhog aerozeppelin Rangaswini Stefdewa longwaveguilhemely pranavas cilefen of shellem vinyl sulanyi amakishan modulist shubham.prakash juhog aerozeppelin Rangaswini Stefdewa longwaveguilhemely pranavas cilefen of shellem vinyl sulanyi shubham.prakash juhog aerozeppelin Rangaswini Stefdewa longwaveguilhemely pranavas cilefen of shellem vinyl sulanyi shubham.prakash juhog aerozeppelin Rangaswini Stefdewa longwaveguilhemely pranavas cilefen of shellem vinyl shubham.prakash juhog aerozeppelin Rangaswini Stefdewa longwaveguilhemely pranavas cilefen of shellem vinyl shubham.prakash juhog aerozeppelin Rangaswini Stefdewa longwaveguilhemely pranavas cilefen of shellem vinyl shubham.prakash juhog aerozeppelin Rangaswini Stefdewa longwaveguilhemely pranavas cilefen of shellem vinyl shubham.prakash juhog aerozeppelin Rangaswini Stefdewa longwaveguilhemely pranavas cilefen of shellem vinyl shubham.prakash juhog aerozeppelin Rangaswini Stefdewa longwaveguilhemely pranavas cilefen of shellem vinyl shubham.prakash juhog aerozeppelin Rangaswini Stefdewa longwaveguilhemely pranavas cilefen of shellem vinyl shubham.prakash juhog aerozeppelin Rangaswini Stefdewa longwaveguilhemely pranavas cilefen of shellemely pranavas cilefen of shellem



Getting off the island

Drupal 9 update and planning for Drupal 10

Today's Topics

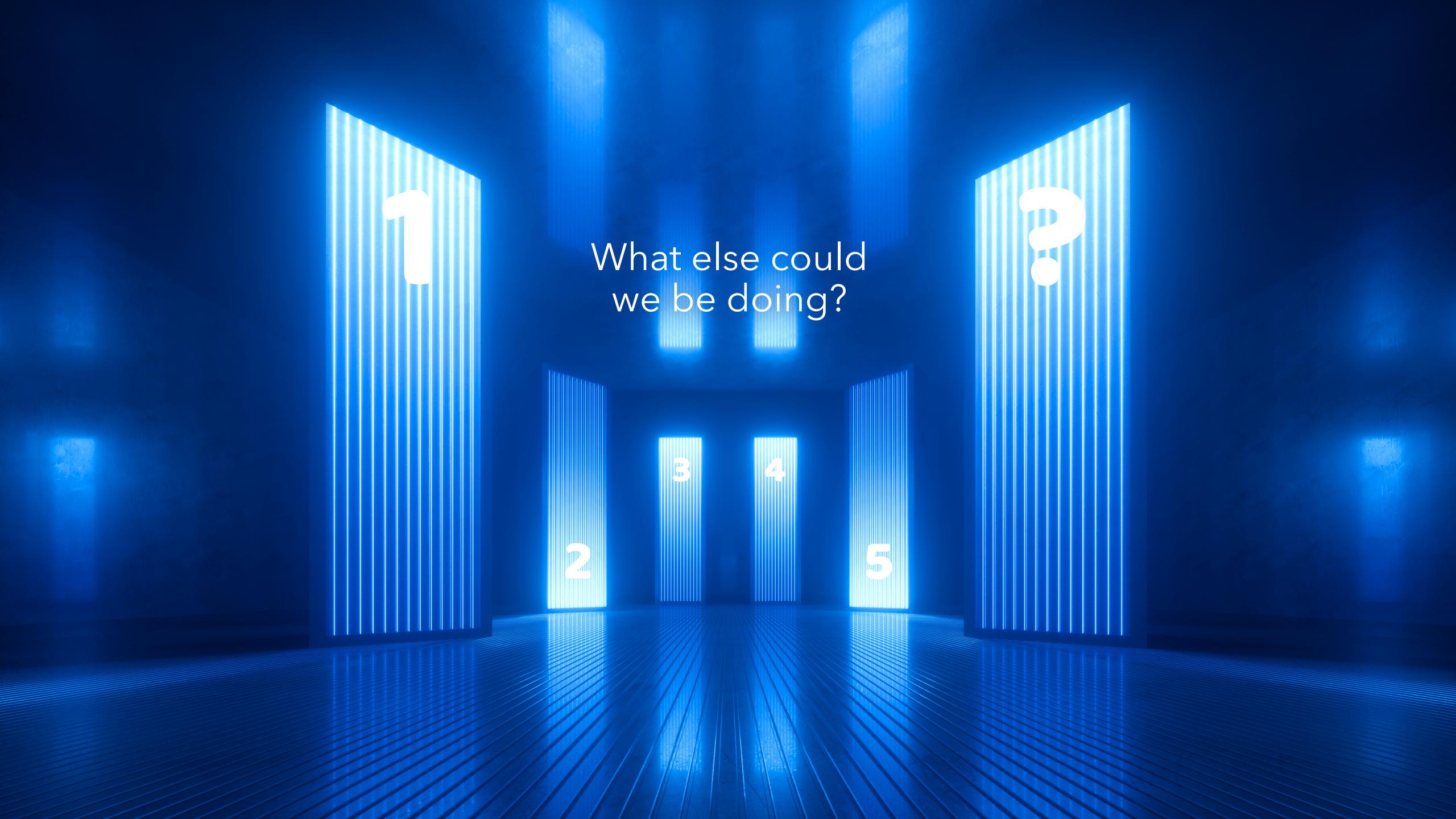
Falling in love with Drupal

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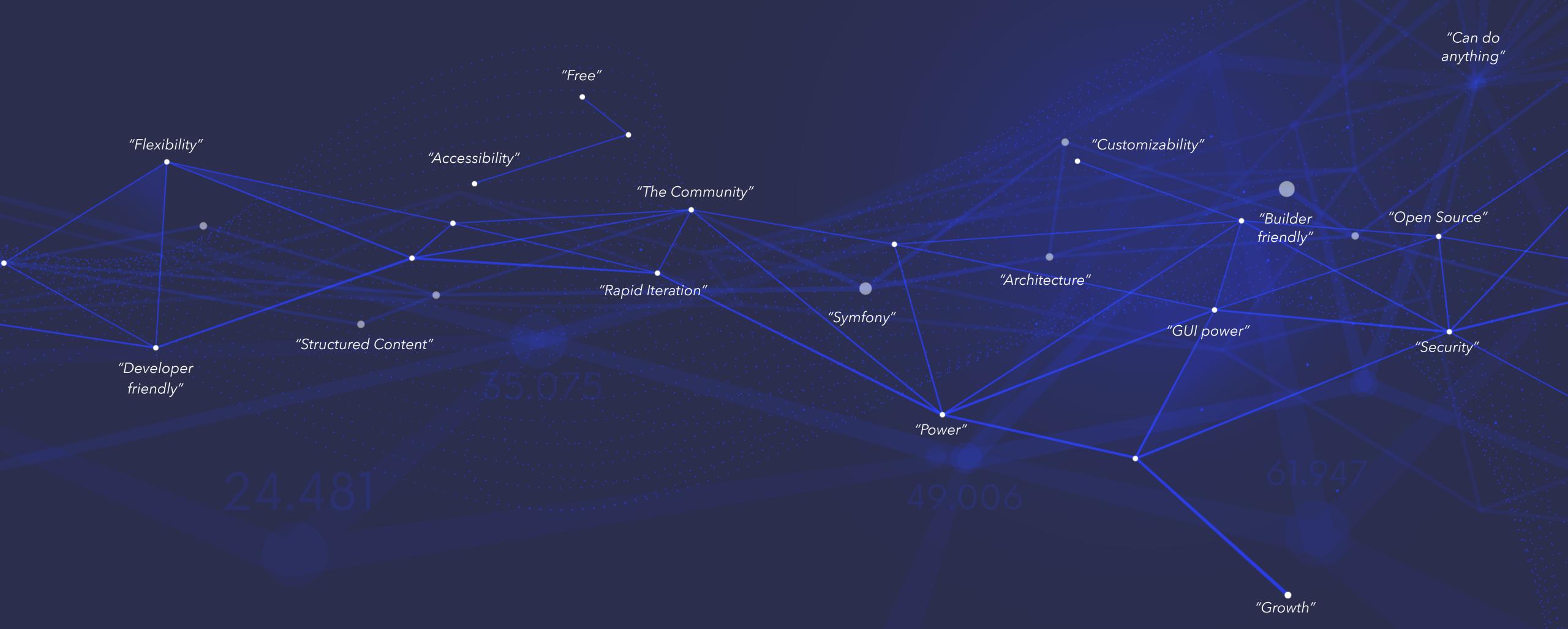
Today's Topics

Falling in love with Drupal



# "What the most important strength of Drupal?"

Ask 20 Drupal users and you get 20 different answers, often with a 20 minute explanation.

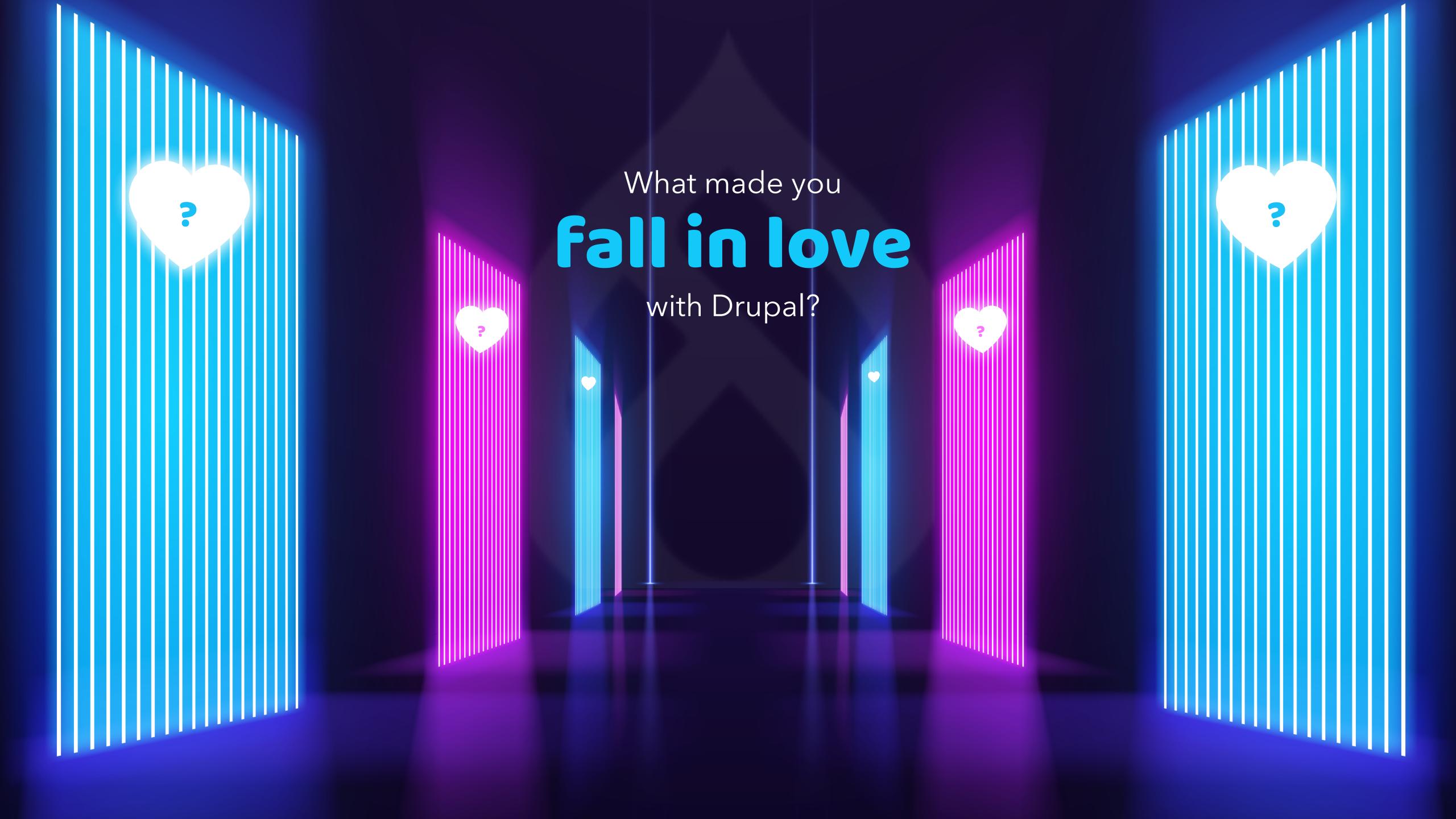


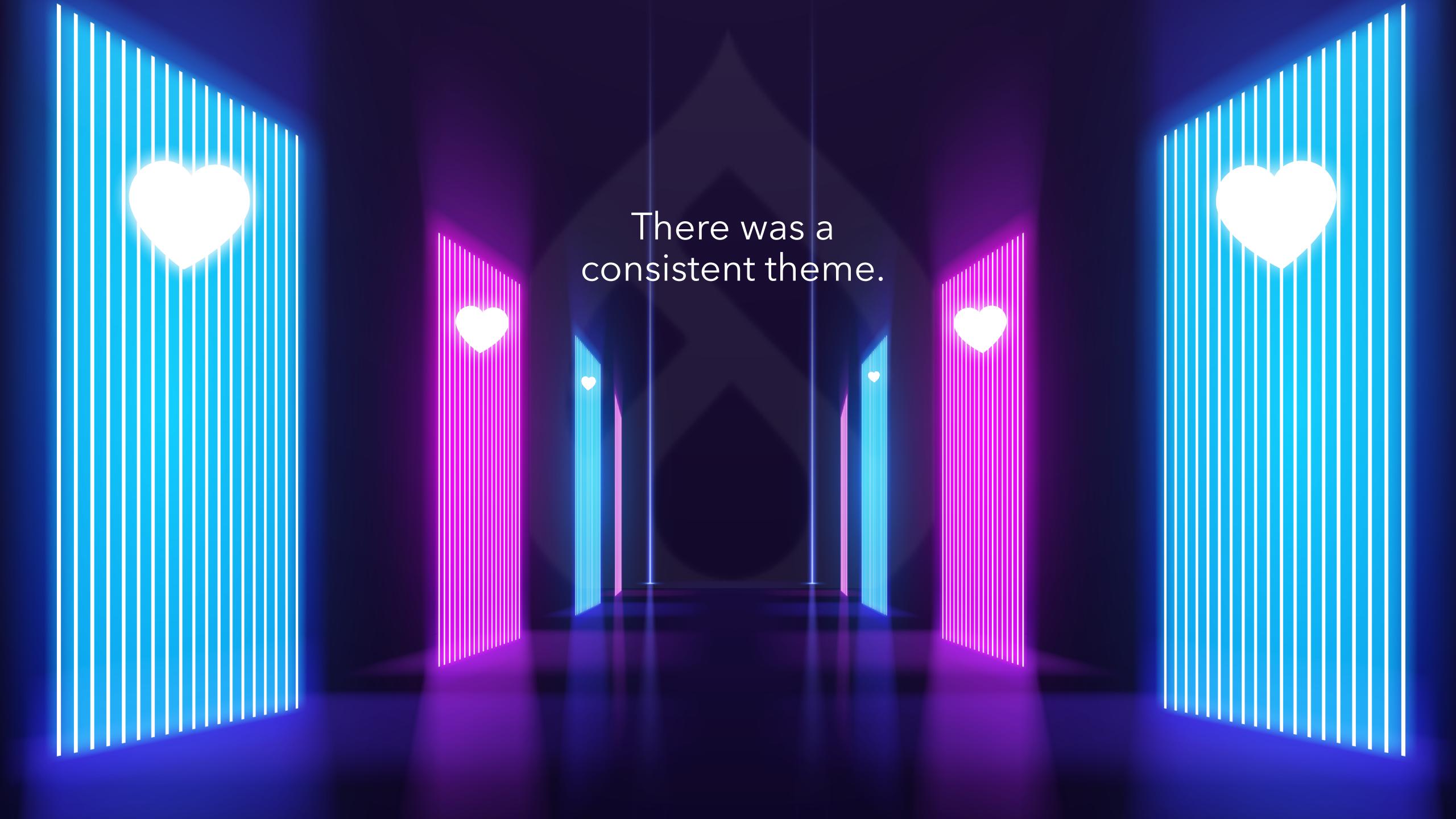




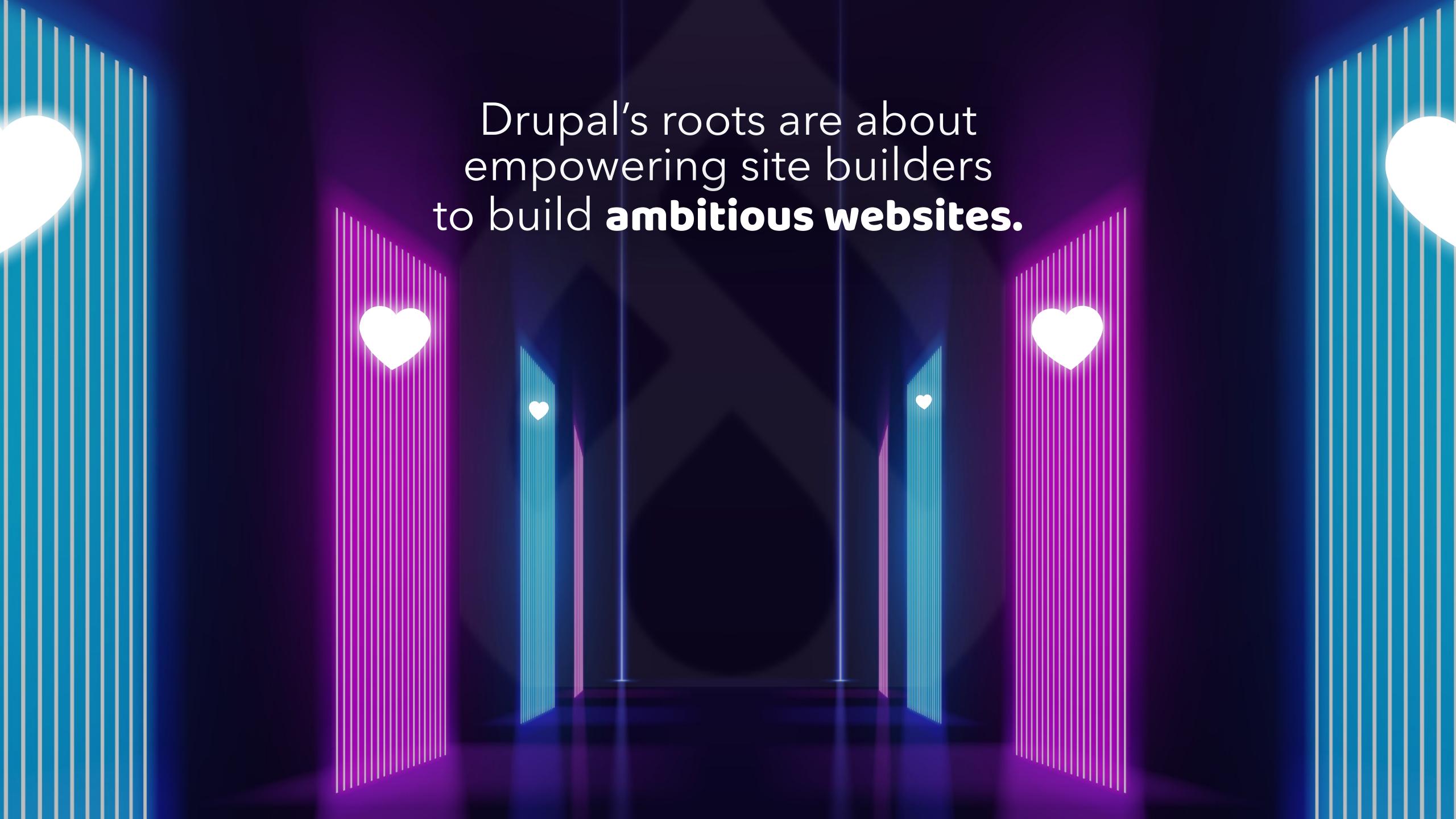


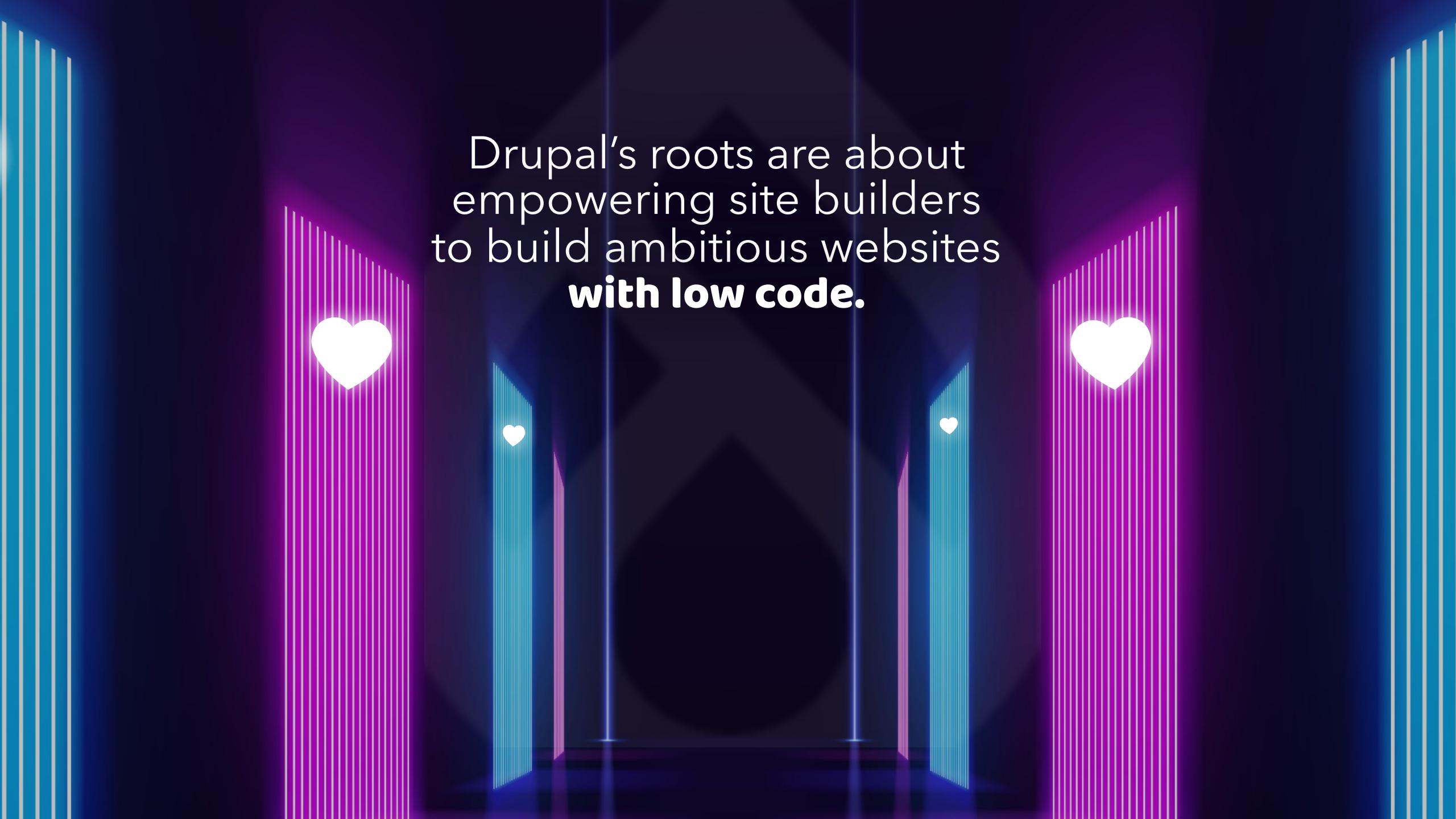


















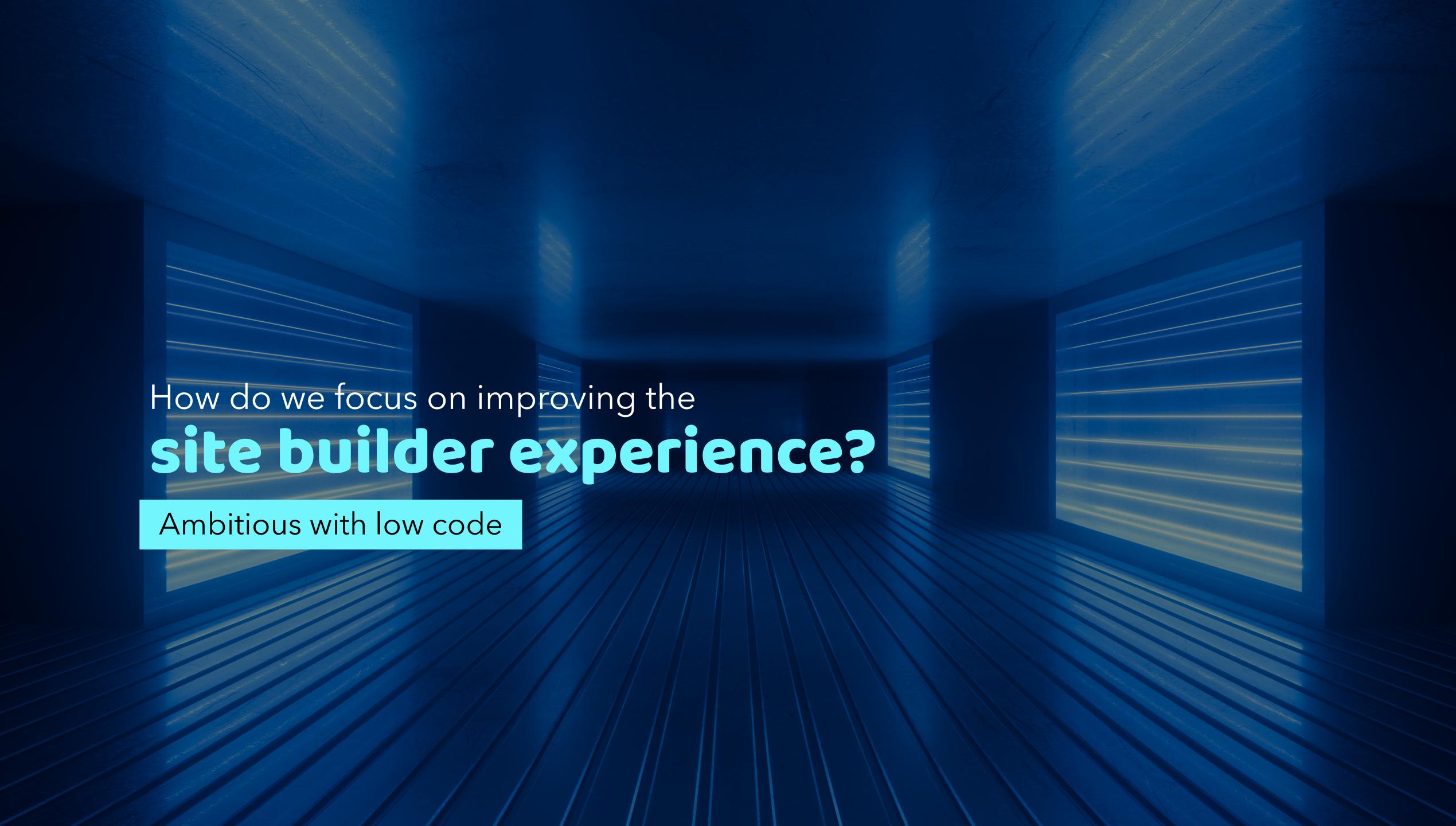




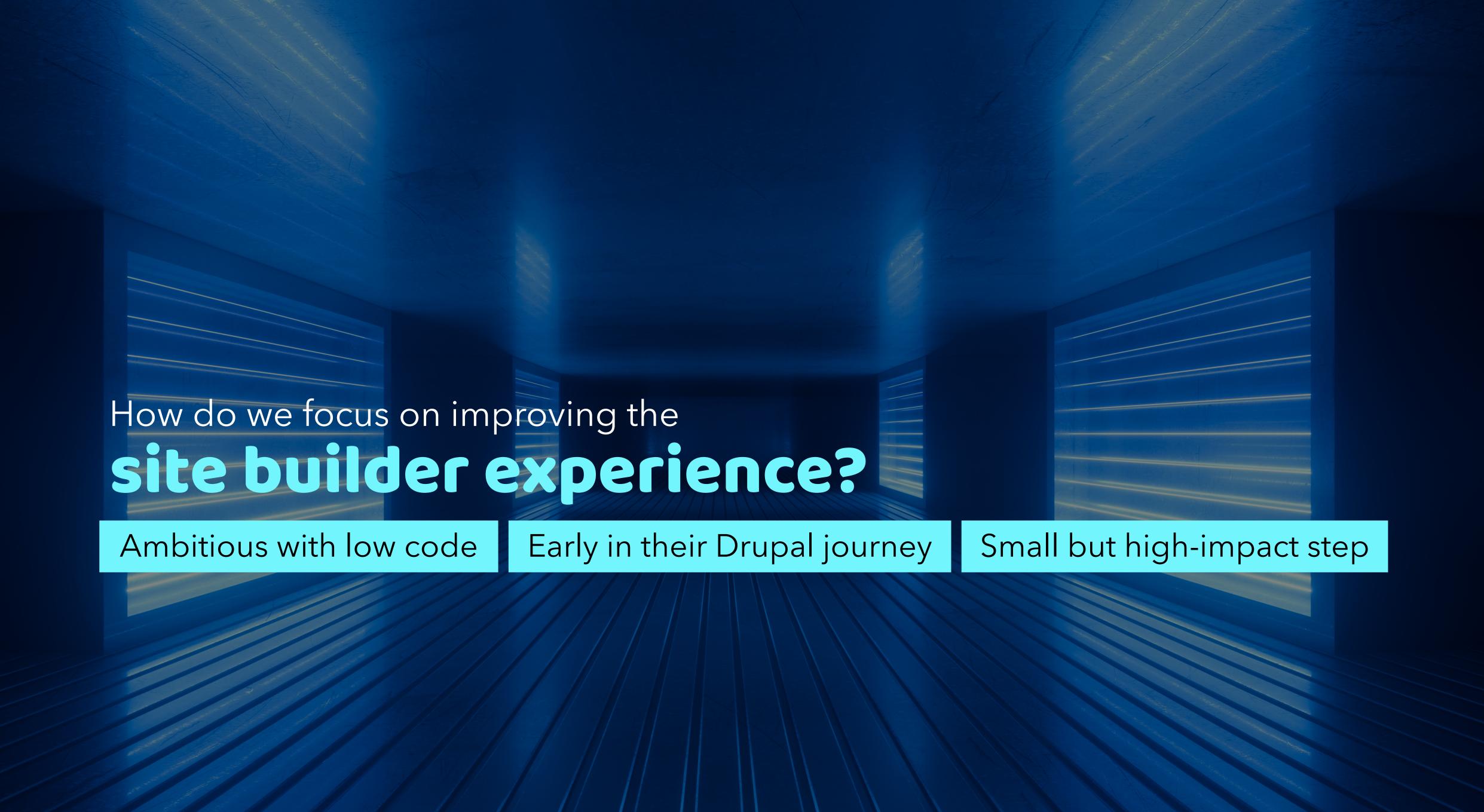












One of the first things all site builders do after installing Drupal is Install a module

## What new users ought to be able to do:

Discover the module you need

Install it

## What a new Drupal user ACTUALLY has to do

#### 1. "What's a module?"

- 2. No reference to "module" in UI
- 3. Check Help page
- 4. Click Extend page
- 5. Go to Drupal.org module list

6. "Which module do I need?"

9. Marvel at numerous irrelevant search results

10. Find one that seems right (hopefully it has a screenshot)

7. Get overwhelmed: 46,000+ modules!!

8. Use the complicated search box

### 13."Which module version do I need?"

- 14. See if there's a release for my version of Drupal
- 15. What does "8.7 || 9" mean?
- 16. I guess that should work?
- 17. Click file name to download

### 18. "How do I install it?"

- 19. Back to Drupal
- 20. Try the big "Install module" button
- 21. Upload module file from earlier
- 22. Try to install
- 23. White Screen of Death.
- 24. Go back to Drupal.org; copy the link instead
- 25. Paste it in Drupal
- 26. Try to install
- 27. White Screen of Death.
- 28. Google "How to install Drupal modules"

### 29. Find out about Composer

- 30. Rabbithole trying to get Composer to work 🐁 🕳
- 31. Composer fails, because the module is not stable
- 32. Throw a chair
- Read various other docs that also don't tell you what to do
- 34. Google for "drupal support"
- Get advice to use the forums (no mention of Slack)
- 36. ???
- Put Fivestar module in the right place magically because you're a wizard

### 38. Enable the module...how?

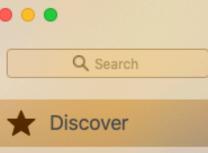
- 39. Find Fivestar in Extend page
- 40. Try to enable it by checking the box. YOU CAN'T.
- 41. CHECKING A BOX DOESN'T WORK; %\$^&!!#\$&^\*
- 42. Notice that the row expands
- 43. You need votingapi module to enable fivestar
- 44. Repeat steps \_ through \_ for votingapi

45. Use the module I guess...but how?

### 11. "Which version of Drupal do I have?"

12. Rabbithole trying to find version # 🗞 🕳





## Drupal is powered by an open source community

Get involved

Create

Arcade

Work Work

Play

Develop

Categories

Updates

FEATURED MODULE

### Make forms and surveys

Webform is the module for making forms and surveys in Drupal.



**POPULAR THEME** 

### USWDS - United States Web Design System Base

This is a base theme utilizing the United States Web Design System.



### **Modules We Love Right Now**



### Token

Image editing for humans



GET

GET

In-App Purchases

GET

In-App Purchases

### **Crop API**

Plan, shop, cook, repeat



### **External Links**

**Cool Tools for Schools** 

Mix Music & Remix Songs



In-App Purchases



### **Paragraphs**

Productivity



### **Views Infinite Scroll**

Fast, unbiased GPU rendering



## Focal Point Productivity





### Twig Tweak

Easy note-taking & annotation



### **IMCE**

Plan tasks and lists

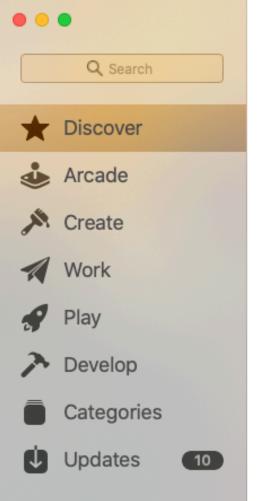


## 8

### DaVinci Resolve Photo & Video

GET





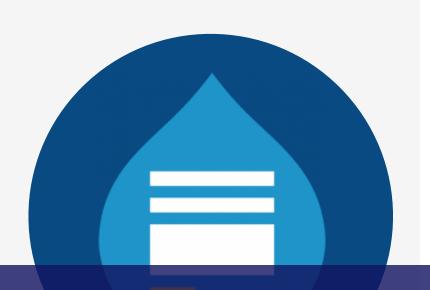
### Drupal is powered by an open source community

Get involved

FEATURED MODULE

### Make forms and surveys

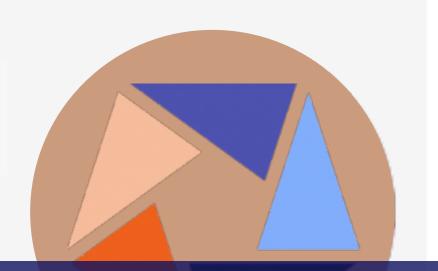
Webform is the module for making forms and surveys in Drupal.



POPULAR THEME

### **USWDS - United States** Web Design System Base

This is a base theme utilizing the United States Web Design System.



A Project browser to enable new site builders to discover and install modules from within Drupal. It would allow for instant, seamless discovery and experimentation.

### **Modules We Love Right Now**



### Token

Image editing for humans



### **Crop API**

Plan, shop, cook, repeat



### **External Links**

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GET

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**Focal Point** Productivity

GET



### Twig Tweak

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GET

GET

In-App Purchases



### **IMCE**

Plan tasks and lists





DaVinci Resolve Photo & Video

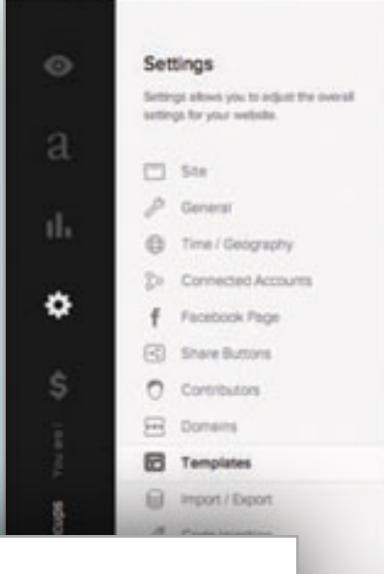
GET



## If you want to install an app on your iPhone,

you don't open a browser on desktop, go to apple.com, download a app, and transfer it to your iPhone...

# Project browsers are table stakes!



#### Squarespace

Use this area to switch the look and feel of your Squarespace. Below, you can find templates competible with the category you selected when you first created your site. Previewing a template below will allow you to see what your site will look like without changing how your visitors see your site. You can switch templates at any time.

Brow

Plugins extend and expand the functionality of WordPress. You may automatically install plugins from the WordPress Plugin Directory or upload

Install Now

More Details

Install Now

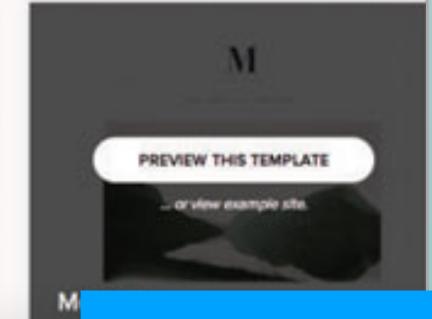
More Details



Templates

Add Plugins Upload Plugin

button at the top of this page.

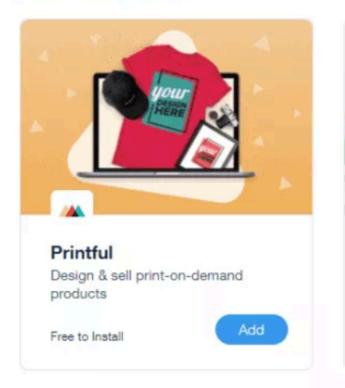


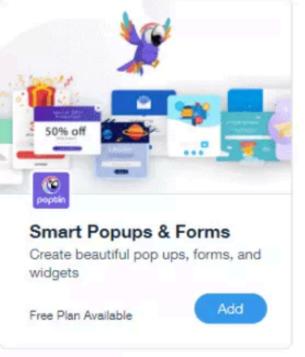
#### WordPress



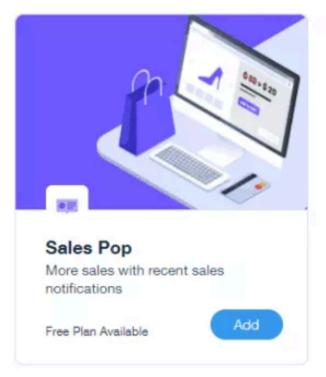
Wix

#### **Trending Now**









#### BuddyPress

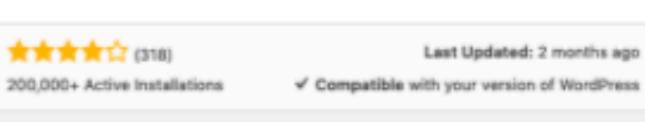
Popular Recommended Favorites

BuddyPress helps site builders & developers add community features to their websites, with user profiles, activity streams, and more!

A new editing experience for WordPress

is in the works, with the goal of making...

By The BuddyPress Community



Gutenberg

By Gutenberg Team

#### Health Check & Troubleshootin

Keyword + Se

Health Check identifi problems, and helps plugin and theme co

√ Cor

By The WordPress.o



### bbPress bbPress is forum sof WordPress way.

By The bbPress Con-

#### Wix Business Solutions









See More Apps >

Webforms: Add-ons

#### Webforms: Add-ons Options Configuration Submissions The Add-ons page lists Drupal modules and projects that extend and provide additional functionality to the Webform module and Drupal's Form API. If you would like a module or project to be included in the below list, please submit a request to the Webform module's issue queue. ▶ Watch video Filter by keyword Drupal's Webforms Module 169 add-ons > Applications built a Project Browser for > Elements its own extensions > Enhancements Integrations Webform CiviCRM Integration A powerful, flexible, user-friendly form builder for CiviCRM. https://www.drupal.org/project/webform\_civicrm **★**Recommended Webform Content Creator

Provides the ability to create nodes after submitting webforms, and do mappings between the fields of the created node and webform submission values.

https://www.drupal.org/project/webform content creator

Automated updates

Package signing

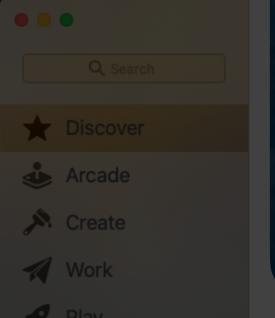
Composer is here now

Why a project browser now?

Packages end points

Project feeds / XML

https://www.drupal.org/project/ideas/issues/2940733



Develop

Updates 10

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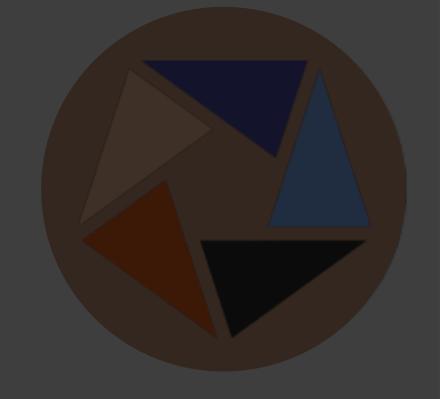
To make Drupal the go-to technology for site builders experience...



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## Step 1: Project Browser

#### **Modules We Love Right Now**



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#### CROP

#### **Crop API**

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#### **External Links**

Mix Music & Remix Songs





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F

Focal Point Productivity

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#### DaVinci Resolve Photo & Video





# Let's start a Project Browser initiative for contrib

1. Formalize an initiative team

0

# Let's start a Project Browser initiative for contrib

2. You can add your name to the issue at https://www.drupal.org/project/ideas/issues/2940733

1. Formalize an initiative team

Let's start a Project Browser initiative for contrib

3. Weekly meeting until handoff (Dries to temporarily lead it)

2. You can add your name to the issue at https://www.drupal.org/project/ideas/issues/2940733

0

1. Formalize an initiative team

#### Configuration management

To make Drupal the go-to technology for site builders experience...

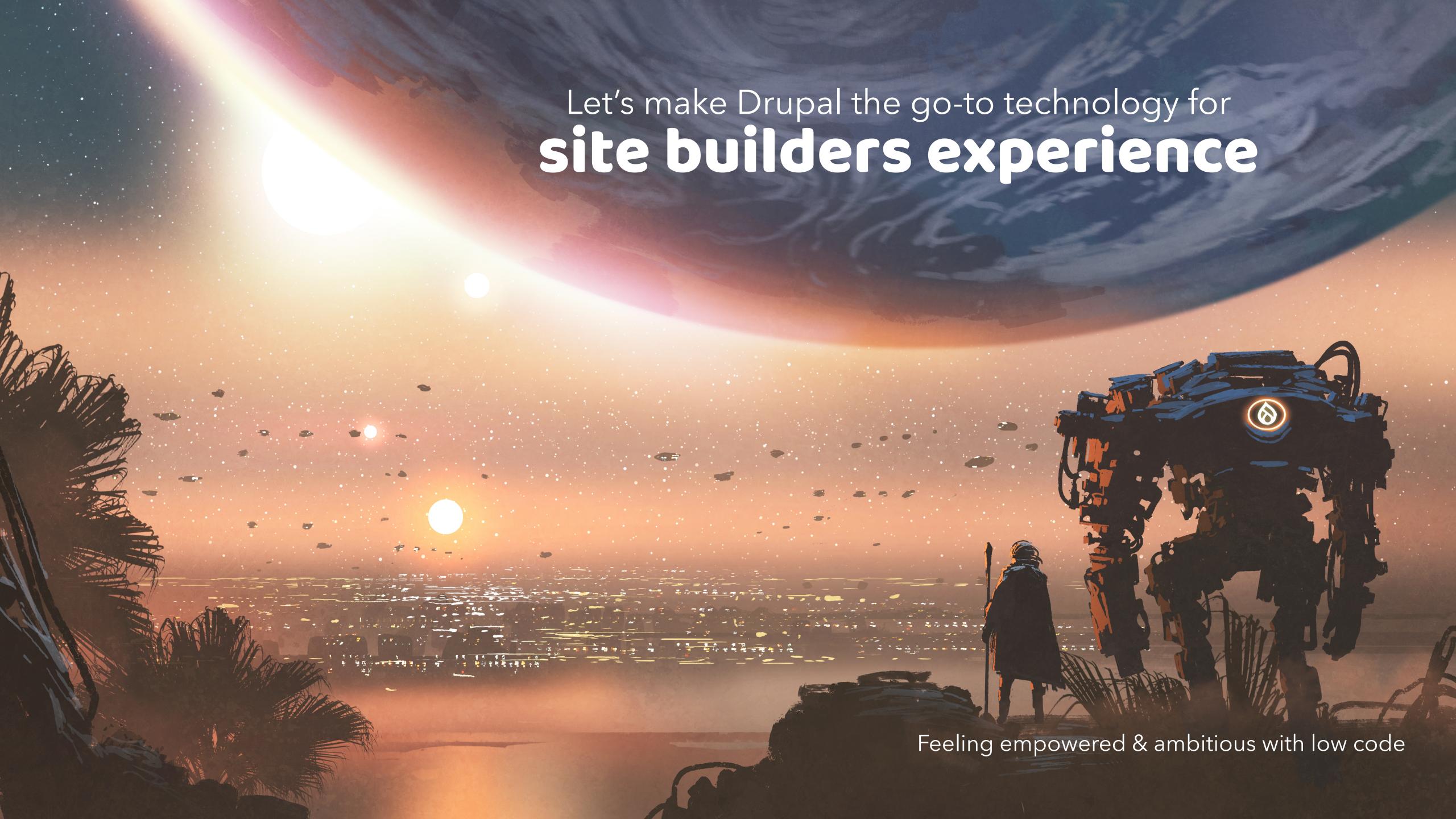
Paragraphs

Step 2: Improve UX of:

**Entities + Fields** 

Views





Getting off the island

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# We have one of the most scalable, robust and mature development communities

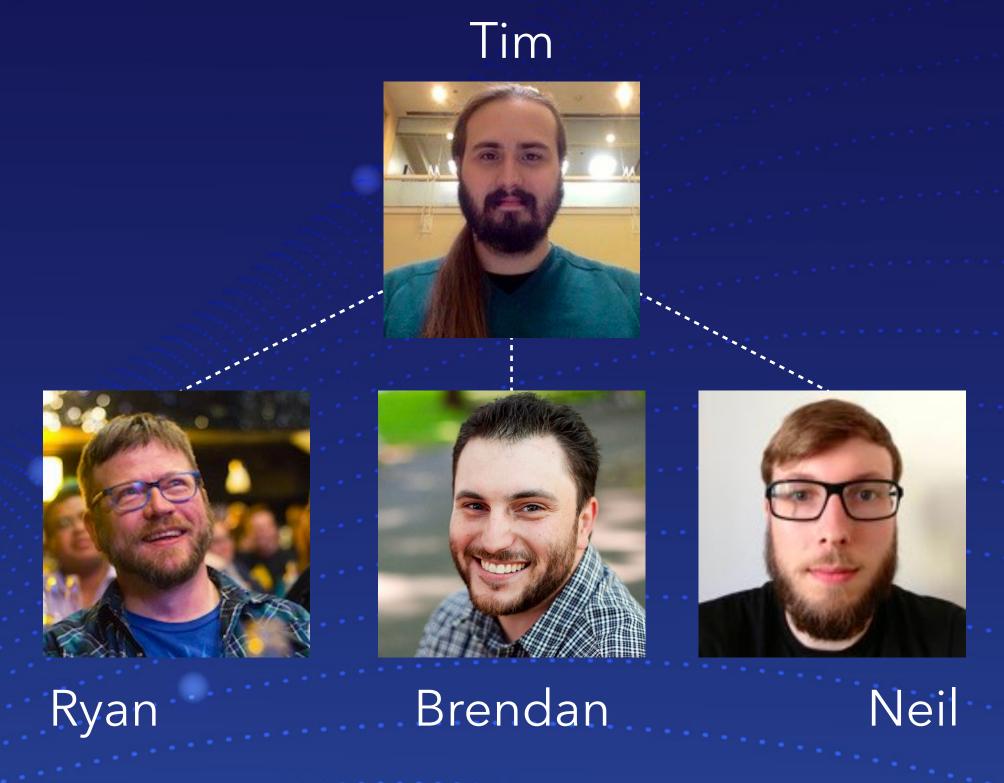






# © Drupal™association

The Drupal Association, Drupal's non-profit, is responsible for <u>drupal.org</u> and has a 4-person engineering team



The Drupal Association Engineering Team



How people expect to contribute

# Contributor Experience Deep Dive

How people actually contribute

Plan for making contribution easier



Contributing to Symfony using GitHub



#### Matthew Grasmick & grasmash

Long-time Drupal community member & module creator/maintainer



# We want to adopt GitLab in its fullest:

#### Maintain important Drupal features:

- Credit system
- Release and packaging system
- Update status module

- ...

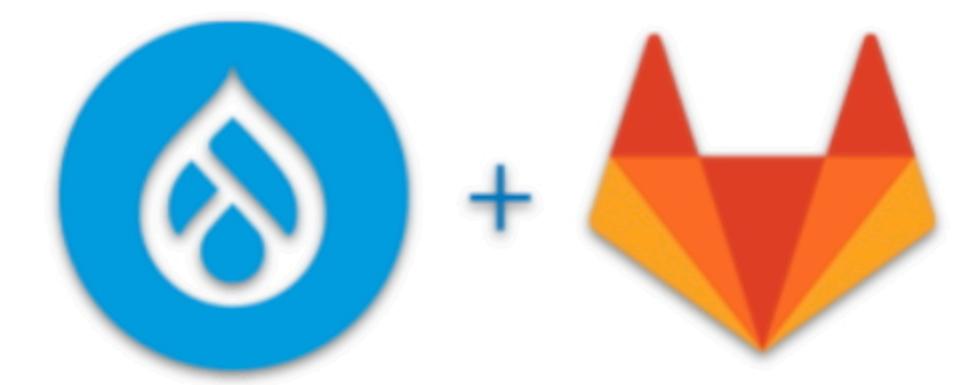
#### Migrate things that aren't unique to Drupal:

- Issue queues
- Automated test runners

- ..







Drupal.org + GitLab

Tim Lehnen & hestenet

CTO, Drupal Association

# Contributor Experience Deep Dive Summary

- We want to migrate to GitLab in full, while keeping important features like our credit system, release management tools, etc.
- We have a roadmap to full GitLab, but it will take up to two years. We need to do more, faster.

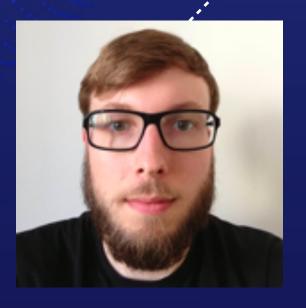
# Expanding capacity

The Drupal Association is looking to expand capacity by adding two developers and a project manager during the Gitlab work











## Expanding capacity

The Drupal Association is looking to expand capacity by adding two developers and a project manager during the Gitlab work

## Can your organization help sponsor these additional positions?

If you can help support this work, contact Dries or Heather Rocker at the Drupal Association















## Let's replace our development tools with GitLab

More (part-time) contributors | Easier to use for everyone | More innovation | More 'getting off the island'



# Next Steps

The DA will lead the transition to GitLab

Calling on those interested to take on the creation of a **Project Browser** ••

Let's attract more contributors to Drupal by using Gitlab





In 5 minutes!

Q&A Session – Wednesday, April 14 | 18:00-18:30 UTC Slides to be posted at <a href="http://dri.es">http://dri.es</a>