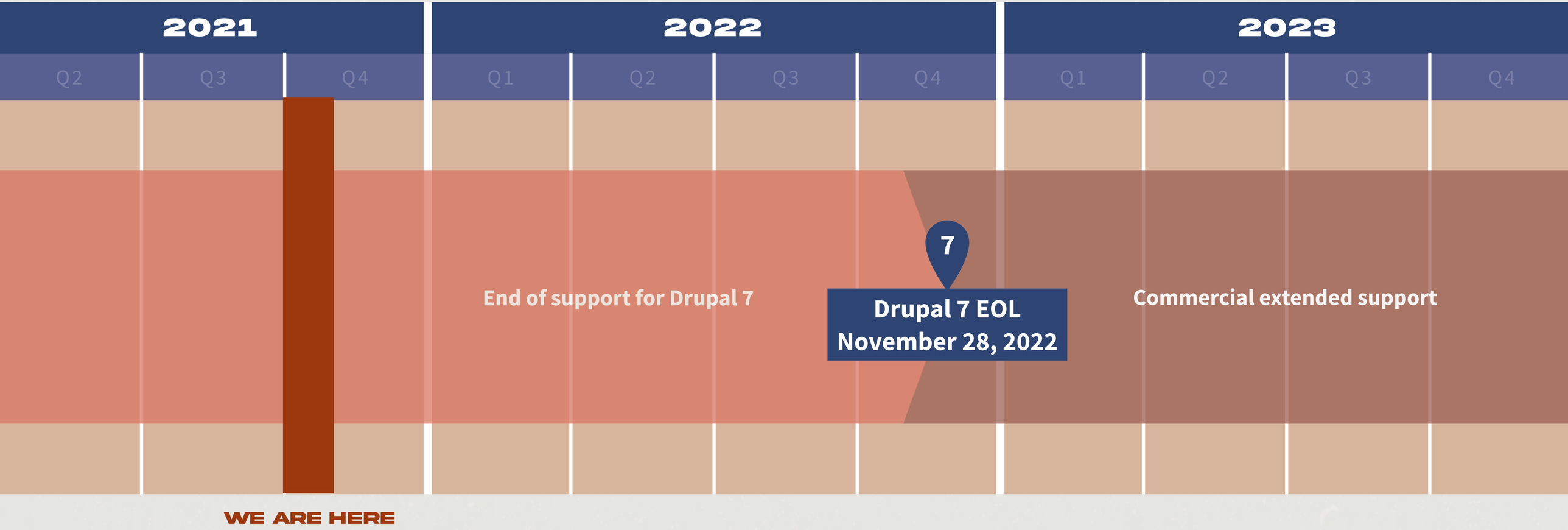
DRIESNOTE
DRUPALCON EUROPE 2021
with Dries Buytaert
Founder + Project Lead, Drupal
https://dri.es | @dries

DRUPALCON EUROPE 2021
TOPICS
1 | Drupal 7, 8, 9 and 10
2 | Strategic Initiatives Update
3 | Contribution Dynamics
4 | The Magic of Contribution

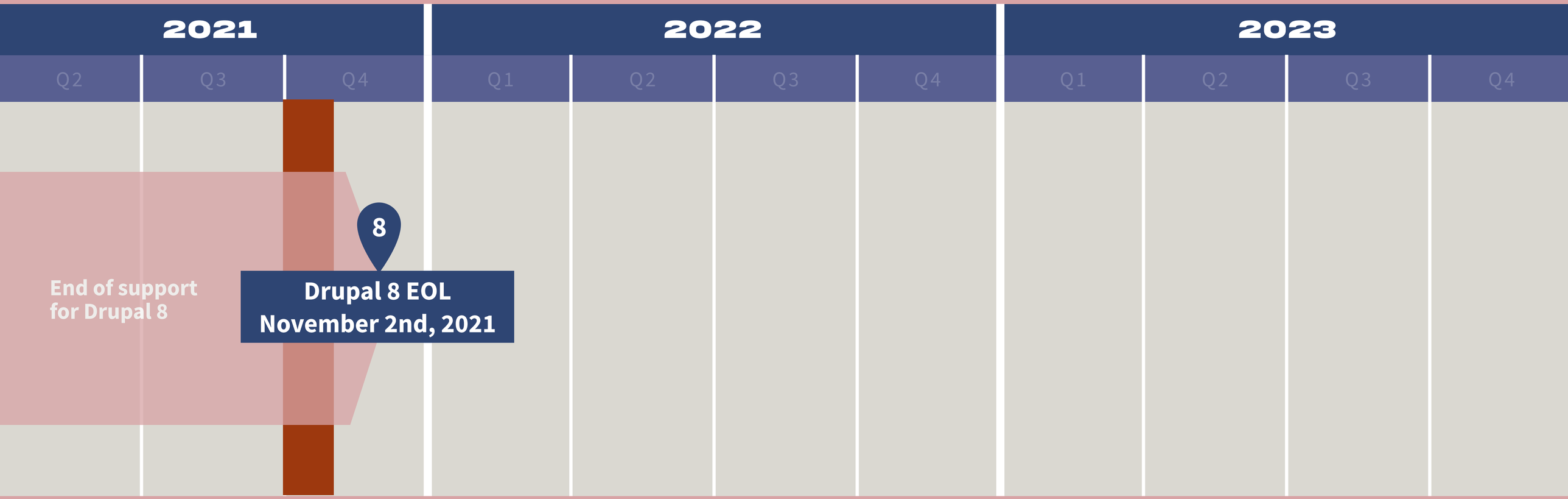
END OF SUPPORT FOR DRUPAL 7 IS NOVEMBER 2022

(There is extended commercial support beyond this)



END OF SUPPORT FOR DRUPAL 8 IS ONE MONTH AWAY!

Drupal 8 end-of-life is **November 2nd, 2021**



(Drupal 7 is supported longer than Drupal 8 because it's a more difficult upgrade)

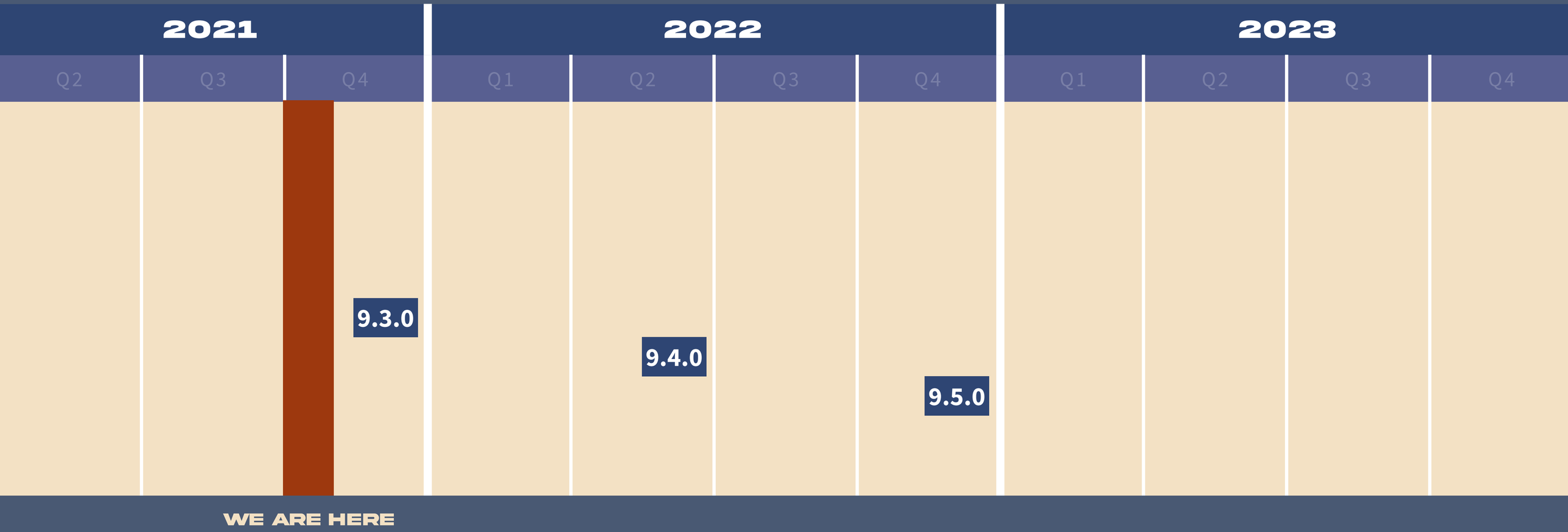
HELP UNLOCK DRUPAL 9 UPGRADES
MAINTAINERS:
Make your Drupal 8 modules compatible with Drupal 9
UPGRADERS:
Check out the new “lenient Composer facade"
drupal.org/composer/lenient

UPGRADE WITH OUR TOP CONTRIBUTORS!

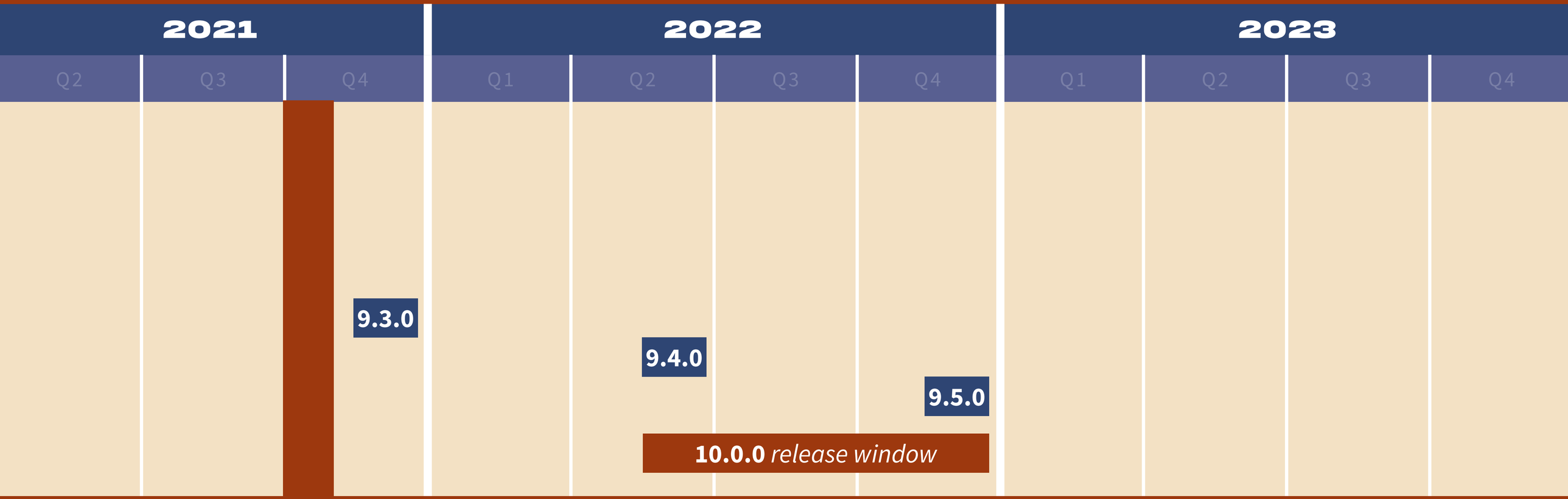
They know Drupal the best. And it's good for Drupal!

(Logos chosen according to the drupal.org credit system)

WE CONTINUE TO MAKE STEADY PROGRESS ON DRUPAL 9

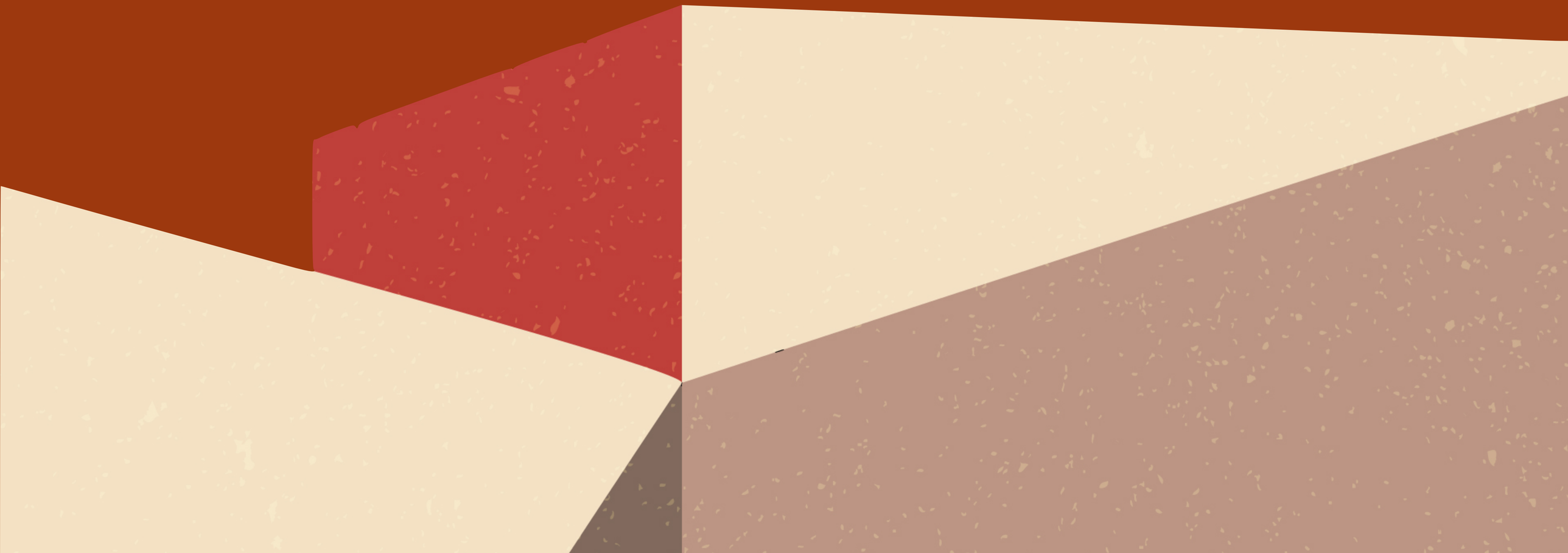


WE ARE TARGETING THE RELEASE OF DRUPAL 10 FOR 2022

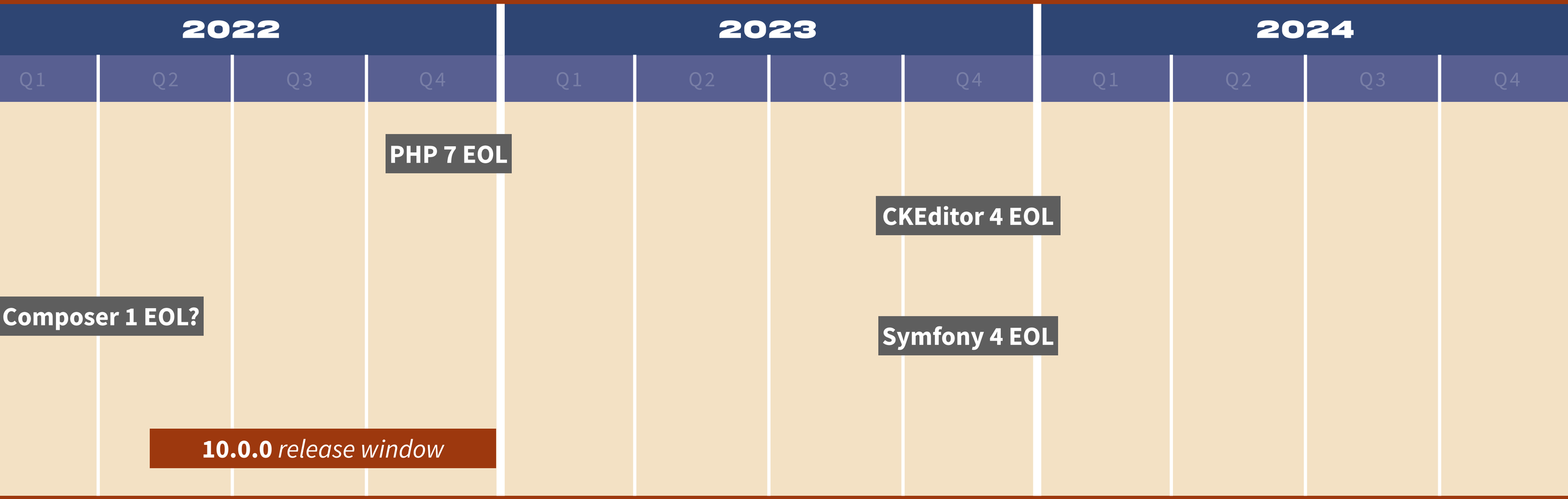


WHY LAUNCH DRUPAL 10 ALREADY?

Why can’t we stay on **Drupal 9** a bit longer?



WE HAVE TO RELEASE DRUPAL 10 BEFORE DRUPAL 9'S COMPONENTS ARE END-OF-LIFE



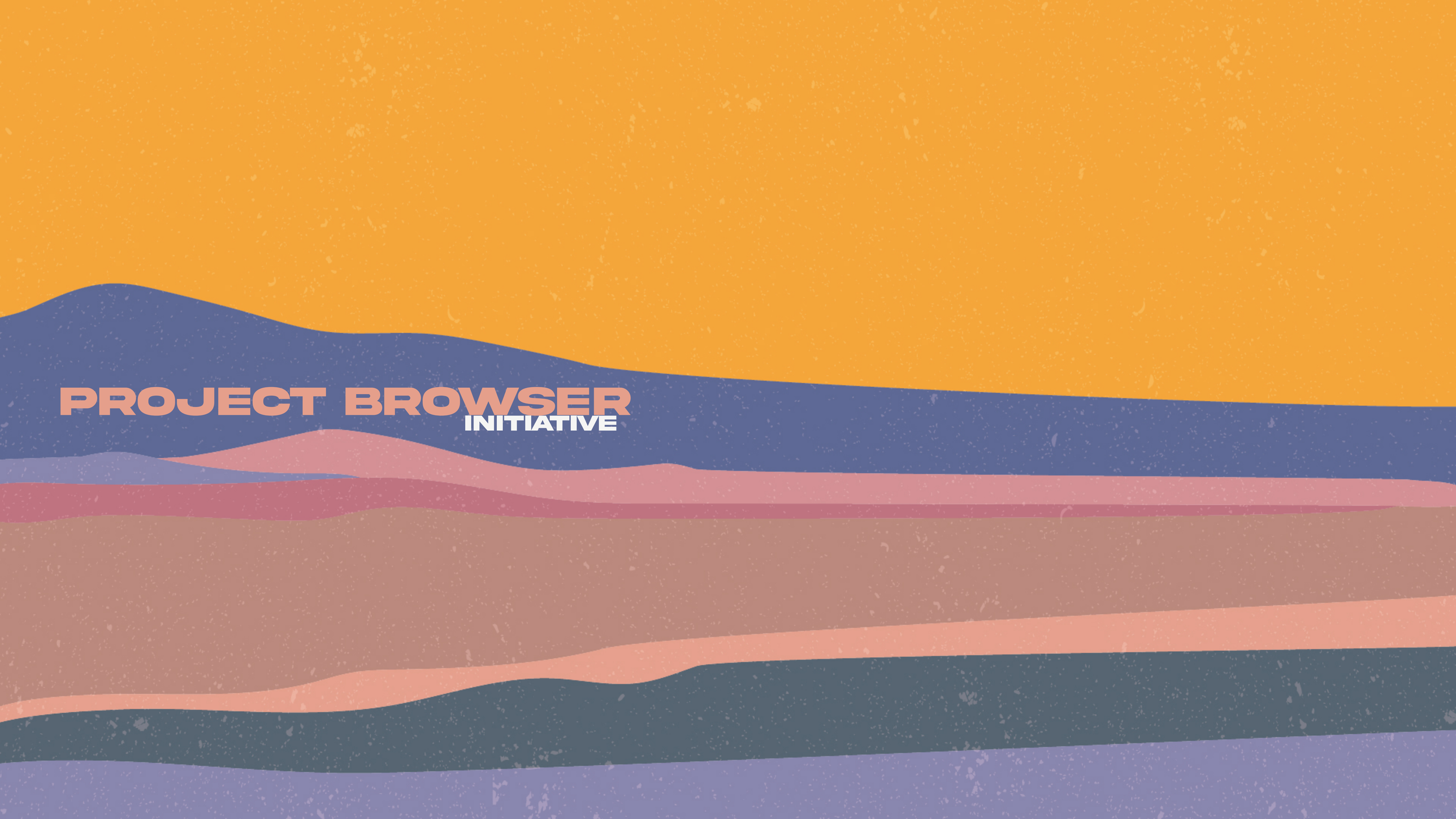
DRUPAL 7, 8, 9, AND 10

SUMMARY

- Drupal 7 will be end of life in **1 year** *(November 2022)*
- Drupal 8 will be end of life in **1 month** *(November 2021)*
- Drupal 10 is targeted to be released in **9-14 months** *(June - November 2022)*
- We have **a lot of upgrades to do in the next year!**

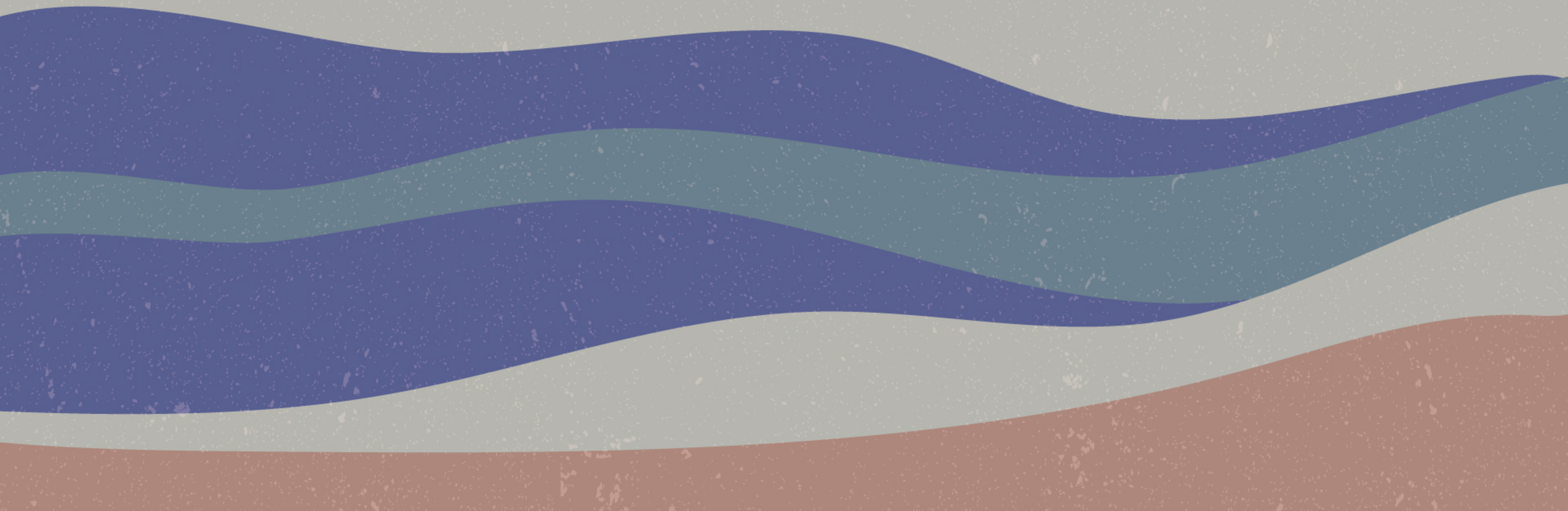
STRATEGIC INITIATIVES

UPDATE


PROJECT BROWSER
INITIATIVE

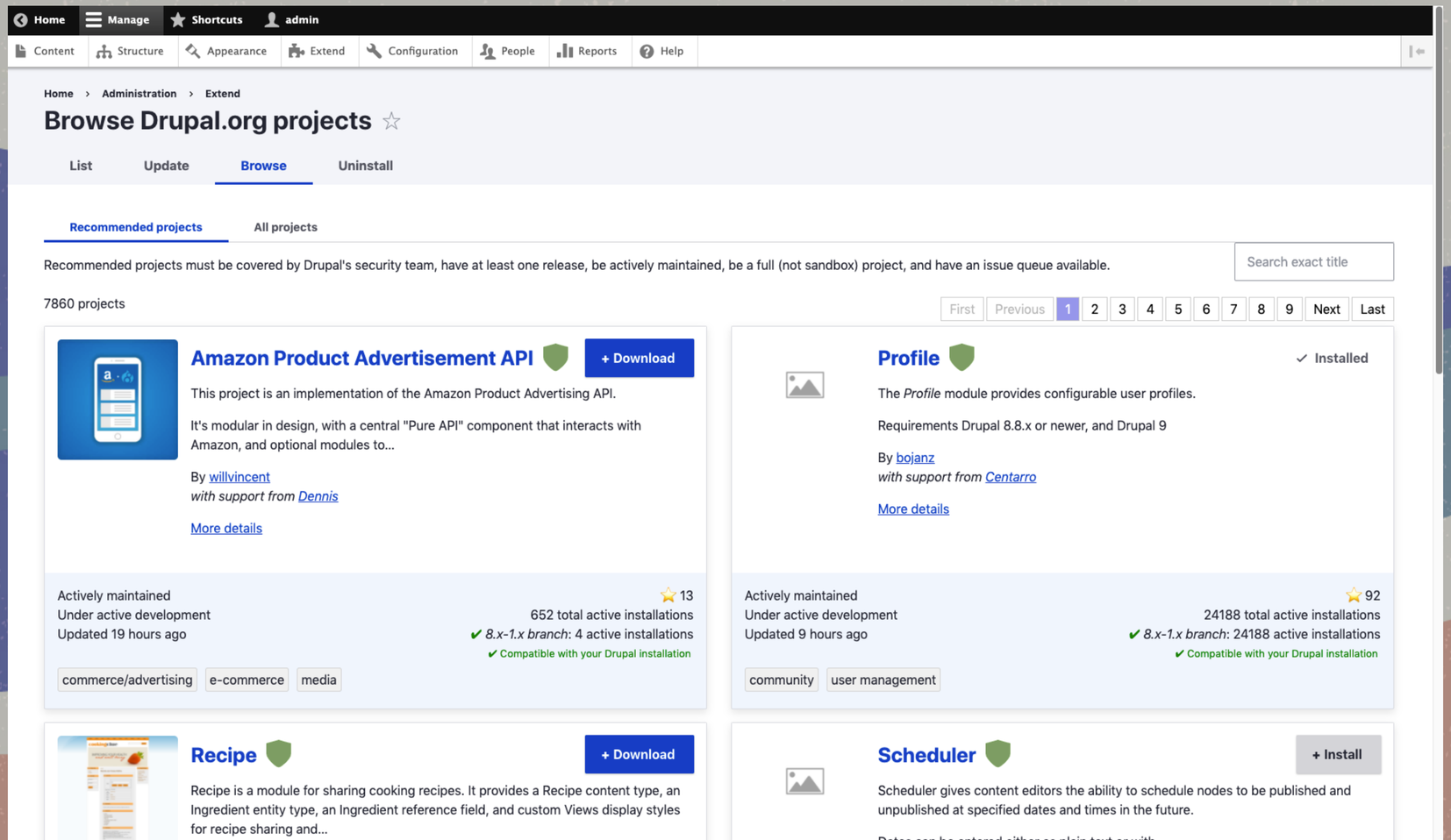
WE HAVE INITIATIVE LEADS

- Chris Wells (💧*chrisfromredfin*)
- Leslie Glynn (💧*leslieg*)



WE HAVE A WORKING PROTOTYPE!

- Thank you Matthew Grasmick (💧*grasmash*)

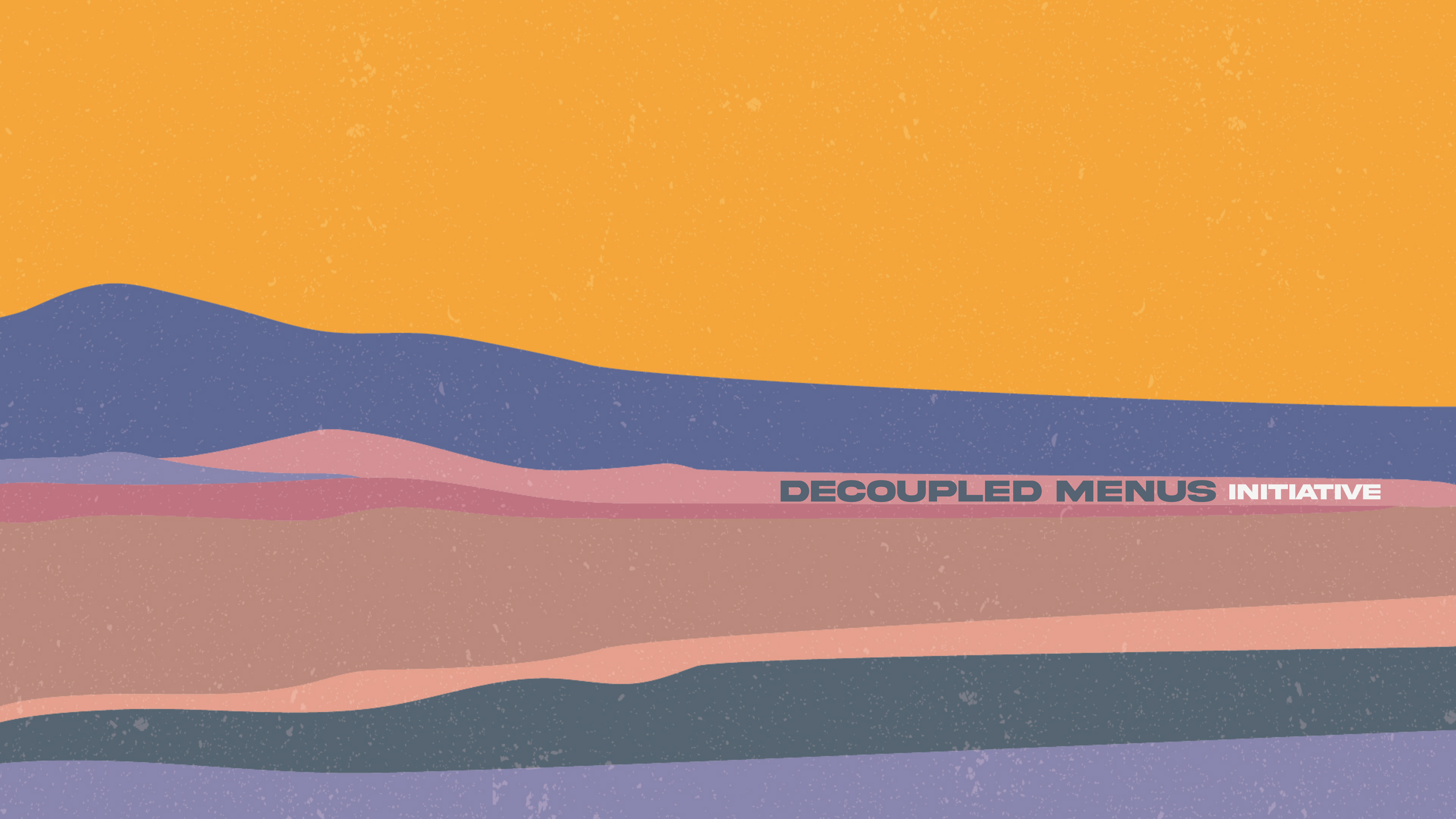


MARTIN ANDERSON-CLUTZ
mandclu
Solutions Engineer, Acquia

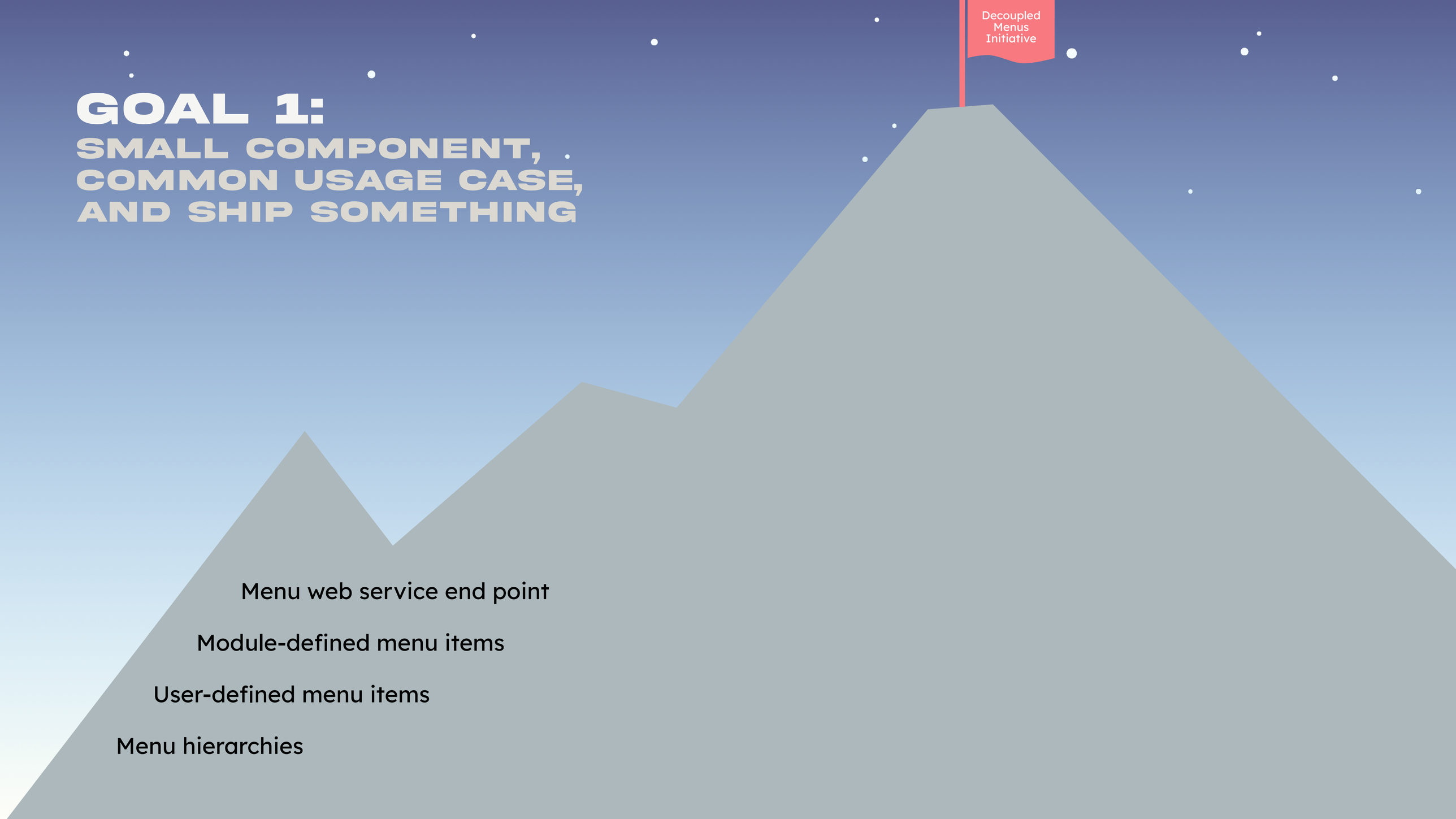
PROJECT BROWSER INITIATIVE

- **Go download it now:**
  www.drupal.org/project/project_browser
- **#project-browser in Drupal Slack**

- **Improve UX**
  (In progress!)
- **Enrich data feed**
  (In progress!)
- **Automatically install**
  (In progress!)


DECOUPLED MENUS INITIATIVE

GOAL 1:
SMALL COMPONENT, COMMON USAGE CASE, AND SHIP SOMETHING

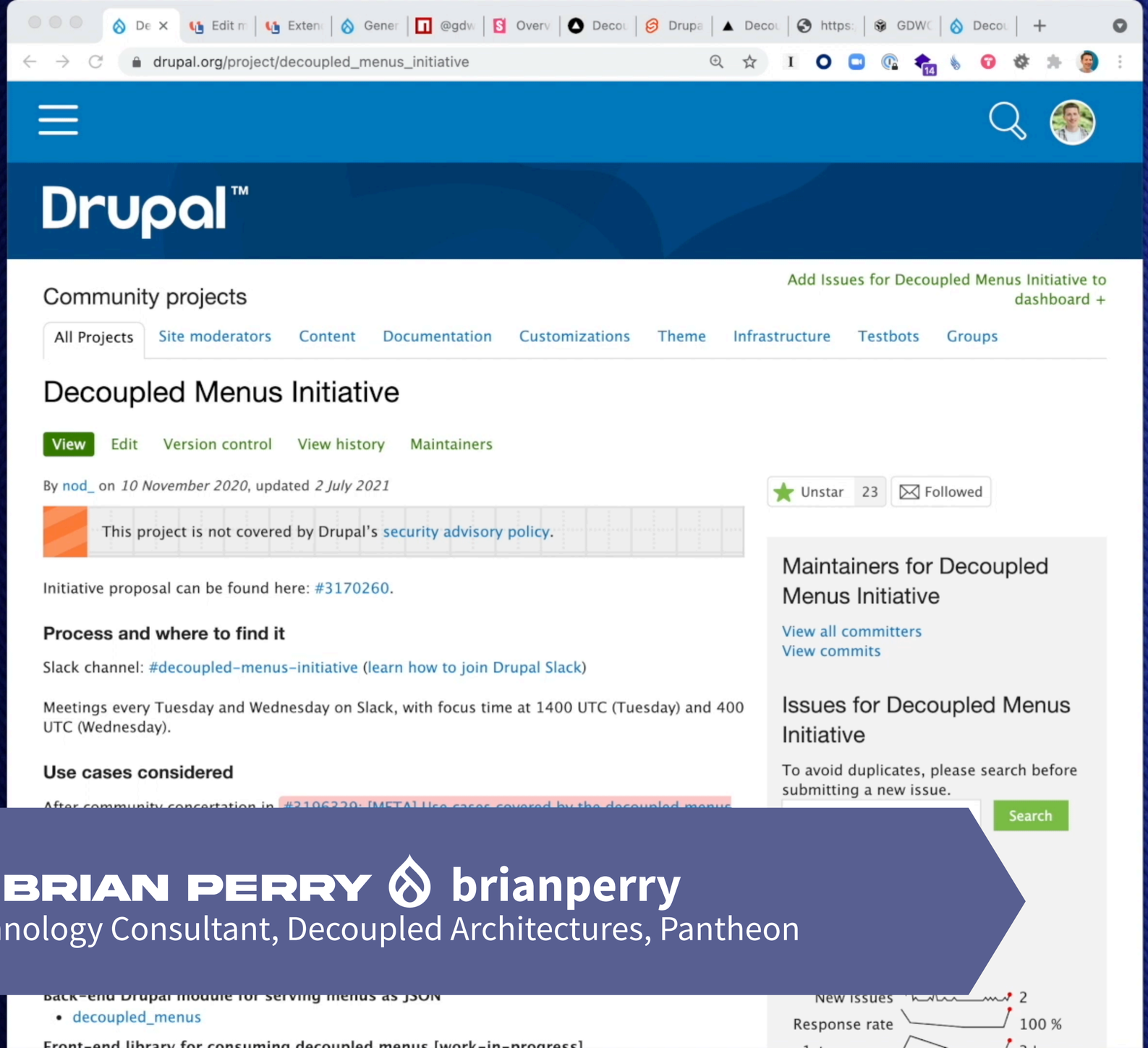


Menu web service end point

Module-defined menu items

User-defined menu items

Menu hierarchies



BRIAN PERRY brianperry

Sr. Technology Consultant, Decoupled Architectures, Pantheon

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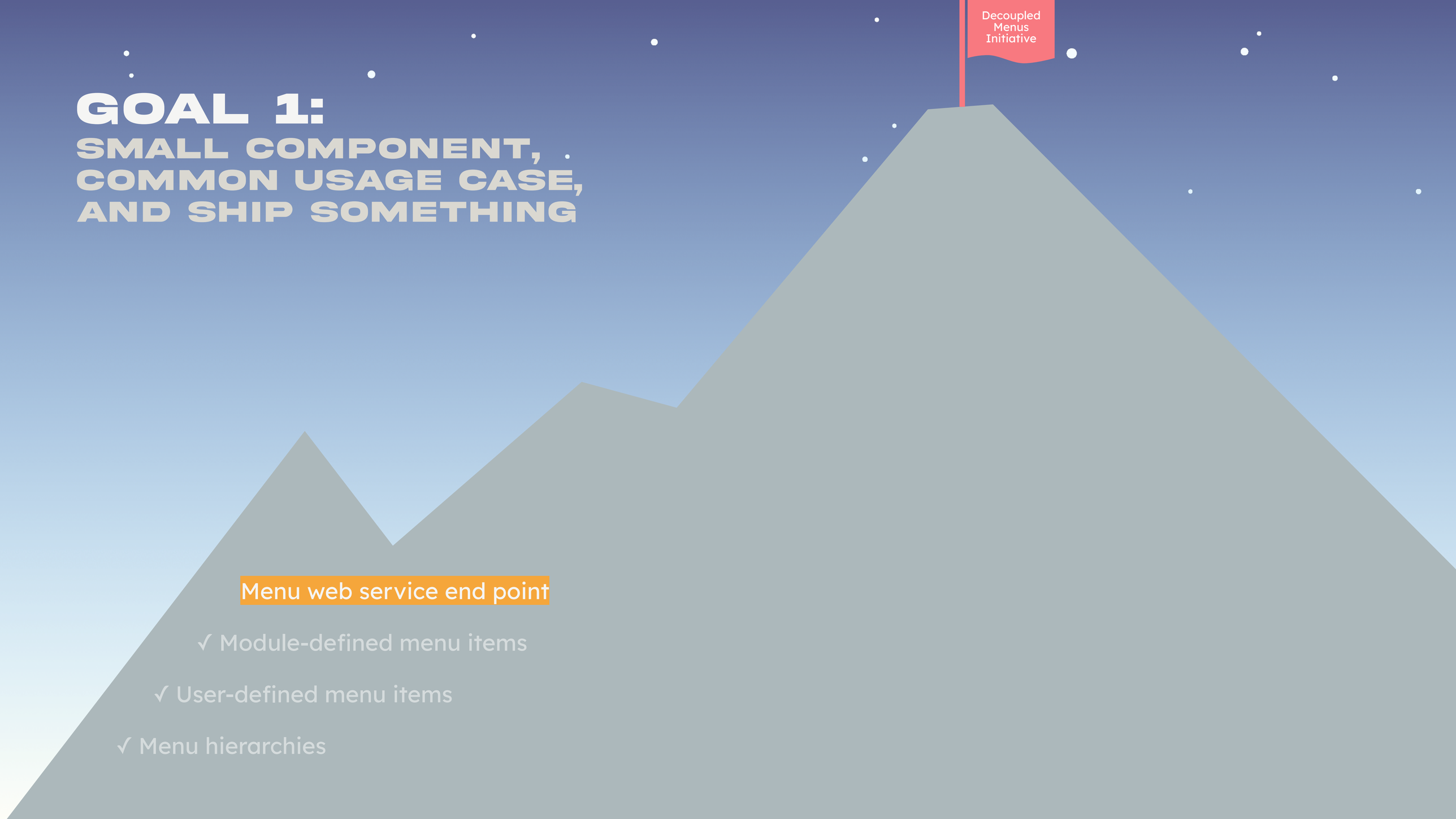

Menu web service end point

✓ Module-defined menu items

✓ User-defined menu items

✓ Menu hierarchies

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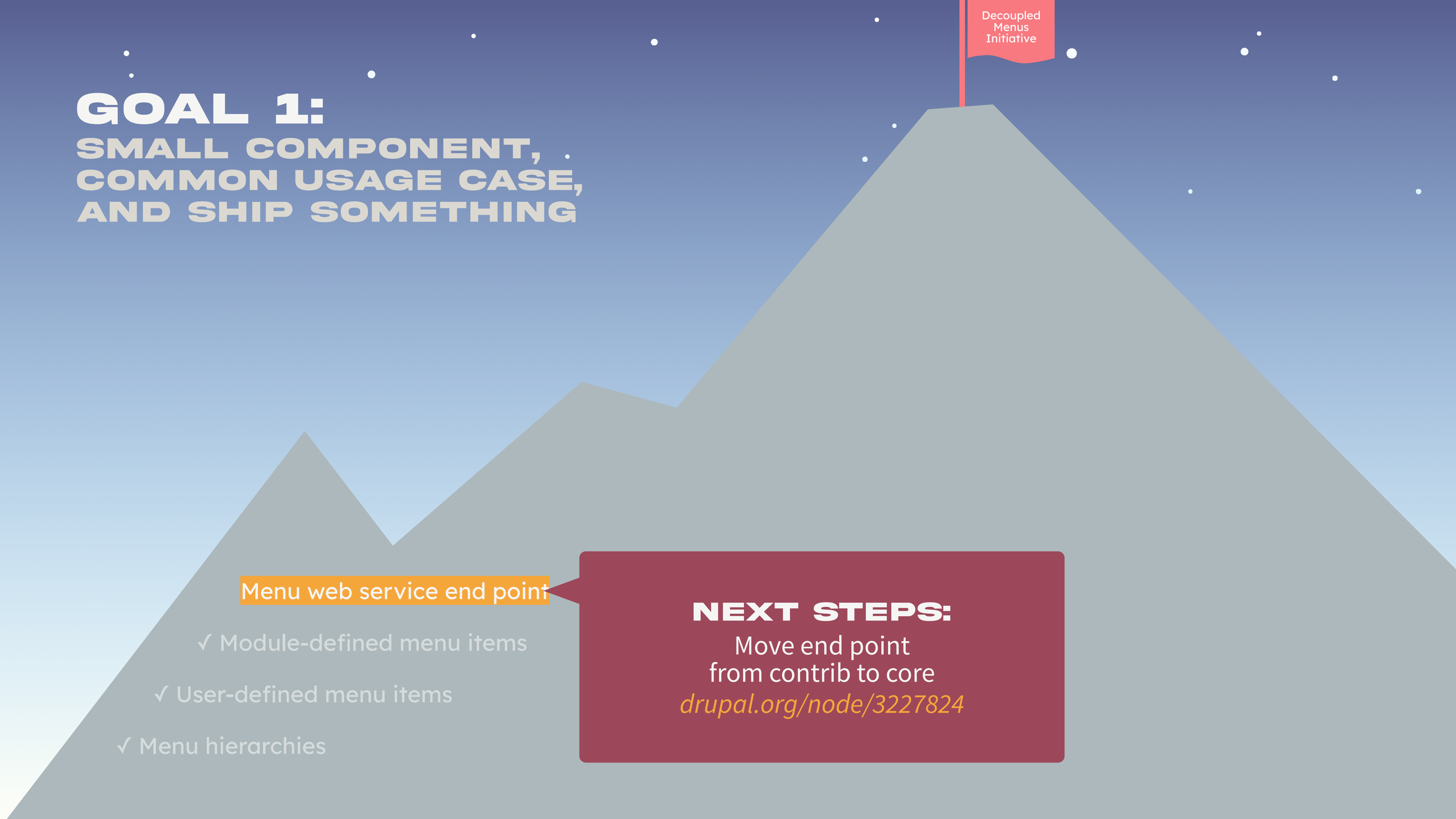
SMALL COMPONENT, COMMON USAGE CASE, AND SHIP SOMETHING



Menu web service end point

✓ Module-defined menu items

✓ User-defined menu items

✓ Menu hierarchies

NEXT STEPS:

Move end point
from contrib to core
drupal.org/node/3227824

GOAL 2:
SET UP TOOLS AND PROCESSES TO DEVELOP MANY COMPONENTS

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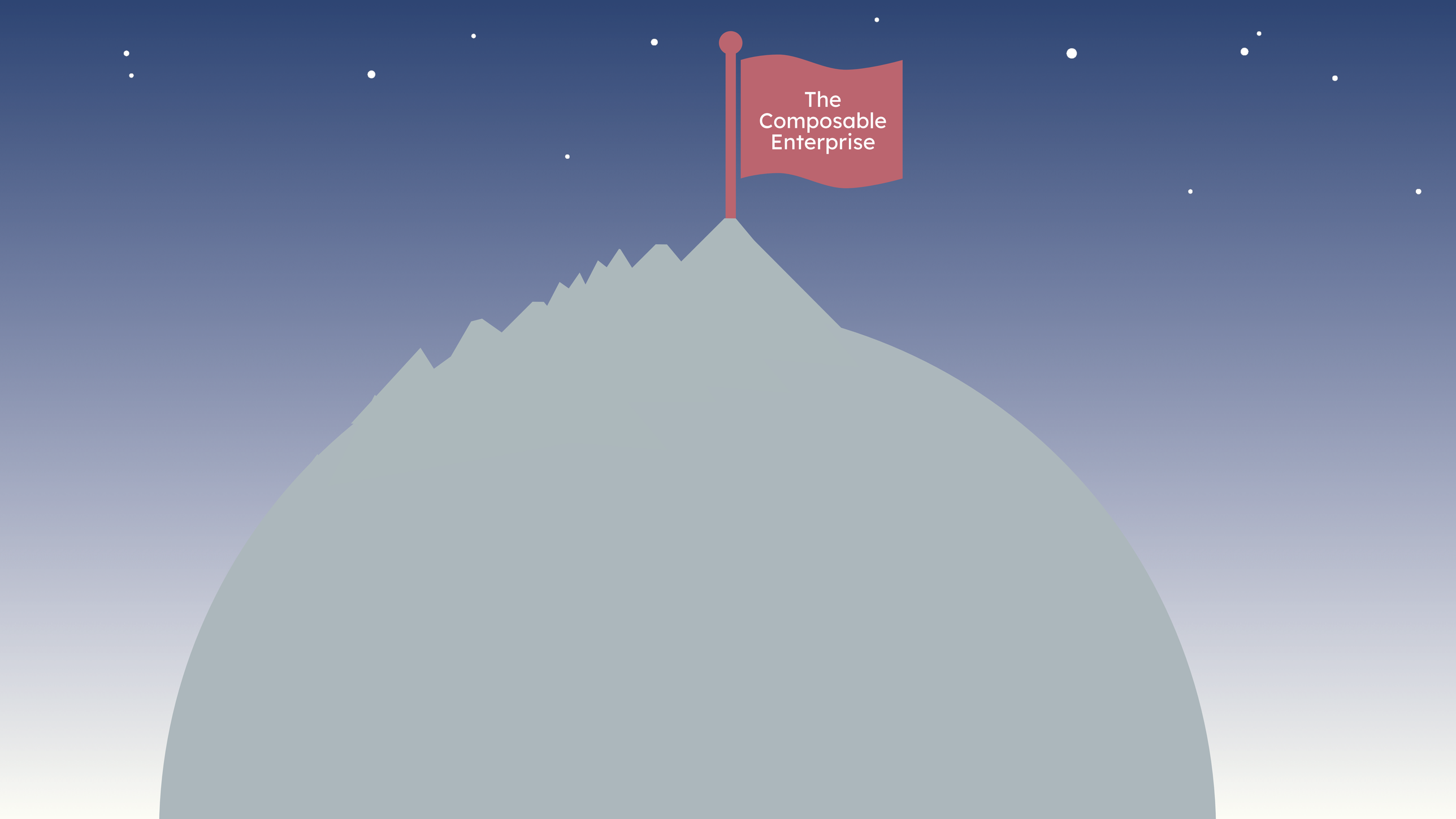
SET UP TOOLS AND PROCESSES TO DEVELOP MANY COMPONENTS

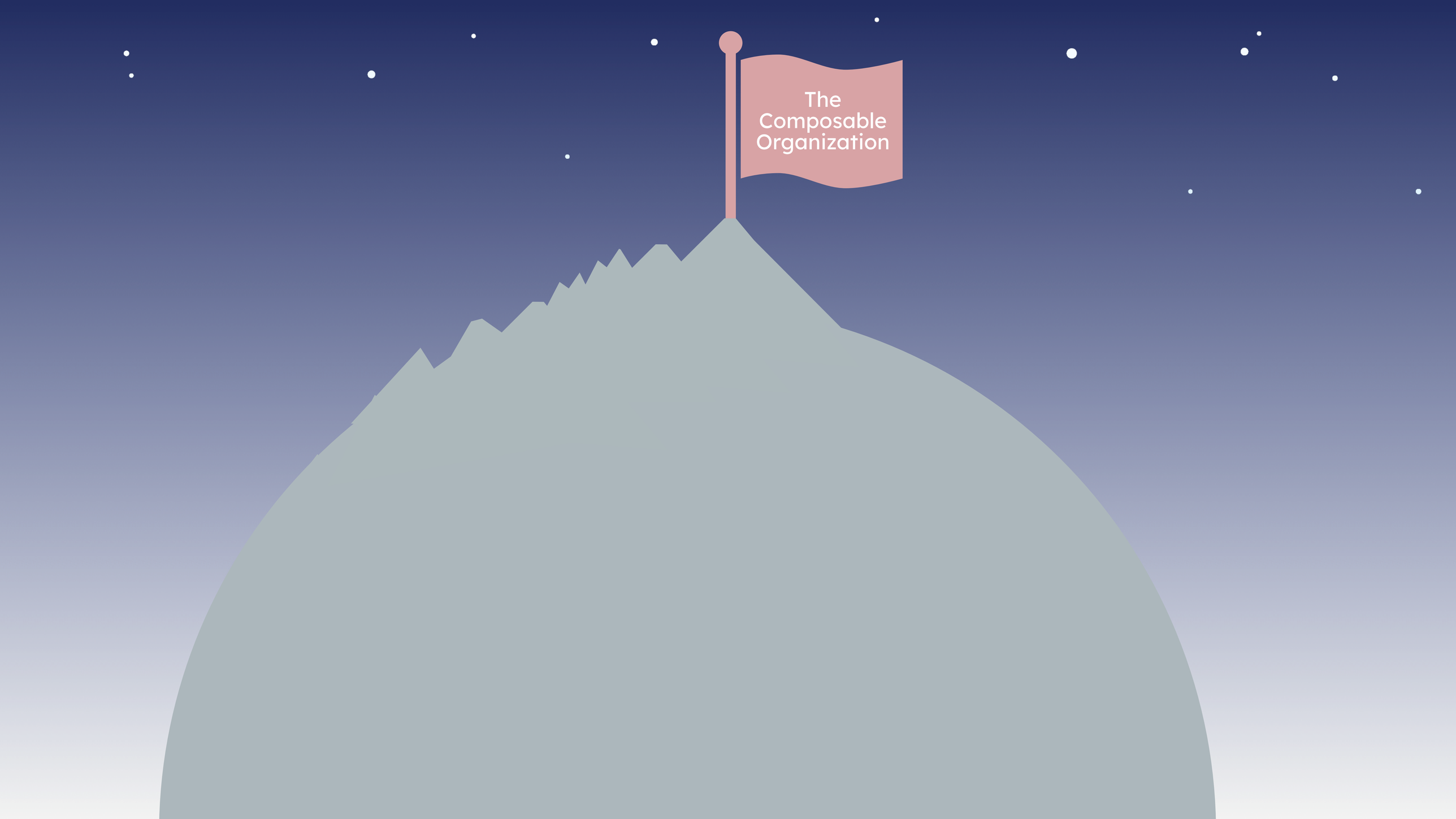
Decoupled Menus Initiative
Documentation for components
✓ Collaboration tools
✓ Security management
✓ Releasing to NPM
✓ Create NPM package
✓ Governance
✓ Testing
Menu web service end point
✓ Module-defined menu items
✓ User-defined menu items
✓ Menu hierarchies
WE ARE NEARLY AT THE SUMMIT!

JAVASCRIPT DEVELOPERS
are now able to contribute to Drupal!

WE ARE A GREAT HEADLESS CMS

BE THE #1 HEADLESS CMS


The
Composable
Enterprise


The
Composable
Organization

EASY OUT OF THE BOX INITIATIVE

LAYOUT BUILDER

MEDIA

CLARO

STANDARD PROFILE

LAYOUT BUILDER

MEDIA

CLARO

STANDARD PROFILE

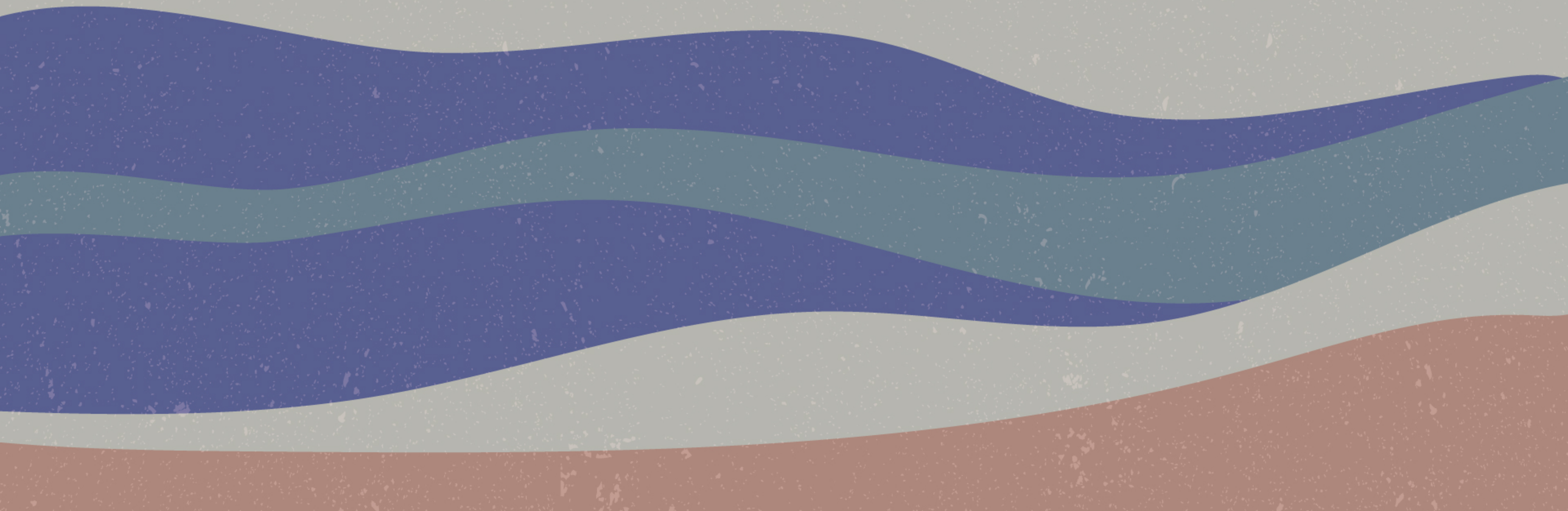
?

AUTOMATED UPDATES

INITIATIVE

AUTOMATED UPDATES
INITIATIVE

WE HAVE A DEVELOPMENT VERSION AVAILABLE TODAY



Back to site | Manage | Shortcuts | Ted Bowman

Available updates

List | Update | Settings

Home » Administration » Reports

✔ Update complete!

Here you can find information about available updates for your installed modules and themes. Note that each module or theme is part of a "project", which may or may not have the same name, and might include multiple modules or themes within it.

+ Add new module or theme

Last checked: 0 seconds ago (Check manually)

Drupal core

Up to date ✔

uration Manager, Field UI, File, Filter, Help, History, ery, Link, Menu UI, Node, Options, or, Toolbar, Tour, Update Manager, User, Views, Views UI

TED BOWMAN tedbow
Senior Software Engineer, Drupal Acceleration Team, Acquia

AUTOMATED UPDATES INITIATIVE

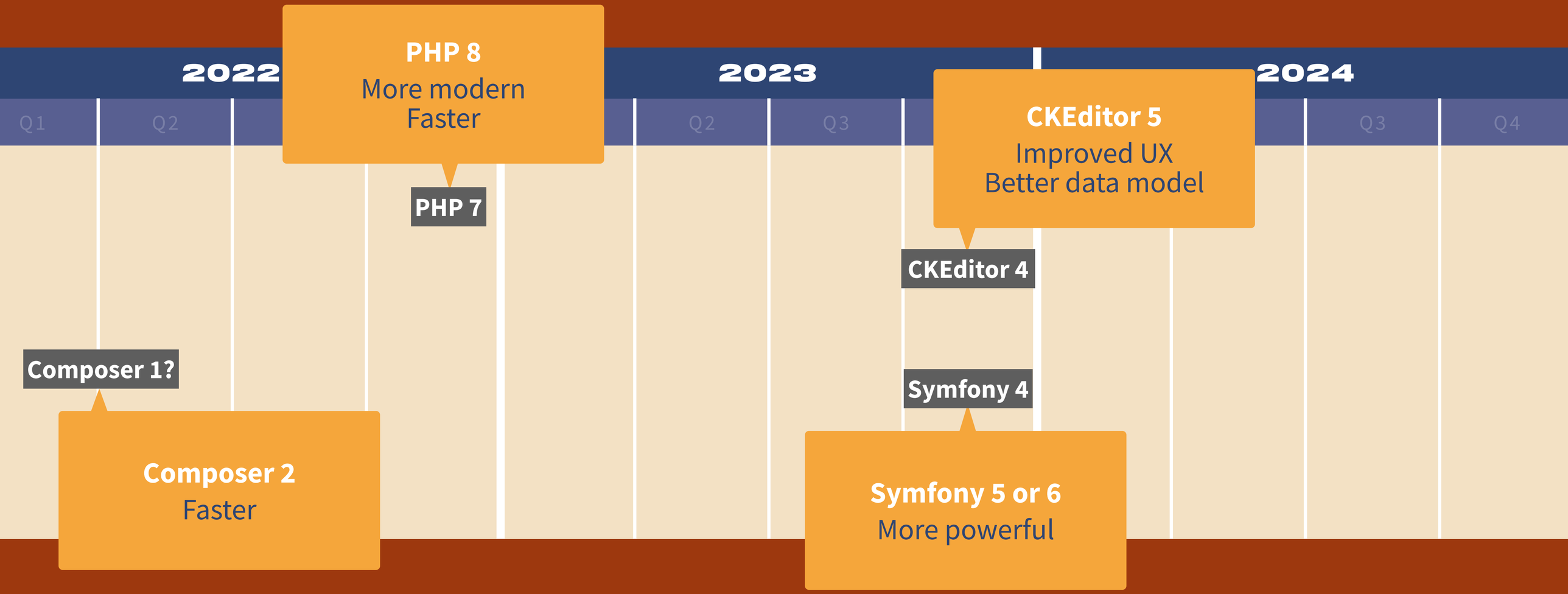
- **Go download it now:**
  www.drupal.org/project/automatic_updates
- **#autoupdates in Drupal Slack**

What's left to do?

- Package signing on drupal.org
- UX improvements
- Test on different hosting providers

DRUPAL 10
INITIATIVE

DRUPAL 10 WILL RUN ON THE LATEST AND GREATEST SOFTWARE



DRUPAL 10 WILL RUN ON THE LATEST AND GREATEST SOFTWARE

OUR 3RD PARTY COMPONENTS ARE "KICKING ASS"

FRAMEWORK	YEAR TREND	LAST 6 MONTHS	PREVIOUS 6 MONTHS
Laminas	+ 48 %	100 153 K	67 511 K
Symfony	+ 24 %	763 520 K	614 505 K
Nette	+ 19 %	38 450 K	32 267 K
CakePHP	+ 17 %	15 480 K	13 176 K
Doctrine	+ 16 %	371 528 K	320 702 K
Laravel	+ 14 %	78 563 K	68 938 K
Yii	+ 4 %	11 609 K	11 122 K
Zend	- 24 %	59 964 K	78 807 K

Source: https://phpfwtrends.org/

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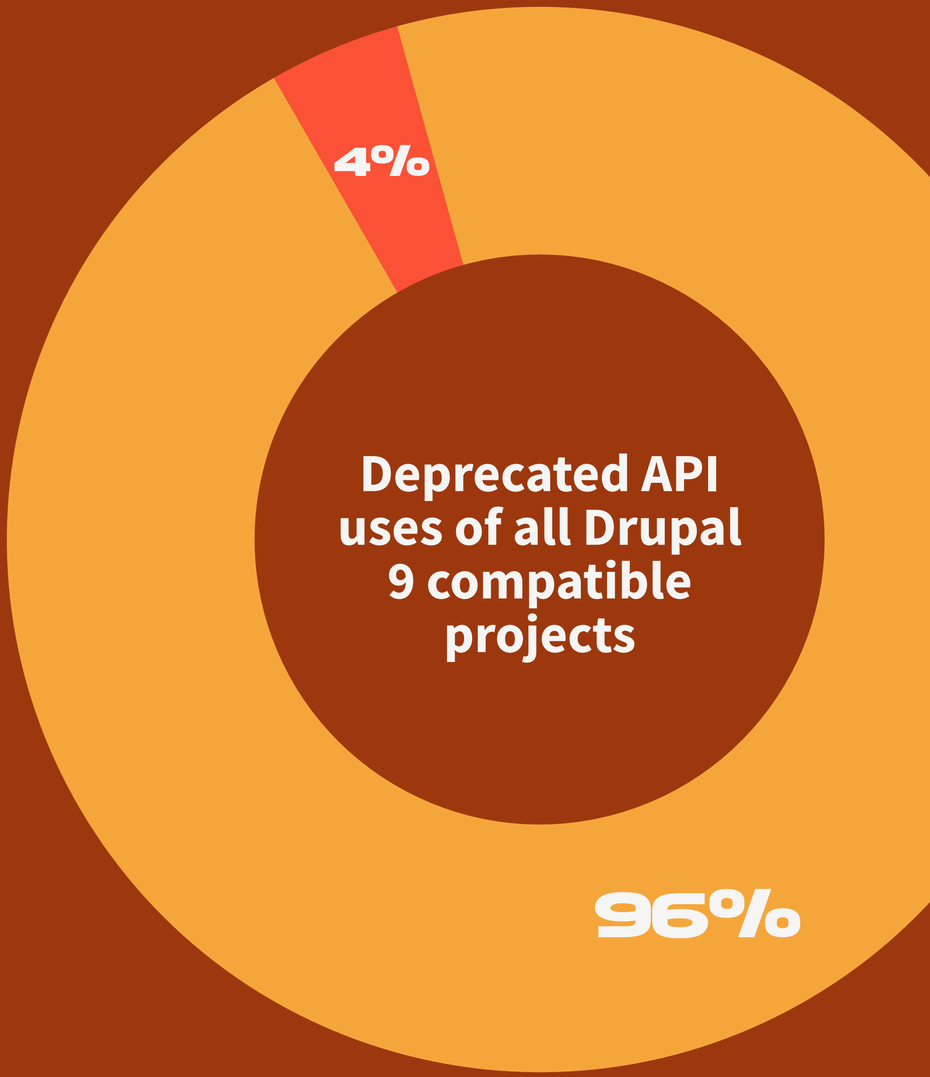
Symfony has the highest adoption and is growing very quickly

Source: https://phpfwtrends.org/

DRUPAL 10 UPGRADE

DRUPAL 10 UPGRADE
300% MORE AUTOMATED
THAN DRUPAL 8 TO 9



Automation tool: drupal.org/project/rector

Special thanks to palantir.net

- Automated (Rector)
- Not Automated (Not Rector + Parse Errors)

DRUPAL 10:

THE EASIEST UPDATE FOR DRUPAL YET

BRK

World News

239/8

WEATHER FORECAST: SUNNY WITH A CHANCE OF DROPS

Today

Drupal bucks CMS trends, making new version even more accessible, not less

"THE NEW EASIEST UPDATE"
Drupal 9 to 10 even easier than 8 to 9

Critics say Drupal 2 to 3 was actually easier

How it started

How it's going

Core contributor shamelessly promotes his SoundCloud in Driesnote!

WE'RE REMOVING SOME MODULES FROM DRUPAL 10 CORE

ADOPT A MODULE, BECOME A MAINTAINER

Sign up at www.drupal.org Issue 3118154

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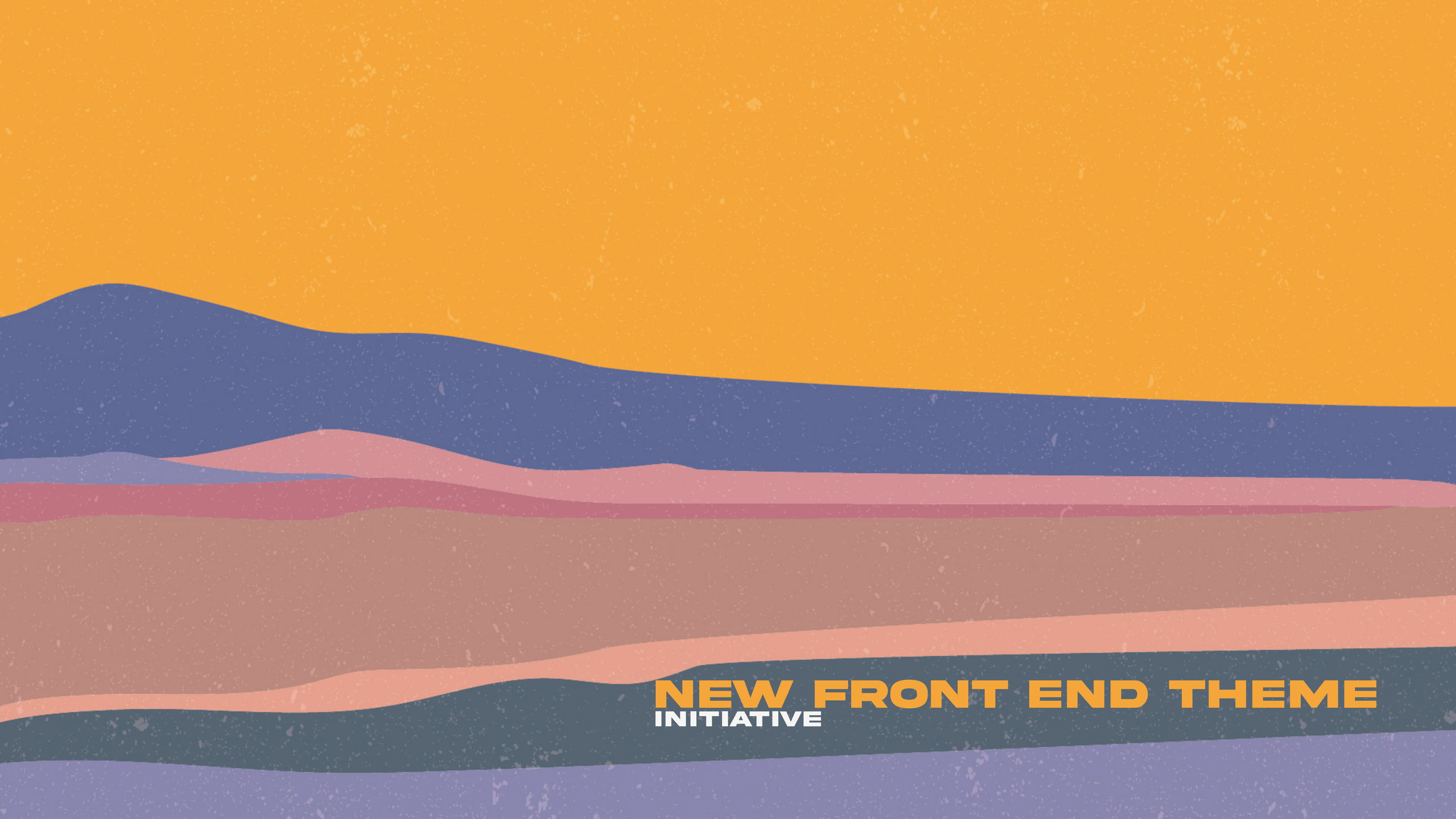

NEW FRONT END THEME
INITIATIVE

OLIVERO

FINISH LINE

Olivero replacing Bartik as the new default theme

NEW FRONT END THEME INITIATIVE

Inches from the finish line!
drupal.org/node/3173877

OLIVERO

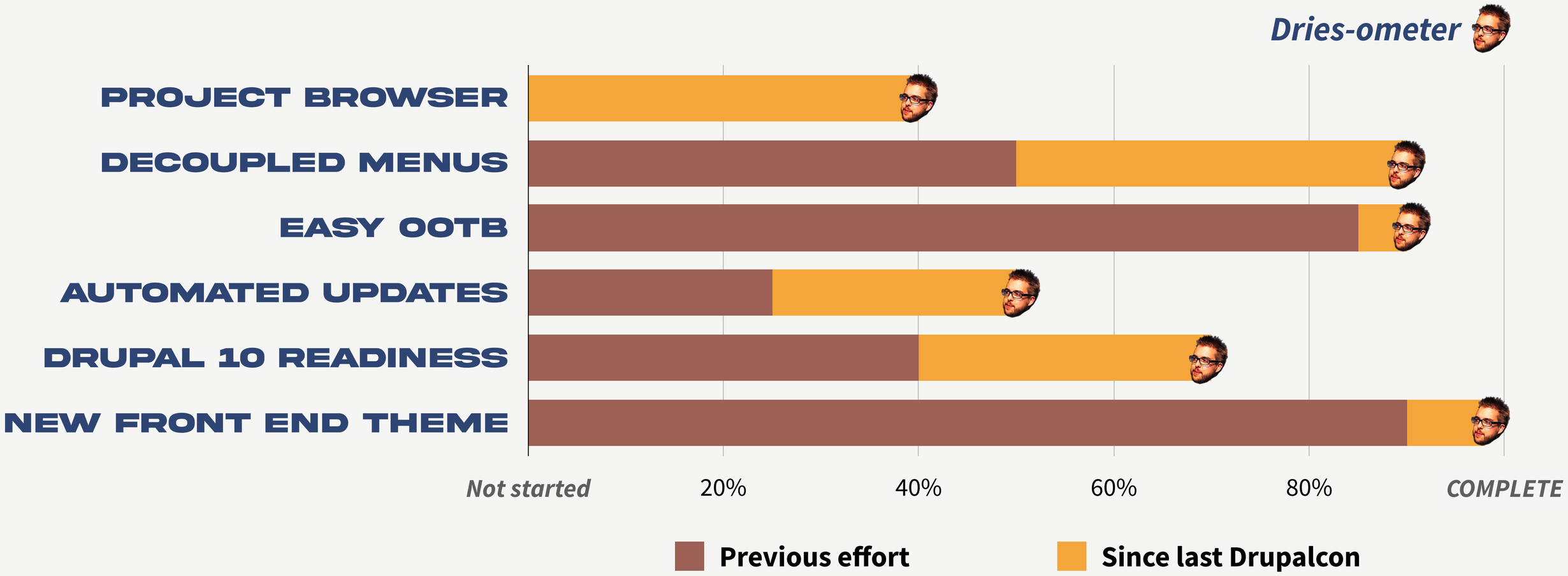
OLIVERO TAKES DRUPAL'S ACCESSIBILITY TO THE NEXT LEVEL

"Olivero is very well done and low-vision accessible.
We are not finding any issues with contrast, focus, or scaling, the forms are very well done, and the content is easy to find and navigate."

– National Federation of the Blind *(USA)*

Special thanks to Lullabot

SUMMARY OF INITIATIVE UPDATES



More details will be shared at **dri.es/who-sponsors-drupal-development-2021**

HEALTH OF DRUPAL'S CONTRIBUTION DYNAMICS

METRIC	2019–2020	2020–2021	DELTA
Number of individual contributors	8,303	7,420	**-12%**
Number of organizational contributors	1,216	1,186	**-2%**
Total number of issues “fixed” or “closed”	31,153	23,882	**-23%**
Number of projects worked on	4,195	3,779	**-10%**

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CONTRIBUTOR ATTRITION ANALYSIS

Attrition rate = Percentage of individuals or organizations that stopped contributing in the past year

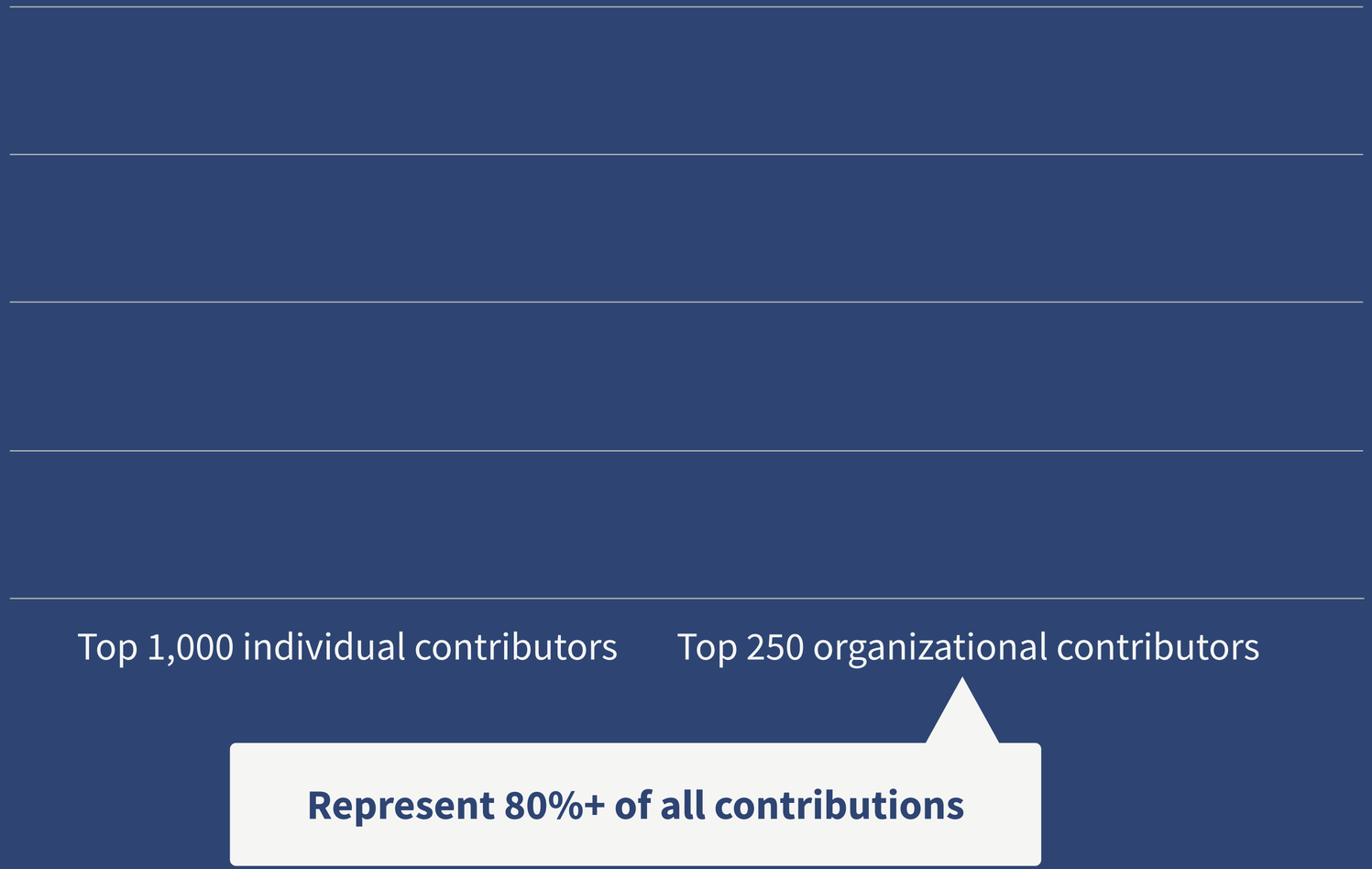
Top 50 individual contributors

NO ONE LEFT

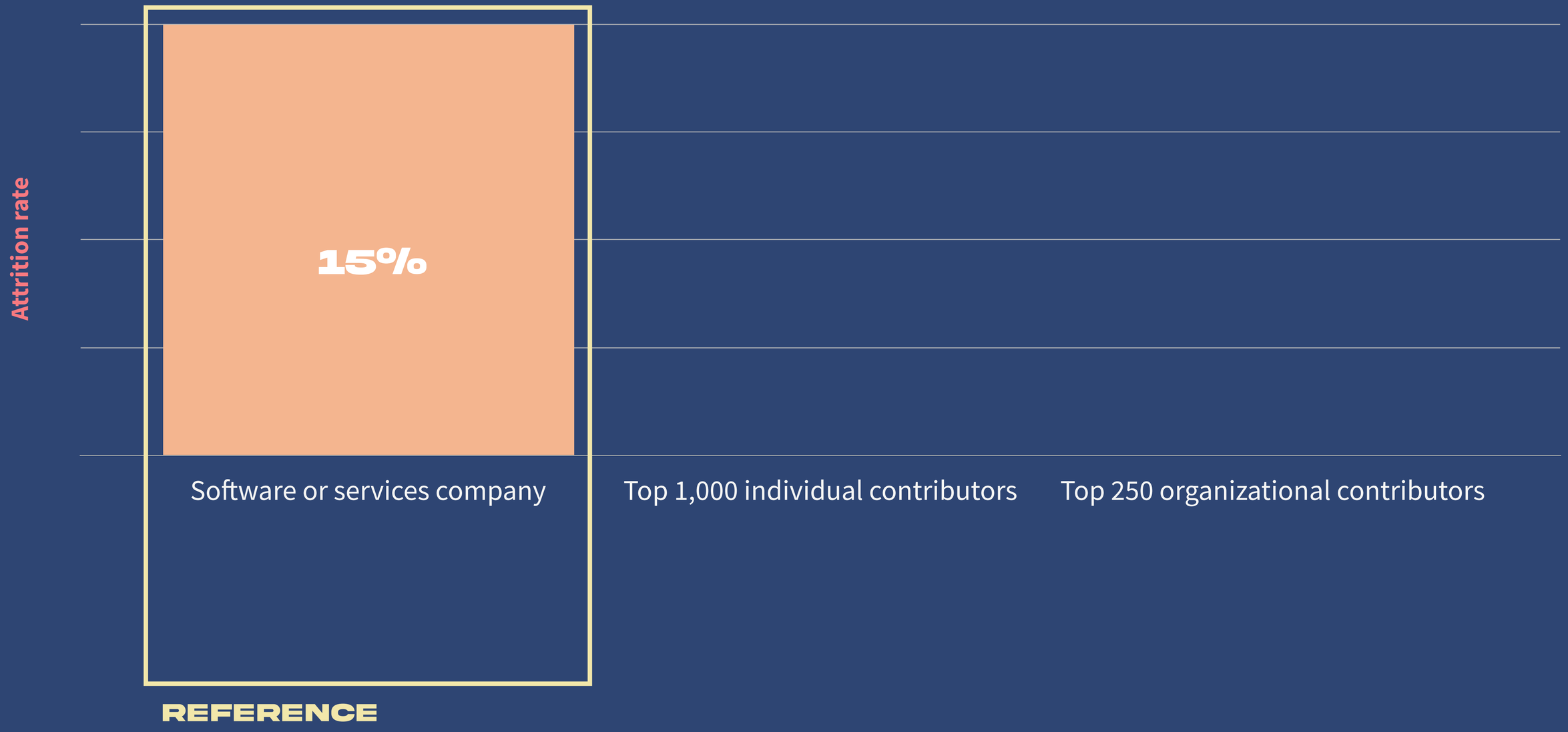
Top 50 organizational contributors

NO ONE LEFT

Yet 80% are contributing *less*


Top 1,000 individual contributors
Top 250 organizational contributors
Represent 80%+ of all contributions

SOFTWARE COMPANIES AIM FOR 15% ATTRITION



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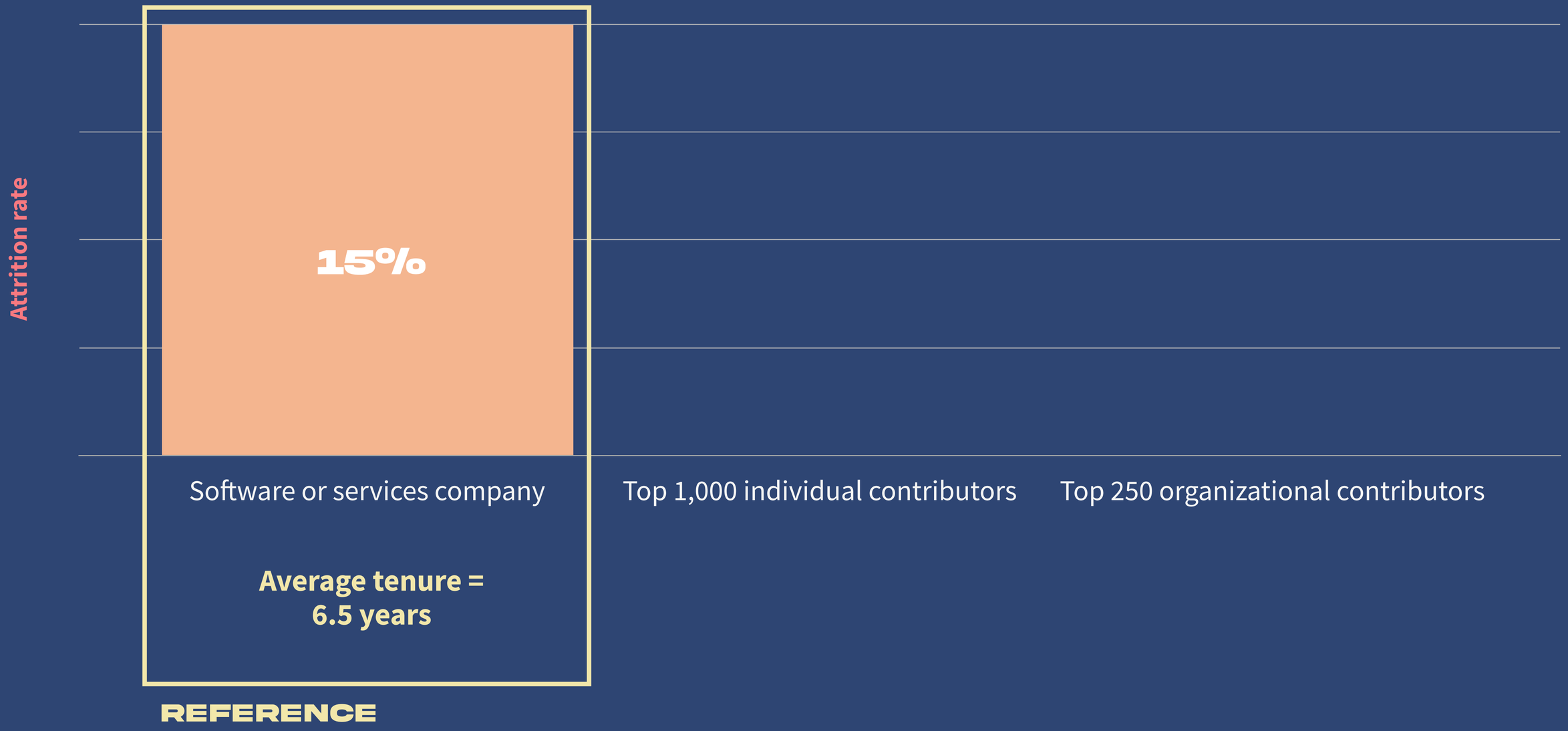
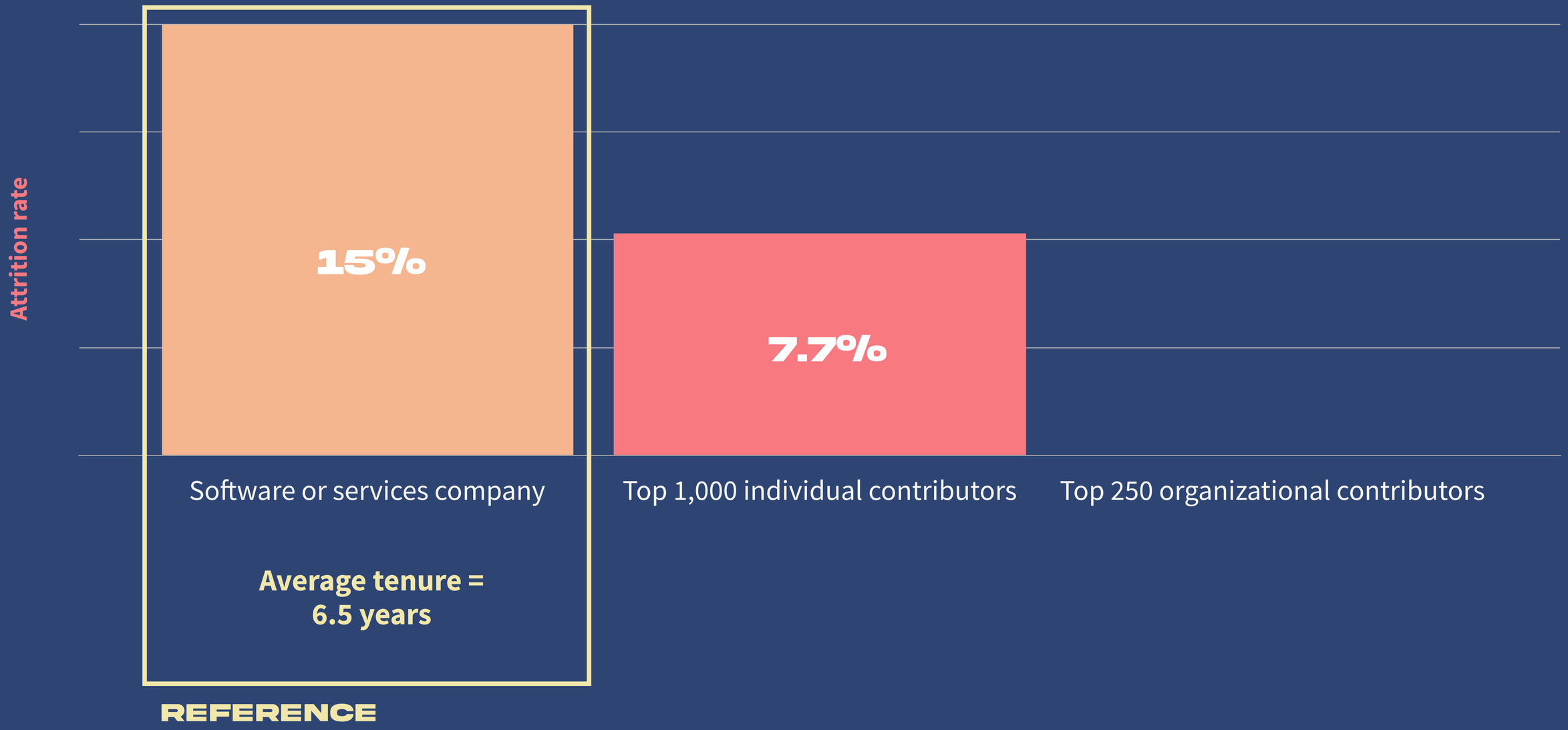


TOP INDIVIDUALS ARE VERY LOYAL



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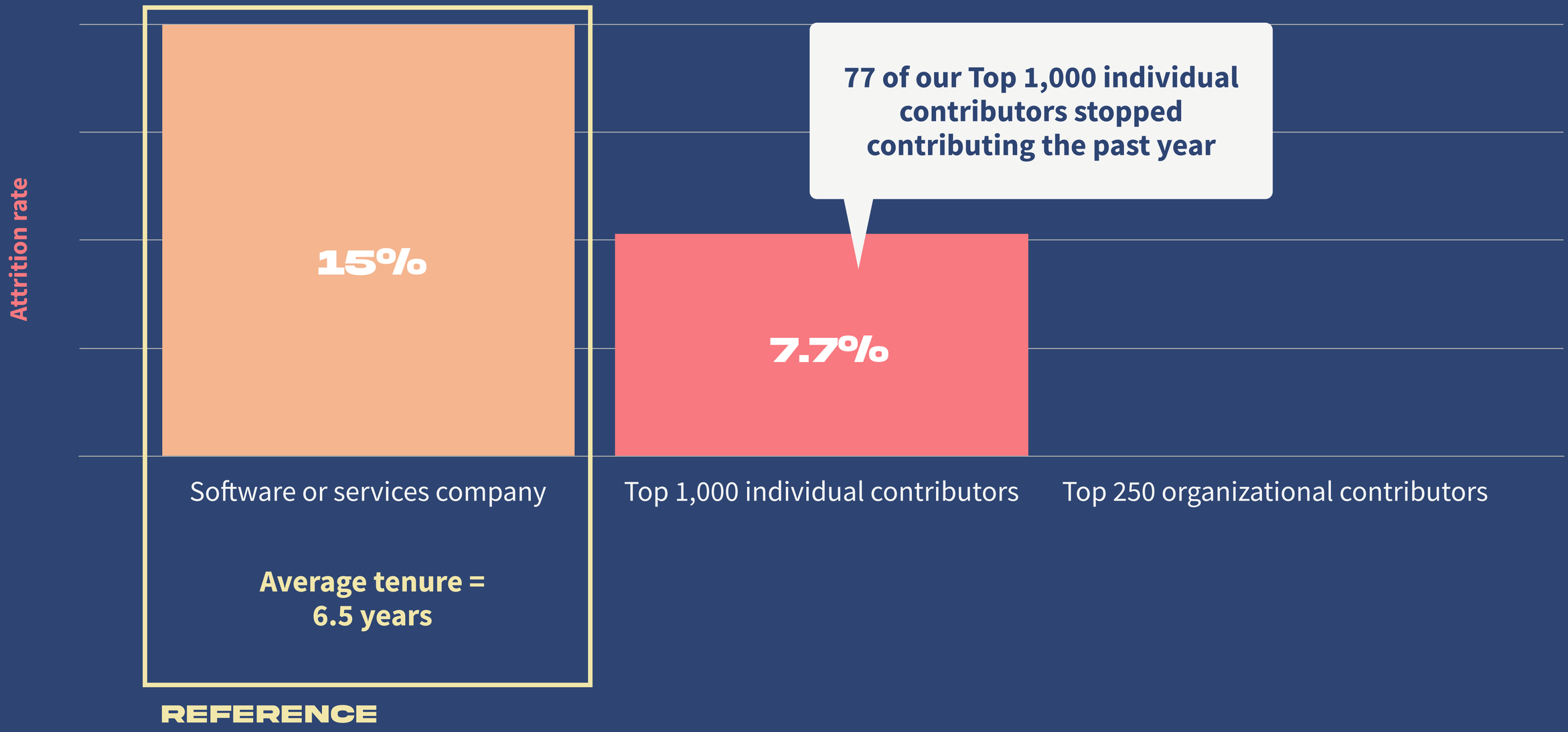

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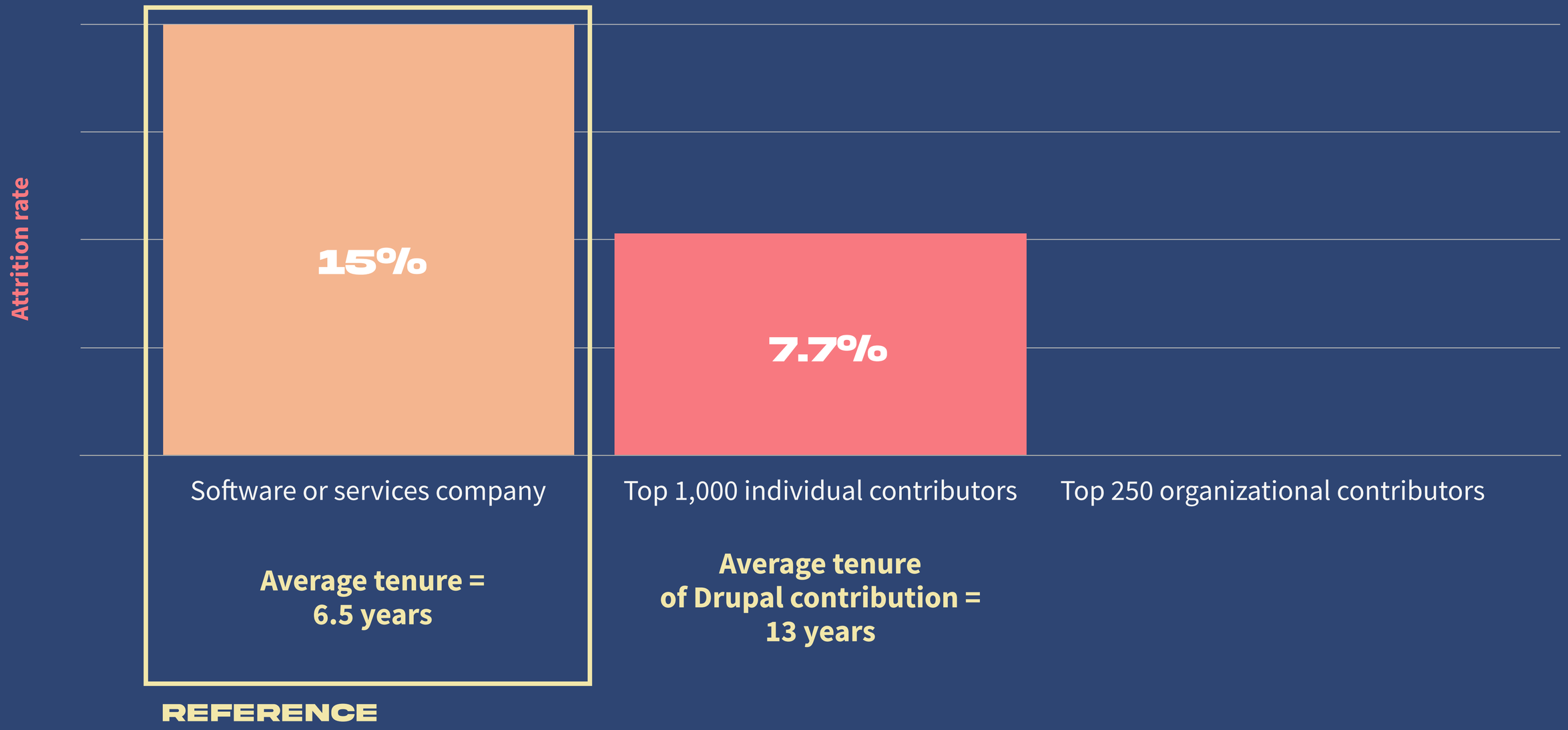
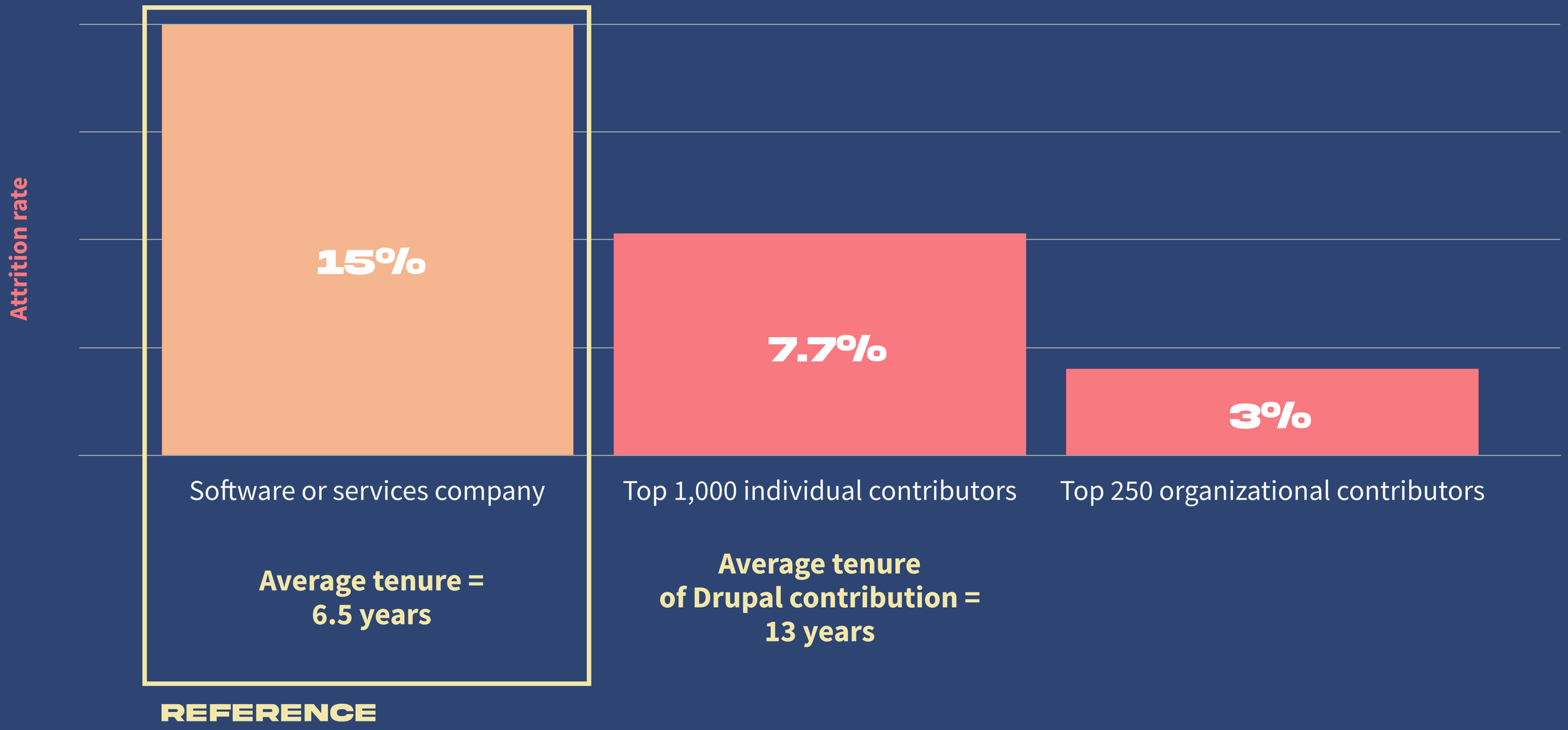


TOP ORGANIZATIONS ARE VERY, VERY LOYAL



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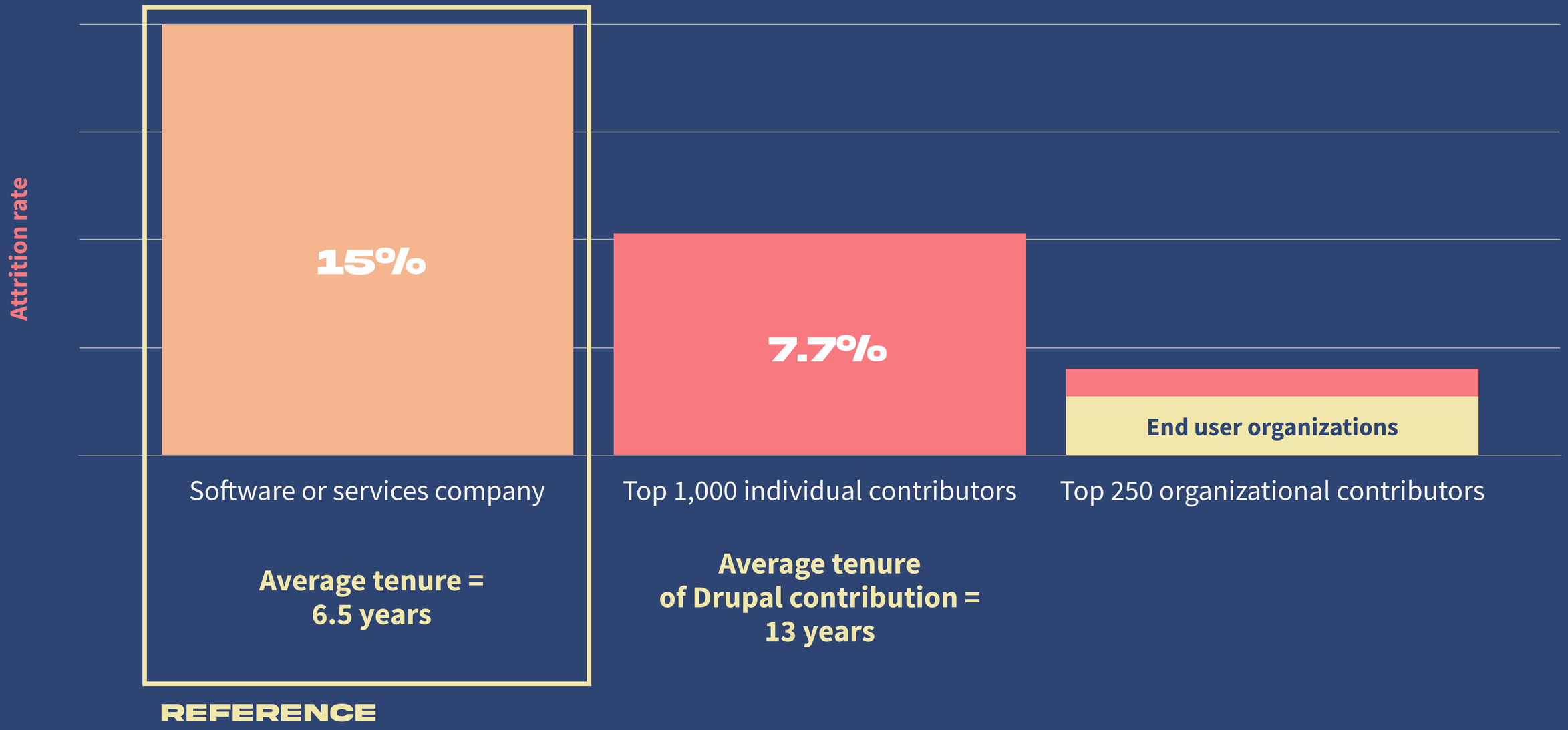
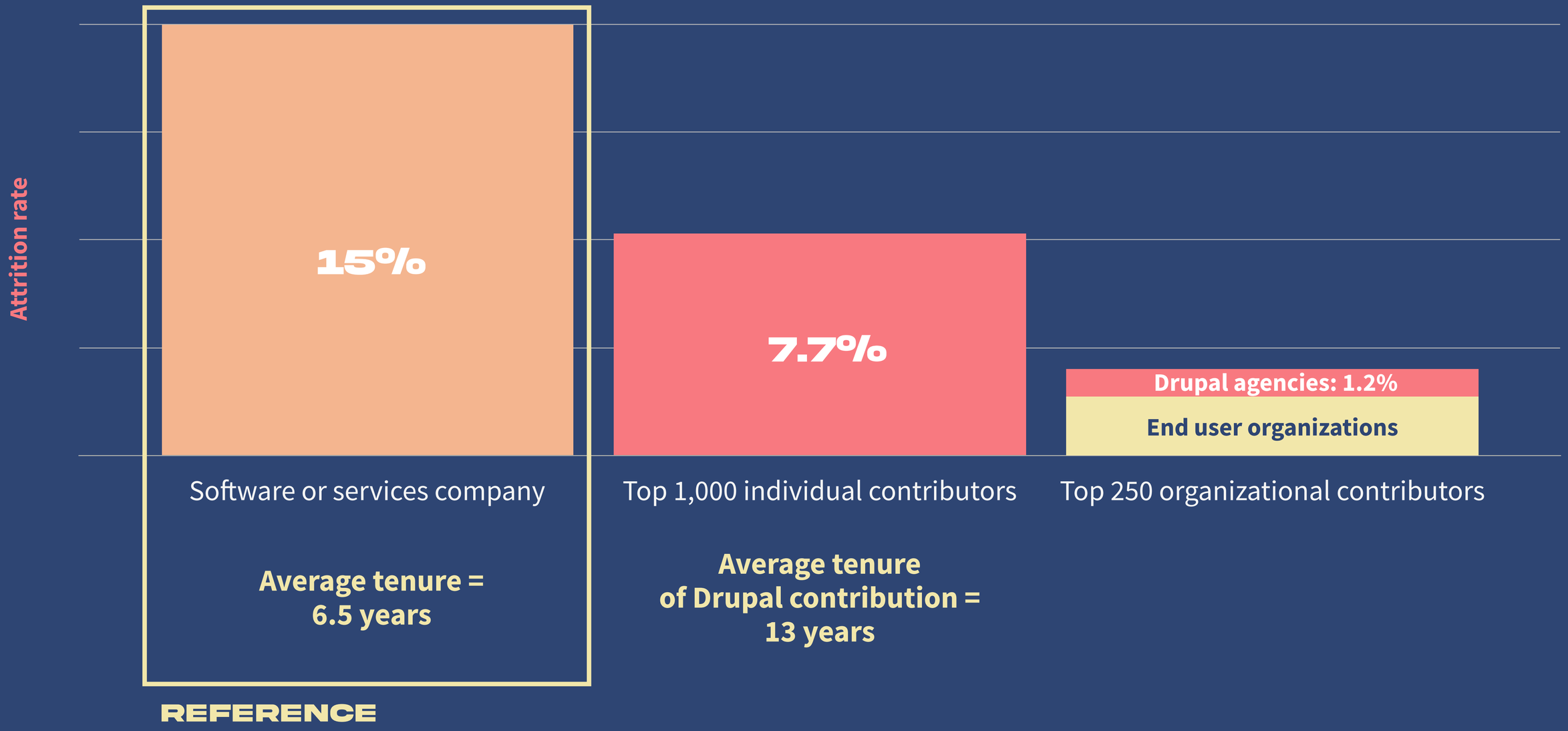


TOP DRUPAL AGENCIES ARE VERY, VERY, VERY LOYAL



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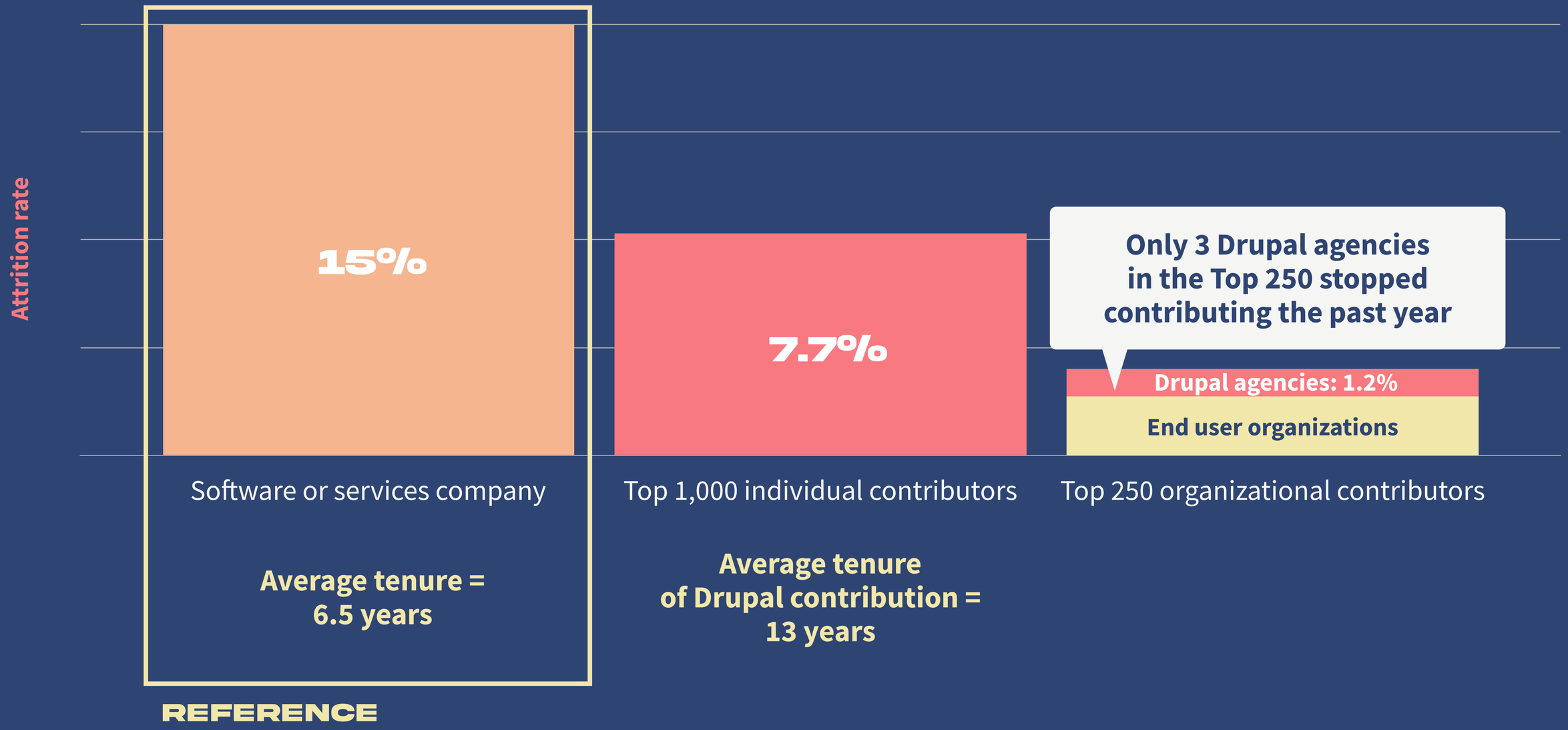
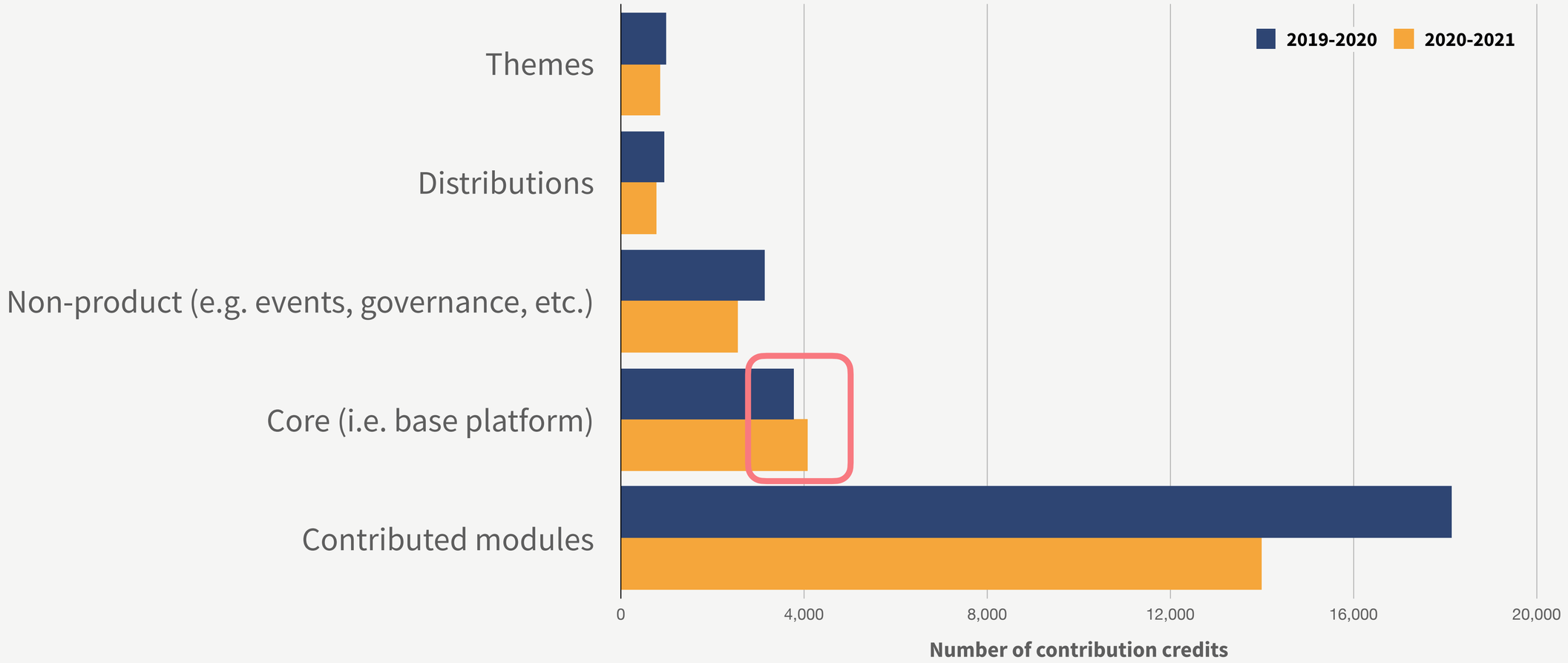


CONSISTENT ACROSS PROJECT TYPES, EXCEPT CORE



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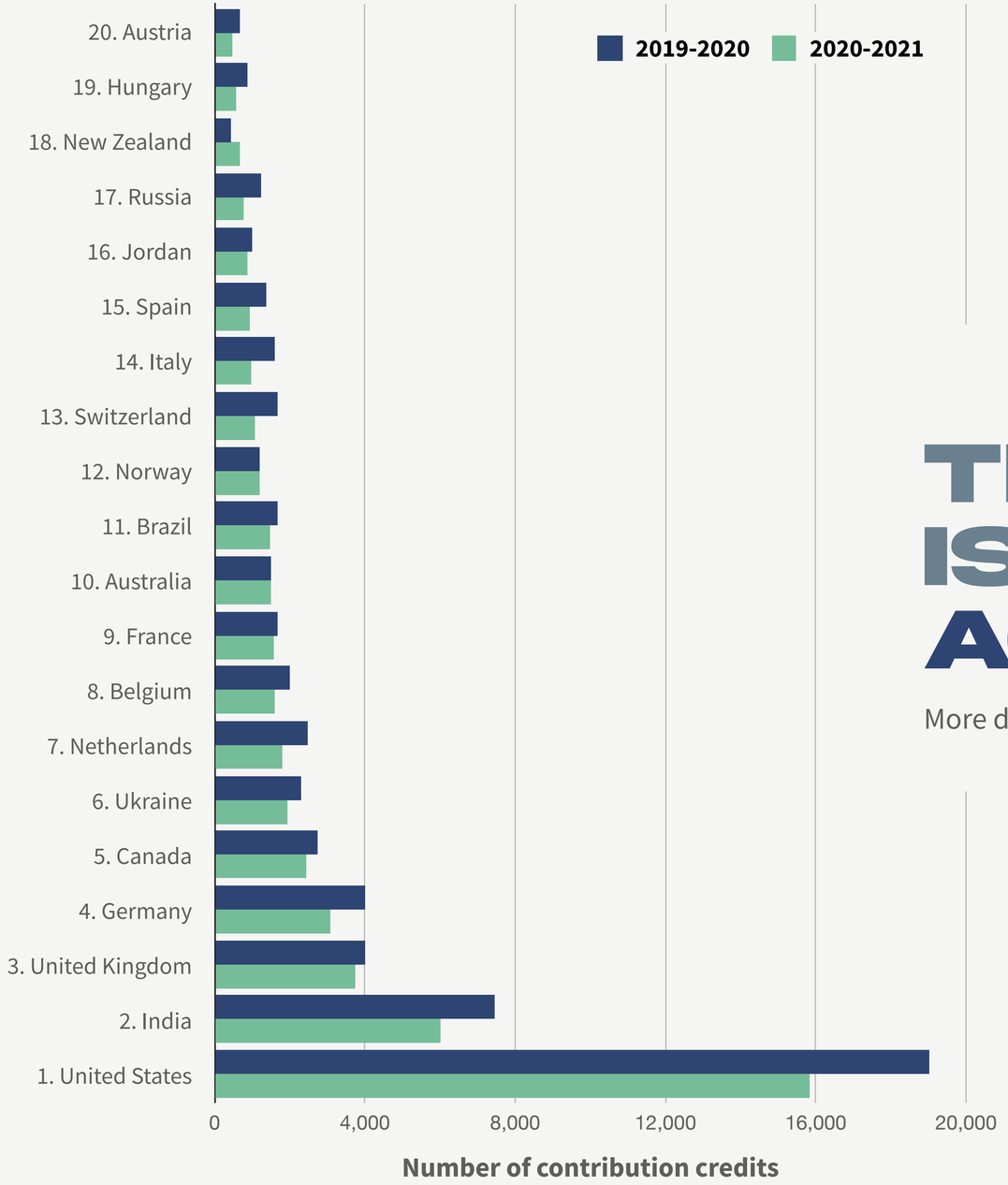
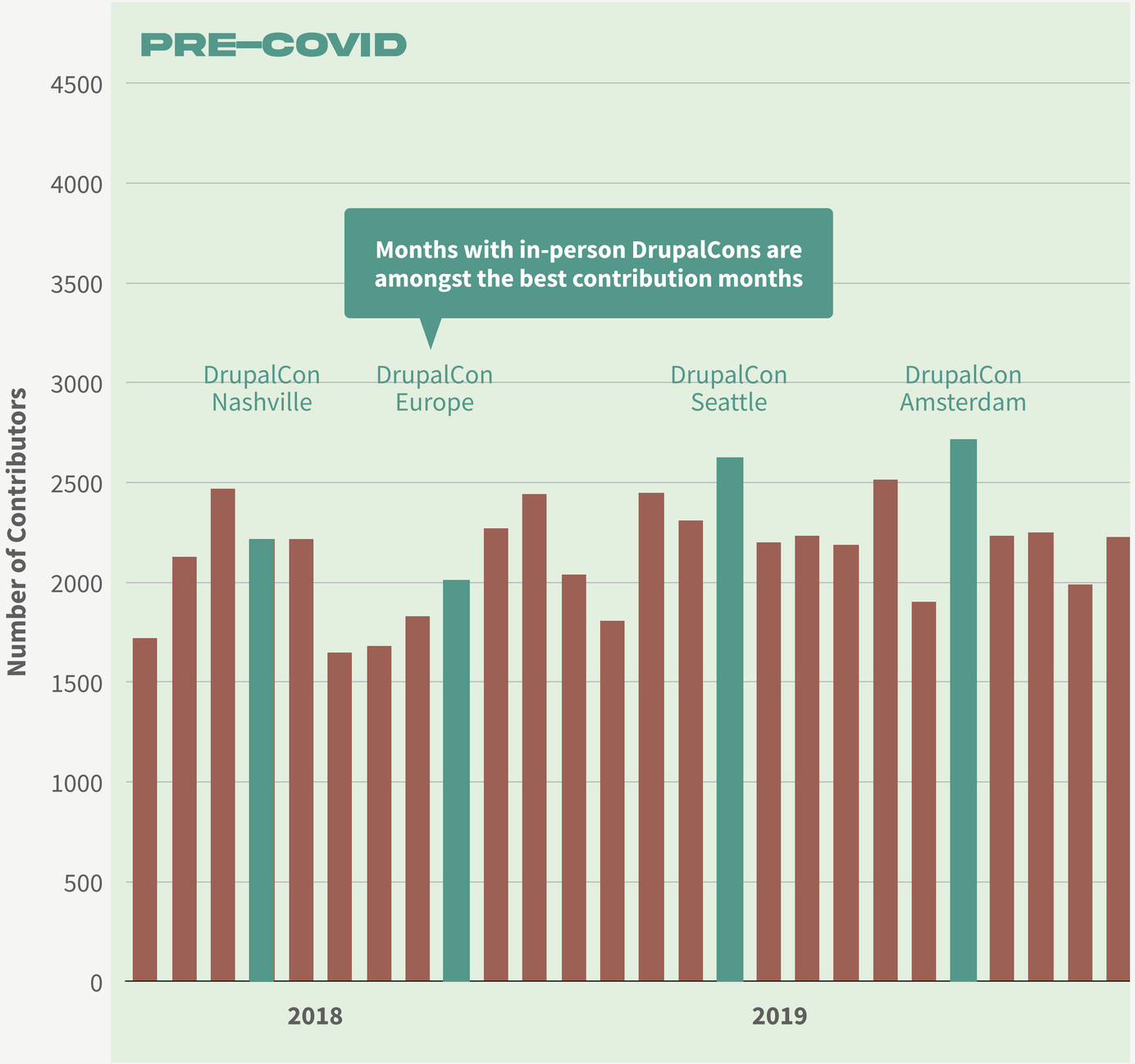


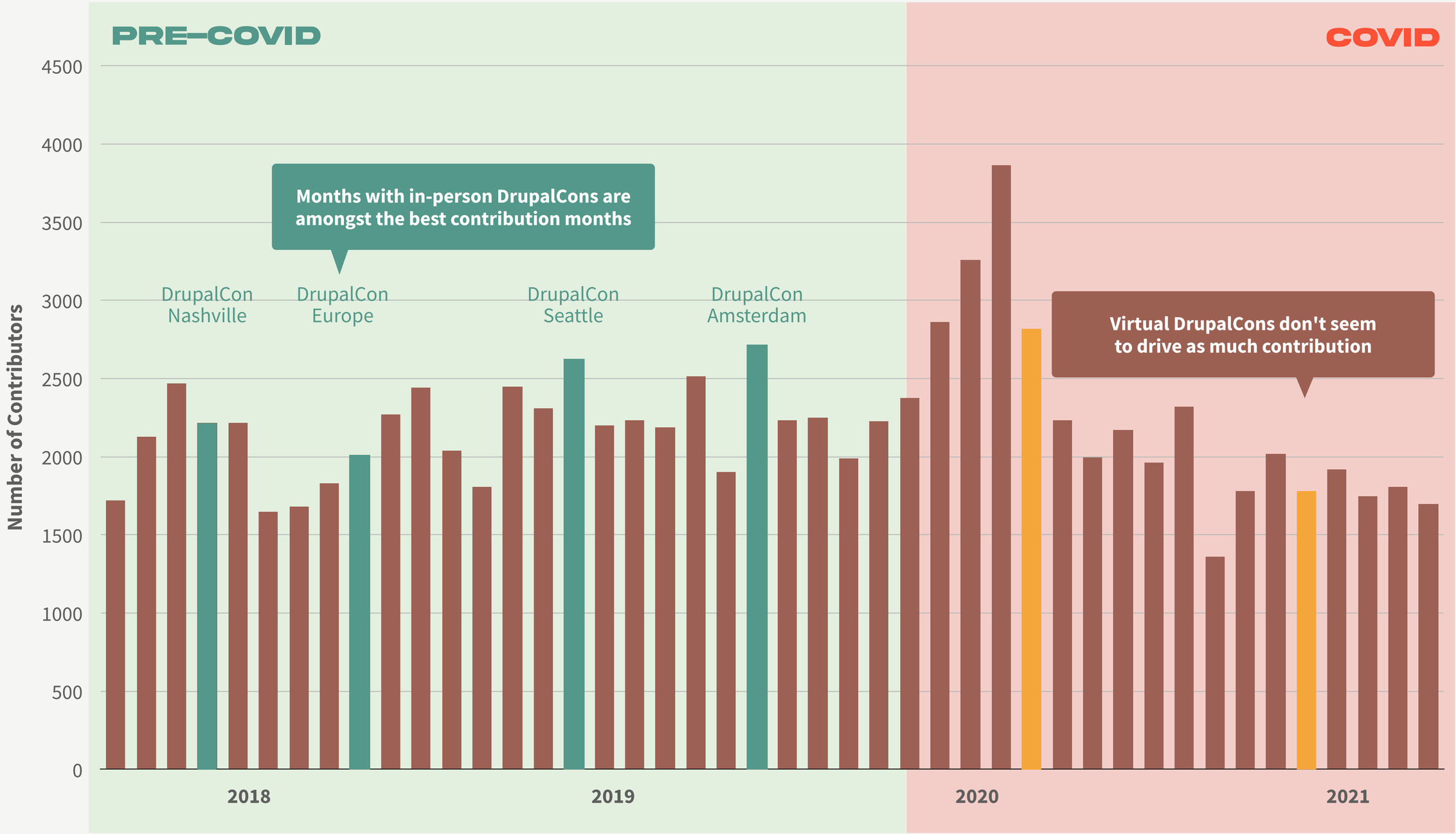
THE SLOWDOWN IS CONSISTENT ACROSS COUNTRIES

More details will be shared at **dri.es/who-sponsors-drupal-development-2021**

Reason 1 for slowdown:
COVID IMPACTED DRUPAL



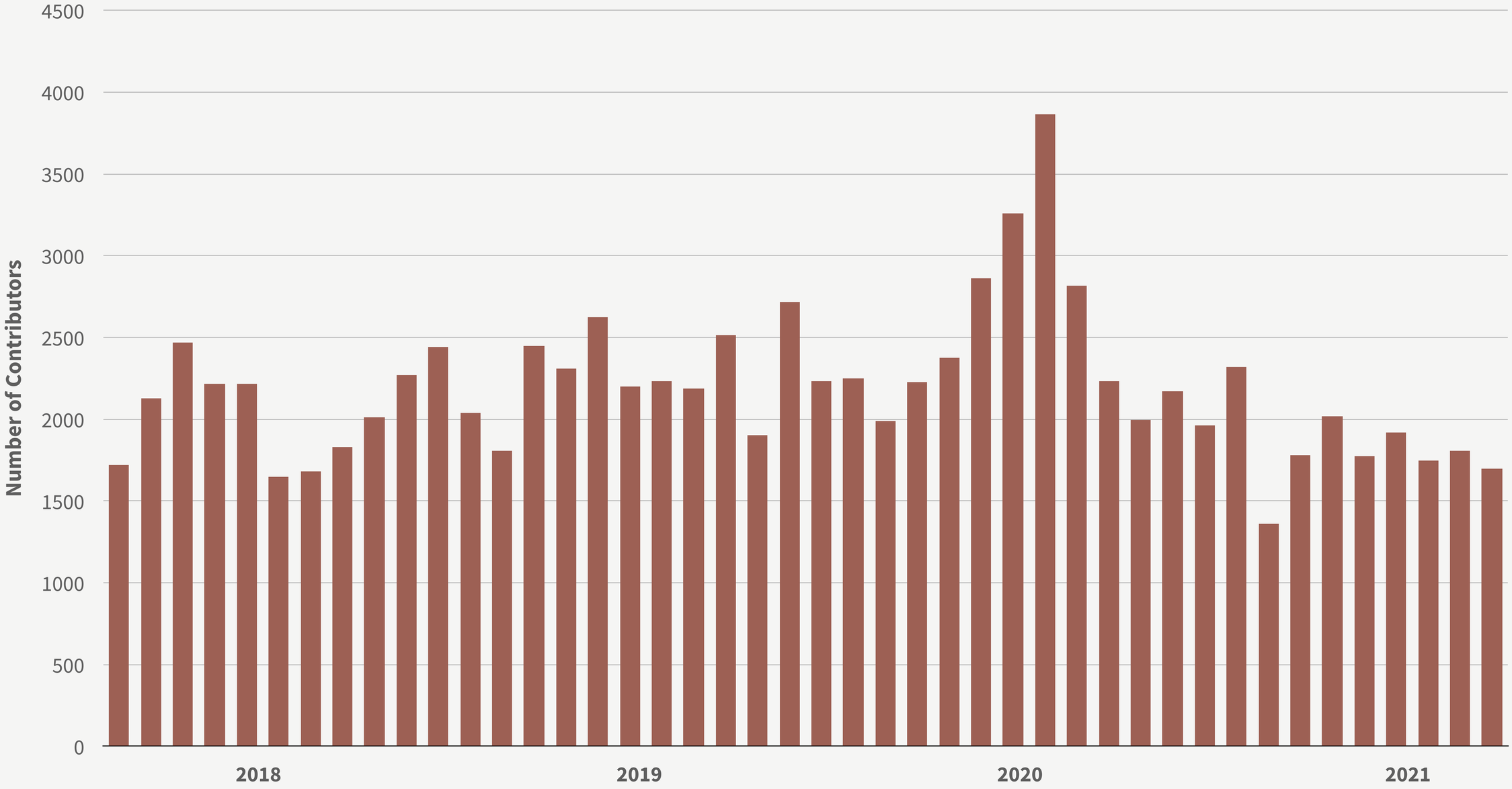
IN–PERSON CODE SPRINTS MATTER


PRE-COVID
COVID
Number of Contributors
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Months with in-person DrupalCons are amongst the best contribution months
DrupalCon Nashville
DrupalCon Europe
DrupalCon Seattle
DrupalCon Amsterdam
Virtual DrupalCons don't seem to drive as much contribution
2018
2019
2020
2021

Reason 2 for slowdown:

DRUPAL SUPER CYCLE

DRUPAL SUPER CYCLE



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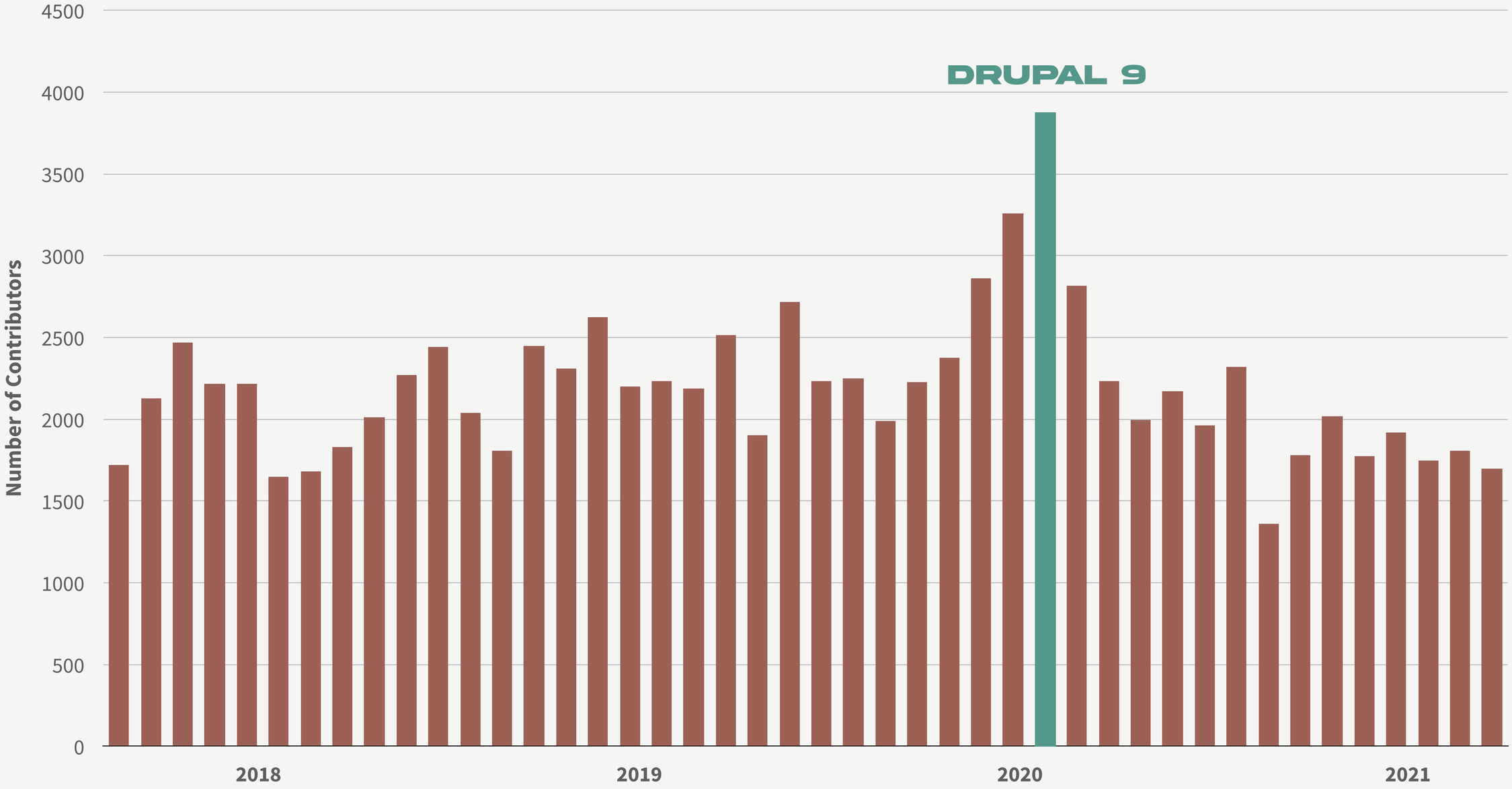

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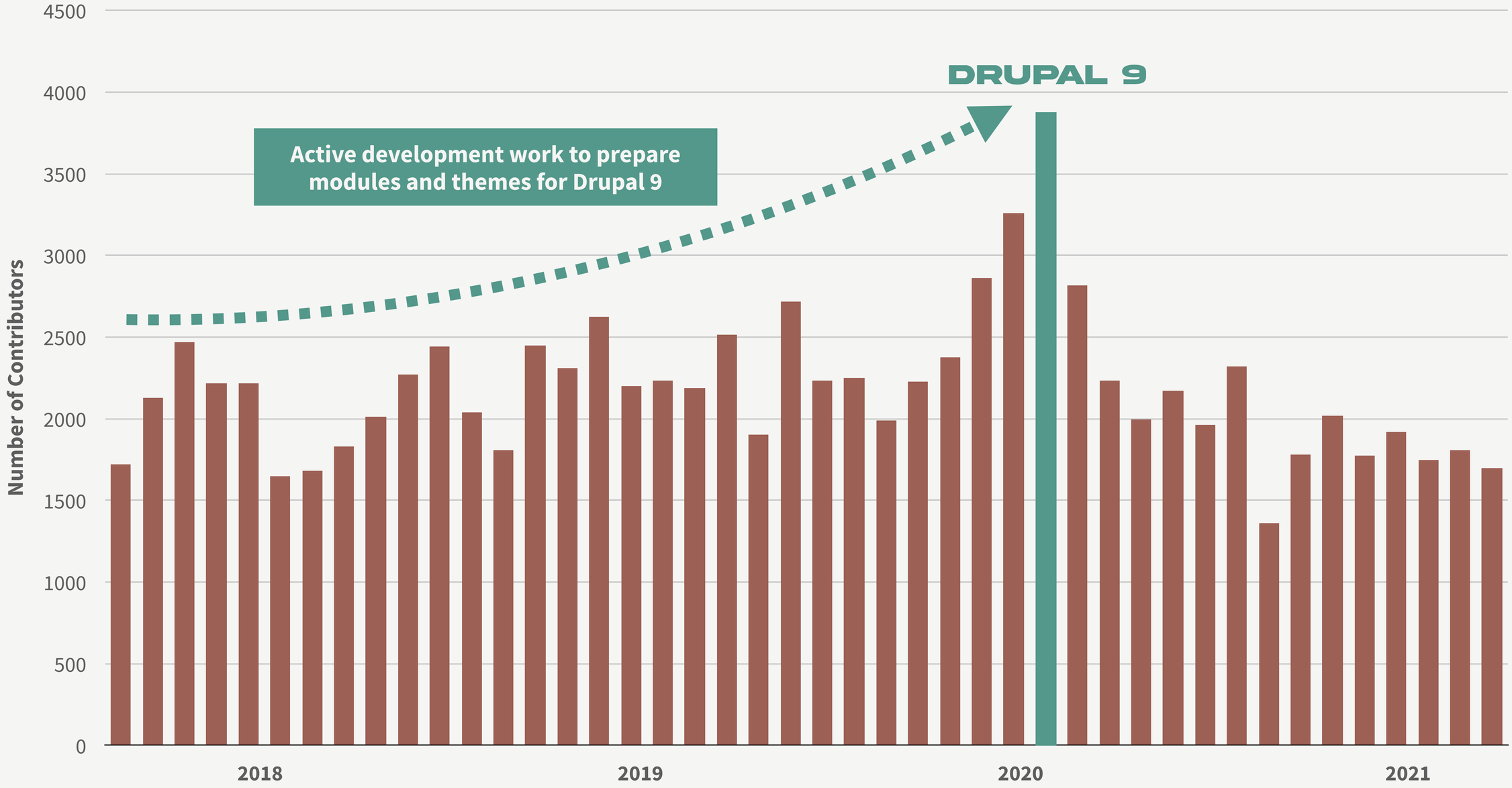

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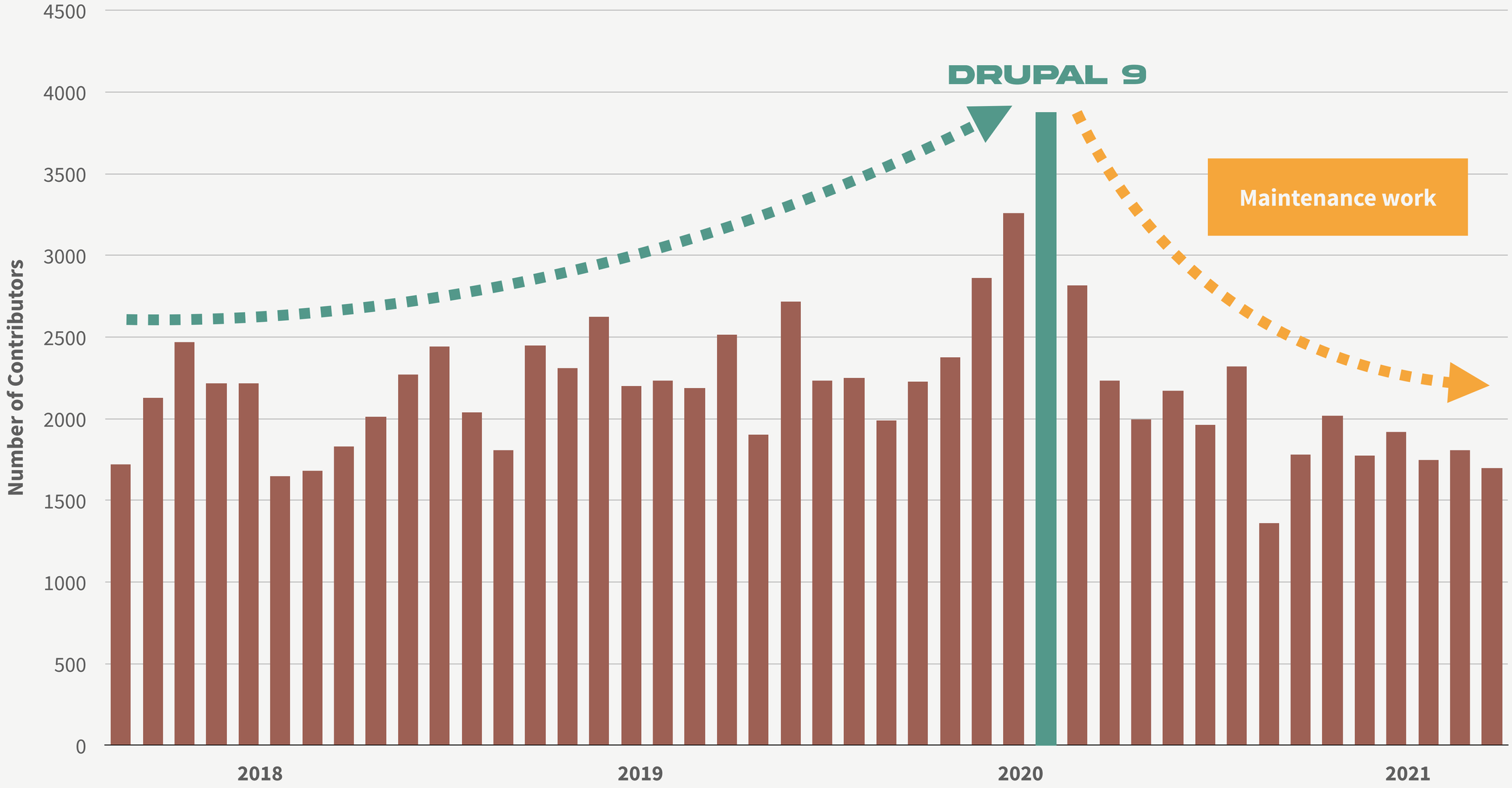

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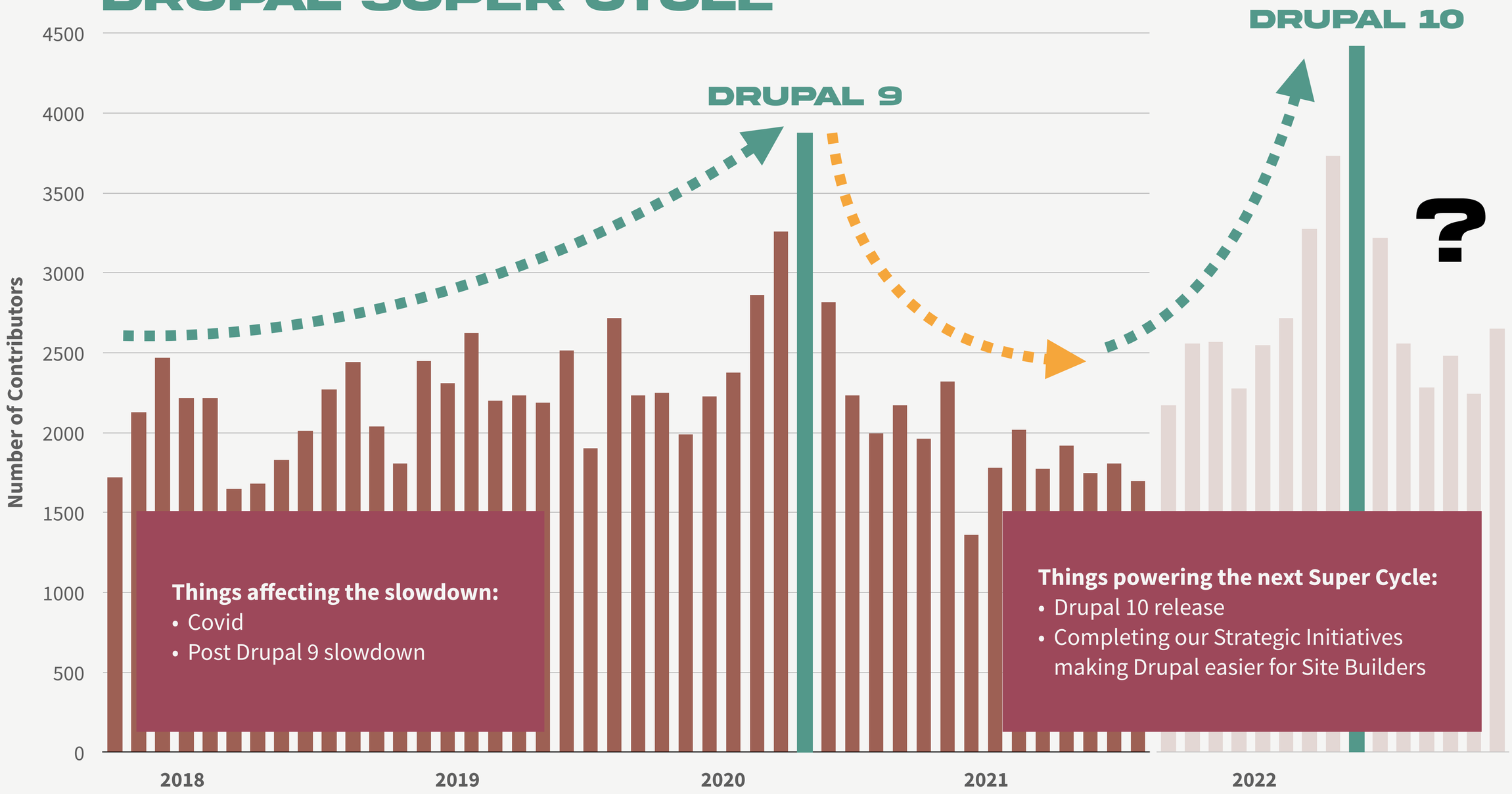


Reason 3 for slowdown:
RECTOR IS ABOUT WORKING SMARTER NOT HARDER.
drupal.org/project/rector

Reason 4 for slowdown:
AGENCIES ARE BUSY GROWING

"We grew **33% so far in 2021!**"

–Baddý Sonja Breidert, CEO of 1xInternet, Germany

"We grew **27% in revenue last year. We expect to continue on that growth trajectory**. Our only concern is shortage of Drupal talent that we fix with our trainee program."

–Janne Kalliola, CEO of Exove

"Customer investment in digital has accelerated by several years in the last 12 months. We grew our Drupal practice **by 35% in the past year.**"

–Paul Johnson, Director, CTI Digital, UK

"We have **doubled in size** over the past 5 years, growing from 45 to 90 team members."

– Dominique De Cooman, CEO of DropSolid, Belgium

"**We grew 40% over the last year**. The main driver is a growing demand from enterprises for large Drupal projects."

– Stella Power, Managing Director of Annertech, Ireland

CONTRIBUTION DYNAMICS HEALTH

SUMMARY

- Contribution slowed down, but **Drupal contributors are not leaving**
- **COVID-19 made contribution more difficult** and less desirable
- We are in the **"slow period" of the Drupal Super Cycle**
- More **automation reduces contribution** (in a good way)
- Many **Drupal agencies are busy growing**

I'm grateful for **the many contributions and continued commitment of so many generous individuals and organizations**
💙

THE MAGIC OF CONTRIBUTION

HISTORY CLEARLY SHOWS THAT ONE PERSON CAN MAKE A DIFFERENCE

Malala Yousafzai

Sir Nicholas Winton

Claudette Colvin

Martha Gellhorn

Walter Reuther

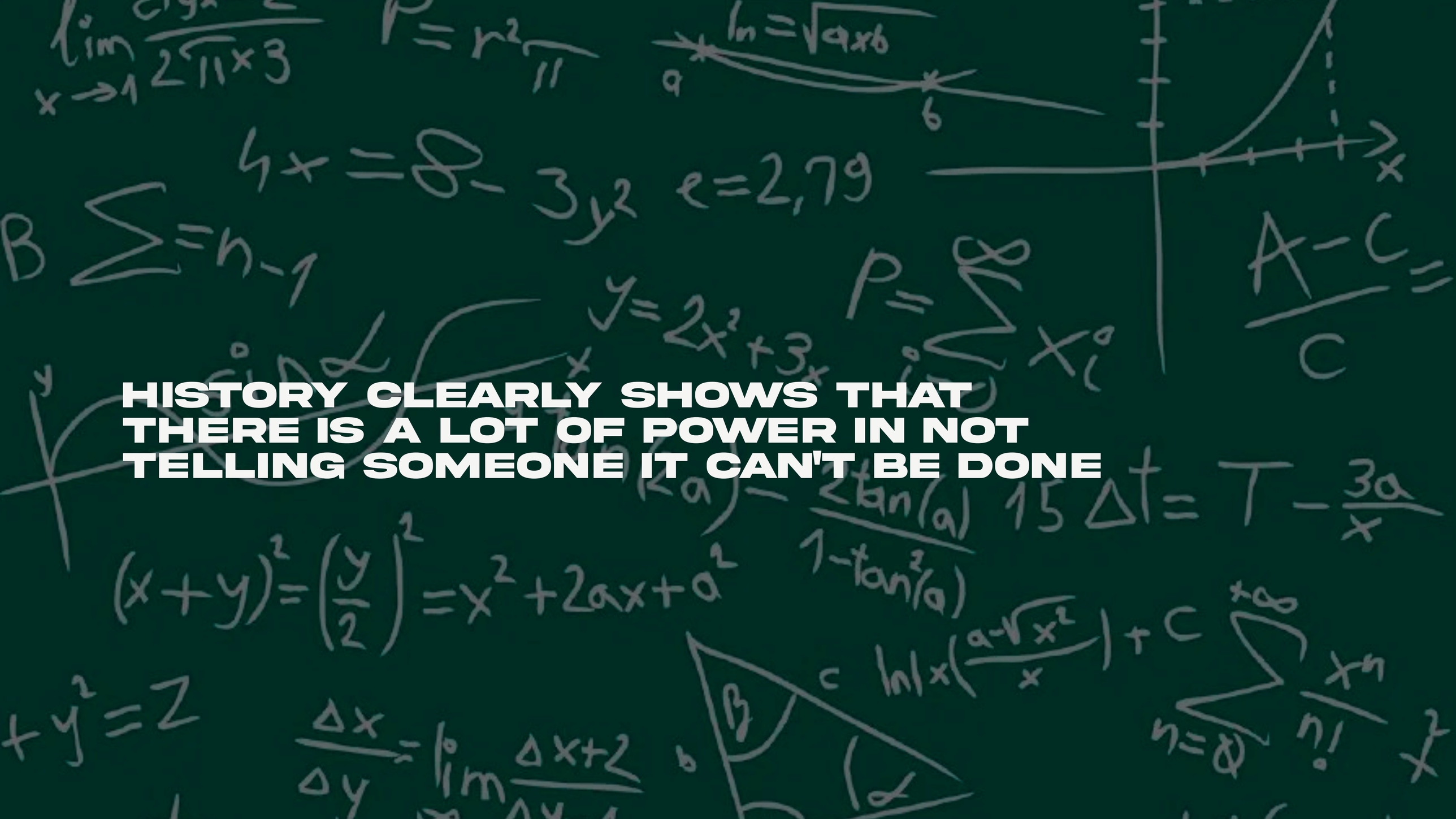
Nellie Bly

HISTORY CLEARLY SHOWS THAT ONE PERSON CAN MAKE A DIFFERENCE

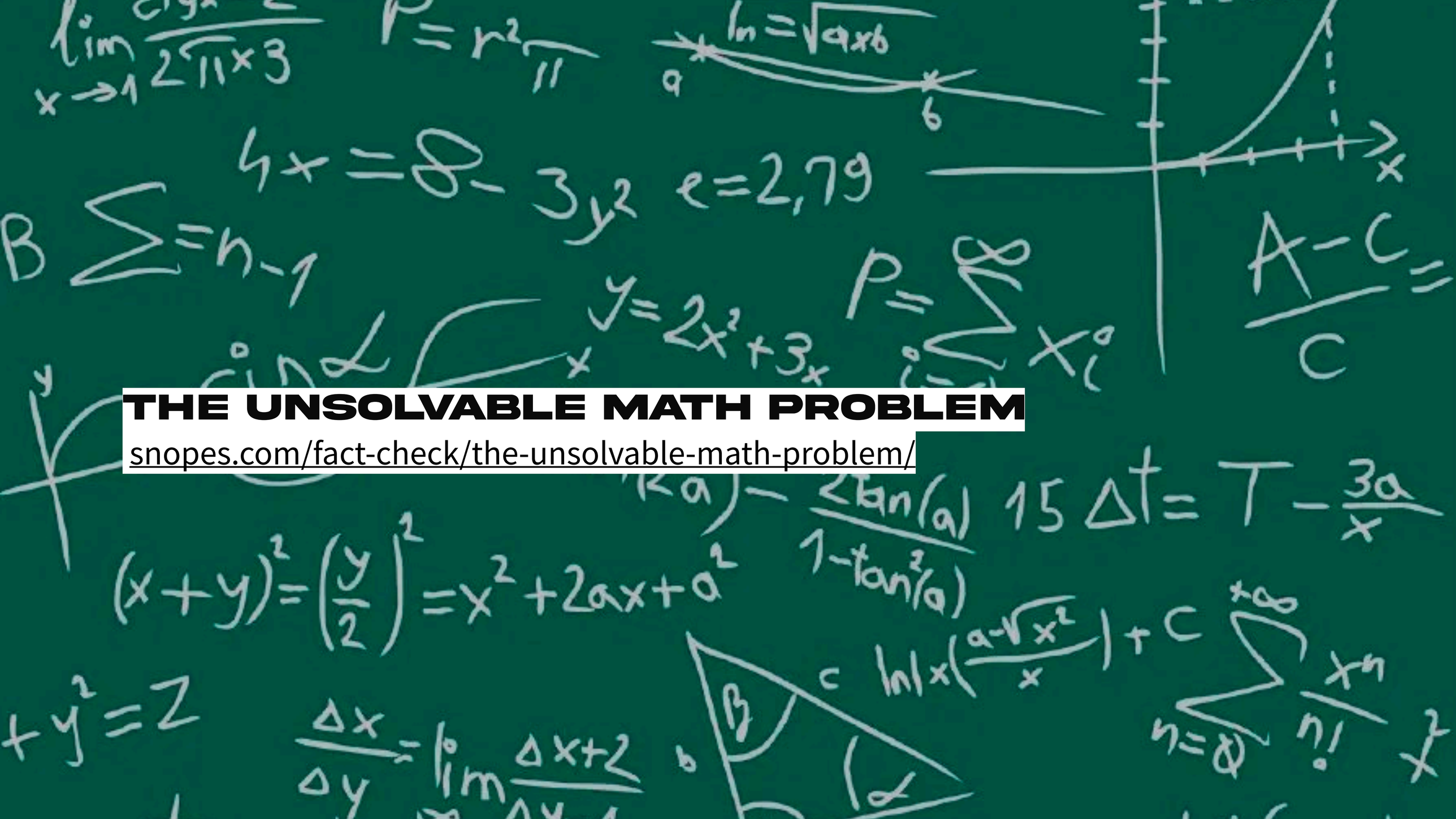
MARTHA GELLHORN

Broke down barriers for women reporters
Completely changed war reporting

https://www.youtube.com/watch?v=iv6KhTAFtX8



HISTORY CLEARLY SHOWS THAT THERE IS A LOT OF POWER IN NOT TELLING SOMEONE IT CAN'T BE DONE



THE UNSOLVABLE MATH PROBLEM

snopes.com/fact-check/the-unsolvable-math-problem/

NO ONE TOLD US THAT CONTENT MANAGEMENT SYSTEMS ARE REALLY HARD AND COMPLEX

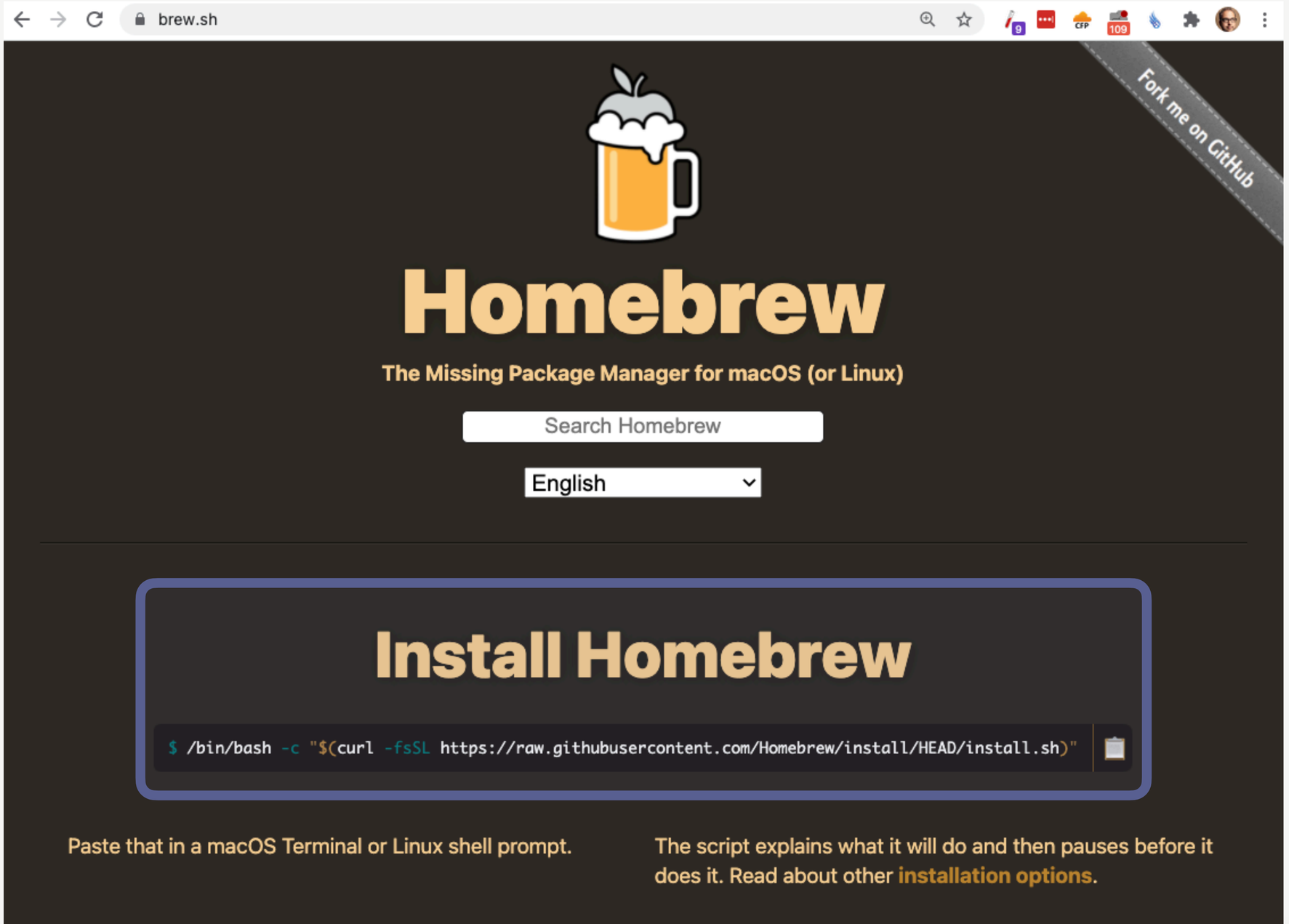
Group photo, DrupalCon Antwerp, 2005

"A new person became involved, and made a massive impact."
MAKE IT EASY TO JOIN
MAKE IT EASY TO CONTRIBUTE

1. MAKE IT EASY TO JOIN

NEW EXPECTATION

brew.sh

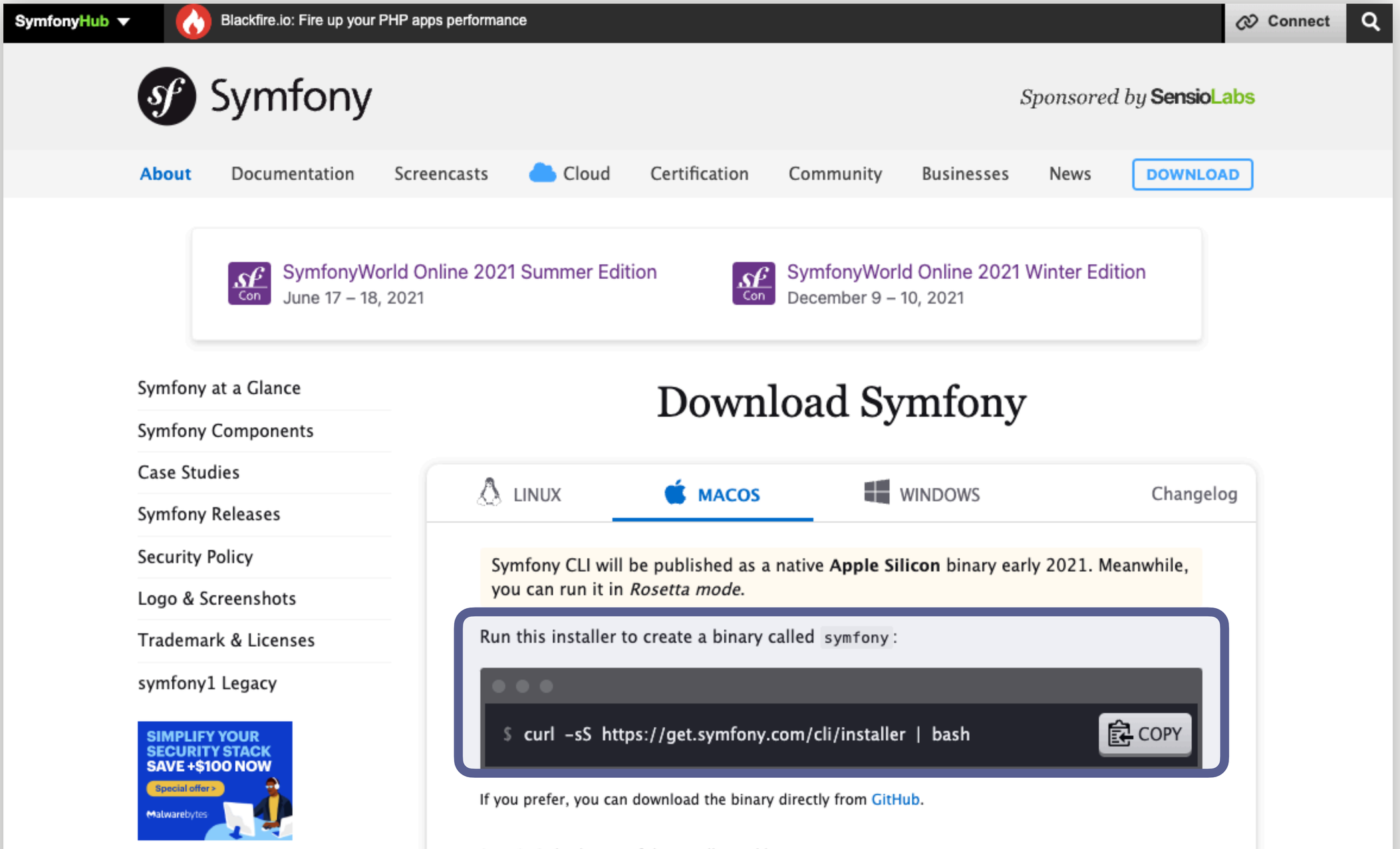


MAKE IT EASY TO JOIN:

"One click install"

NEW EXPECTATION

symfony.com/download



NEW EXPECTATION

If you're interested in playing around with React, you can use an online code playground. Try a Hello World template on CodePen, CodeSandbox, or Stackblitz.

If you prefer to use your own text editor, you can also download this HTML file, edit it, and open it from the local filesystem in your browser. It does a slow runtime code transformation, so we'd only recommend using this for simple demos.

Add React to a Website

You can add React to an HTML page in one minute. You can then either gradually expand its presence, or keep it contained to a few dynamic widgets.

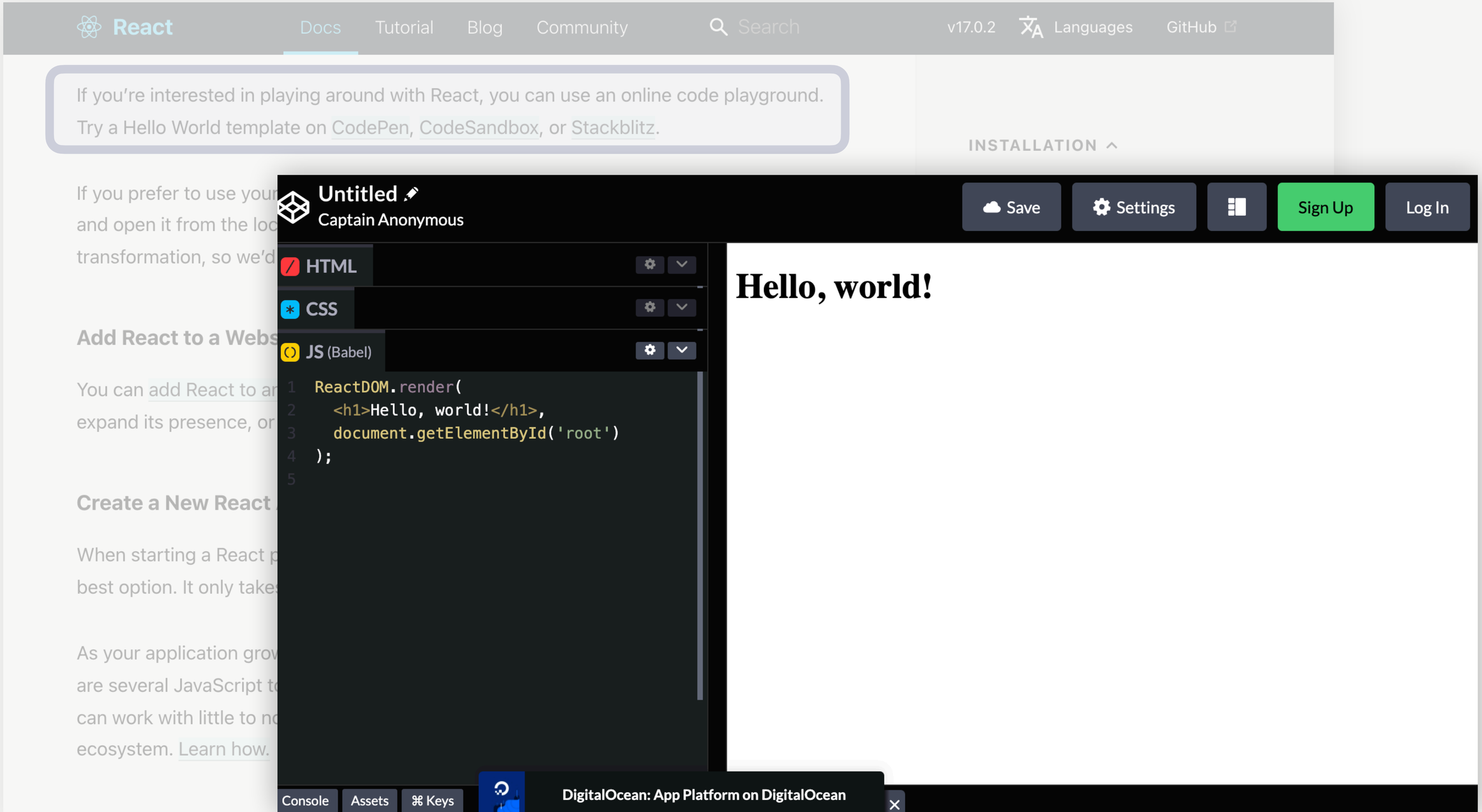
Create a New React App

When starting a React project, a simple HTML page with script tags might still be the best option. It only takes a minute to set up!

As your application grows, you might want to consider a more integrated setup. There are several JavaScript toolchains we recommend for larger applications. Each of them can work with little to no configuration and lets you take full advantage of the rich React ecosystem. Learn how.

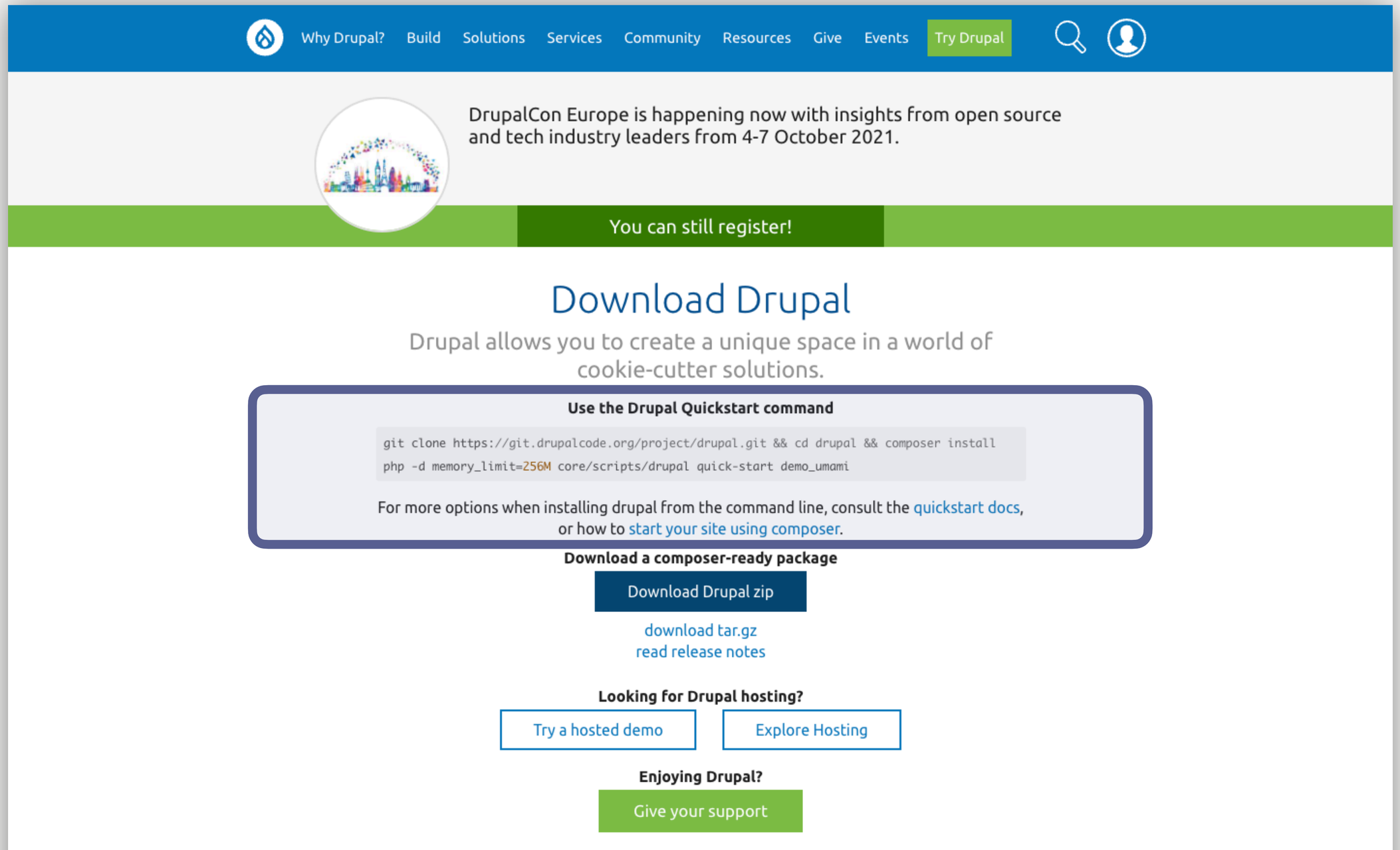
INSTALLATION
Getting Started
Add React to a Website
Create a New React App
CDN Links
Release Channels
MAIN CONCEPTS
ADVANCED GUIDES
API REFERENCE
HOOKS
TESTING
CONTRIBUTING
FAQ

NEW EXPECTATION



OLD STANDARD

FIXED IN PAST 24 HOURS!



Simple Browser
https://8080-amethyst-tarsier-wdza
web > index.php > $response
<?php
Preparation time: 20 minutes
Cooking time: 20 minutes
ber of servings: 12
ficulty: Medium
Ingredients
80g vegan dark chocolate
170g plain flour
PROBLEMS
DEBUG CONSOLE
Filter (e.g. text, !exclude)
DrupalPod
drupalpod.com
Simplytest
Evaluate Drupal projects
Start typing the name of
One Click Demos
How to use it?
1 Start typing a project
2 Choose your preferre
supported.
3 Hit the button (wait u
test it!
Simplytest
simplytest.me
Encountered A Problem?
Please report any problems that you run into while using the service on drupal.org. Also general feedback or
Future Of Simplytest.Me
Join the conversation about the future of this service on drupal.org

2. MAKE IT EASY TO CONTRIBUTE

GITLAB UPDATE

The goal is to **eliminate friction in the contribution process:**

- The Drupal.org account creation process was cumbersome
- Drupal.org only allows merge requests to be started after an issue has been created
- Our testing tools aren't well integrated

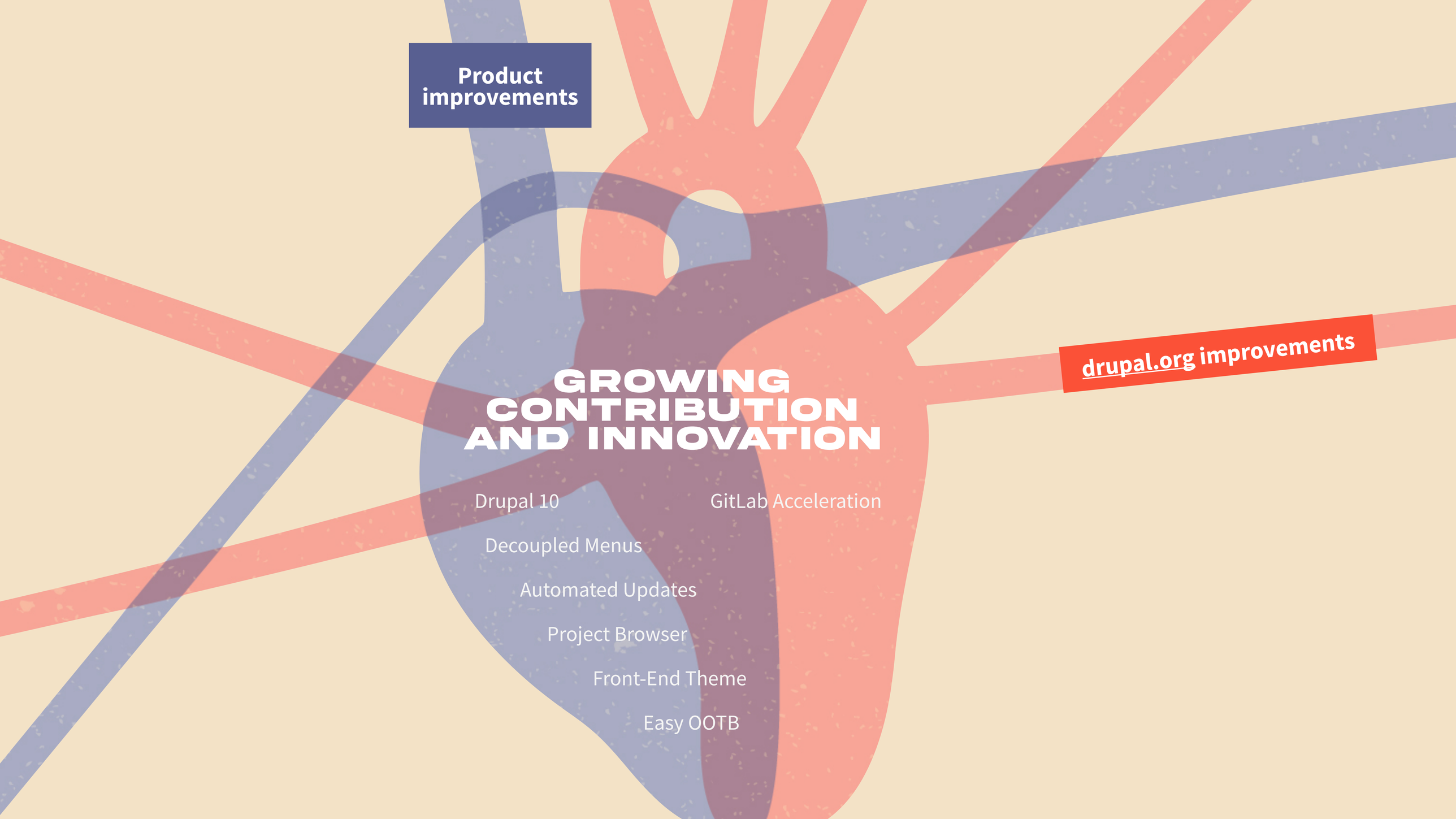
TIM LEHNEN hestenet
CTO, Drupal Association
Hello DrupalCon!

GITLAB WORK
IS ABOUT TO ACCELERATE

We've successfully **fundraised some money to support augmenting our engineering team** with contractor support

$100K still needed

Expect even more progress by the next DrupalCon! 👍


Product improvements
drupal.org improvements
GROWING CONTRIBUTION AND INNOVATION
Drupal 10
GitLab Acceleration
Decoupled Menus
Automated Updates
Project Browser
Front-End Theme
Easy OOTB

THANKS FOR LISTENING

Q&A Session – Wednesday October 6th
14h00-14h45 CEST (30 mins from now)

Slides to be posted at http://dri.es