



What's New and Exciting in Drupal

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Drupal 10.0 - 2022-12-14

Drupal 10.1 - 2023-06-22

Drupal 10.2 - 2023-12-13(ish)

So . . .

What 's New?

D10 at a Glance



Key Themes

- Performance & security
- Modern development methods
- Improved user experience
- Better content management



What's New

- Improved caching mechanisms
- New themes & tools
- Streamlined code
- Advanced security features
- Atomic design
- Improved multilingual support
- Support for modern web development

A blurred, high-speed photograph of a road or tunnel. The image shows a perspective view of a road or tunnel with motion blur on the sides, suggesting high speed. The text "Drupal Is Fast" is overlaid in the upper left quadrant. The word "Drupal" is in white, "Is" is in white, and "Fast" is in blue.

Drupal Is Fast



Drupal Is **Faster**
Than Ever

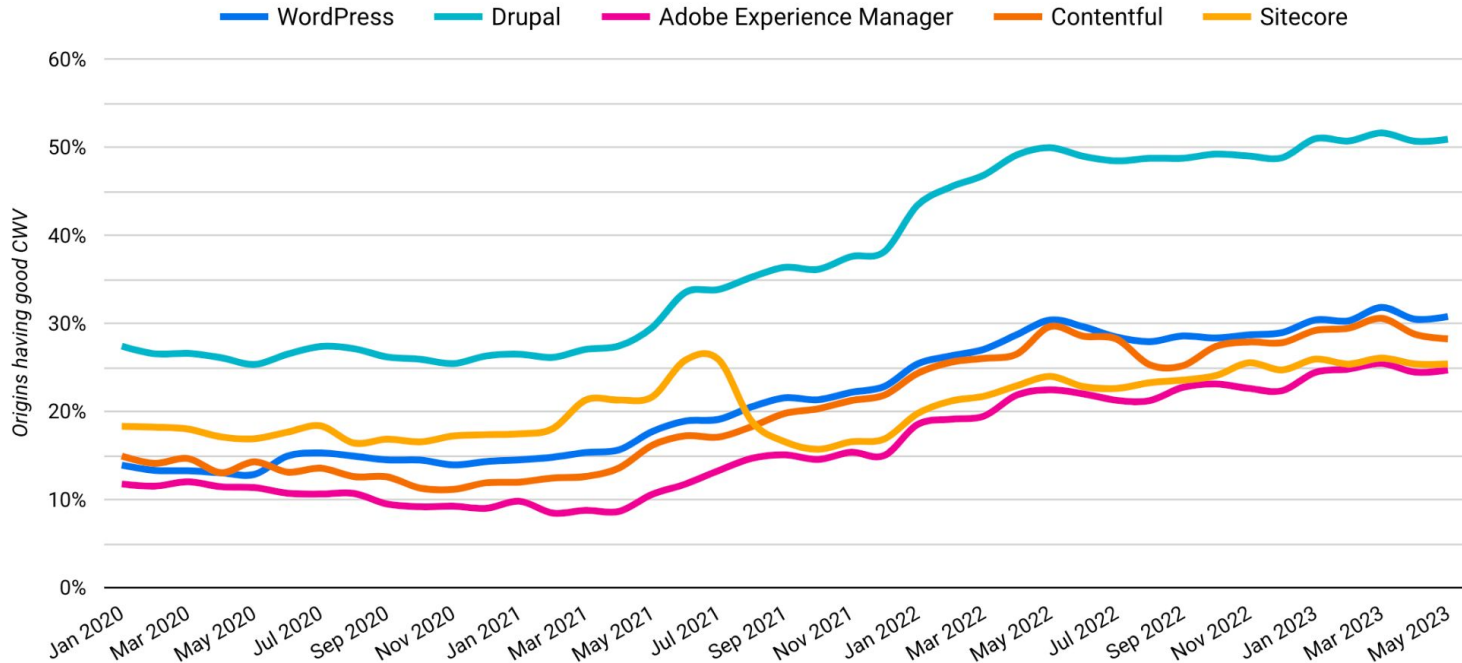
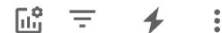
Select date range

Client: mobile (1)

Technology: WordPress, Drupal, Adobe Experience ... (5)

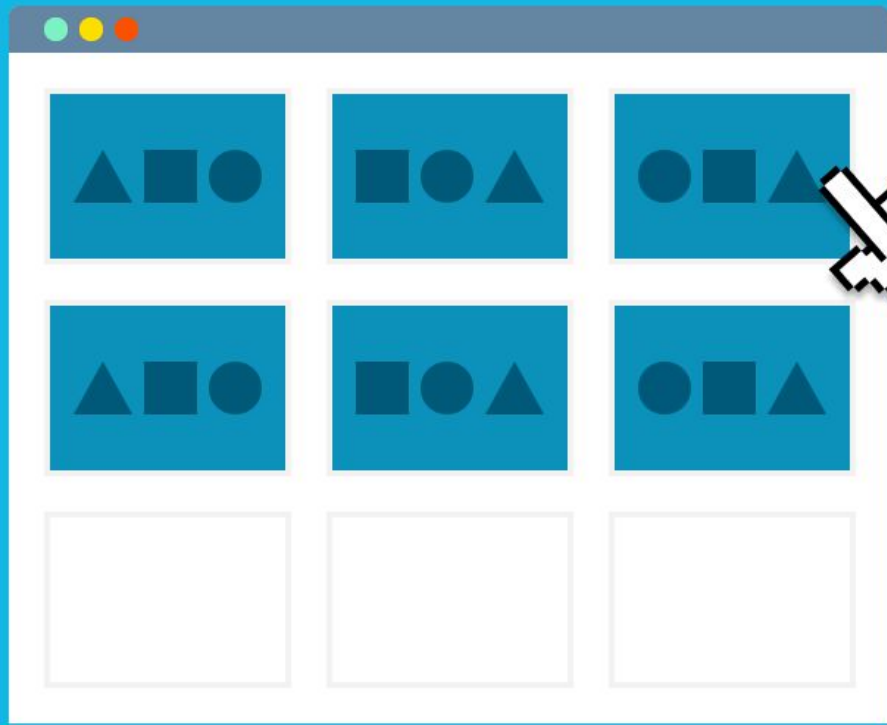
Rank: ALL

Geo: ALL

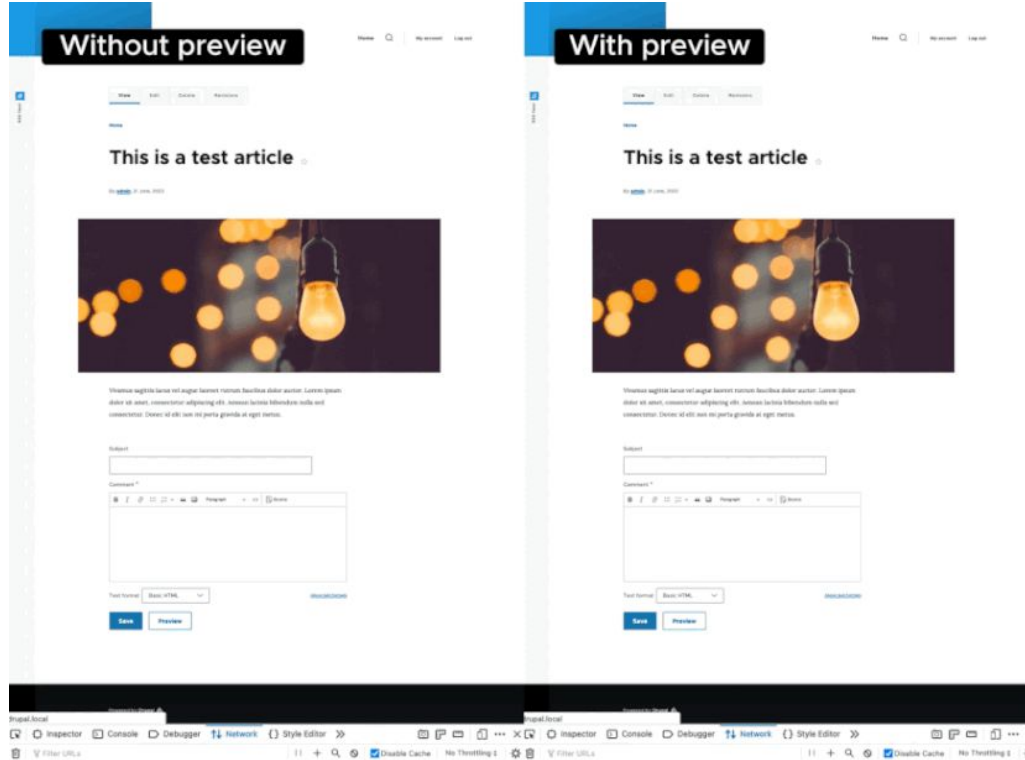


Lazy Loading

- Original and resized images
- Responsive images
- OEmbed content



BigPipe Placeholders



And More!

- JS minification on-the-fly
- WebP support



Drupal Is Global Ready

Multilingual support

- Upgraded translation management system
 - Easier to translate content and manage translation workflows
- Create new languages in the admin UI using new language entity type

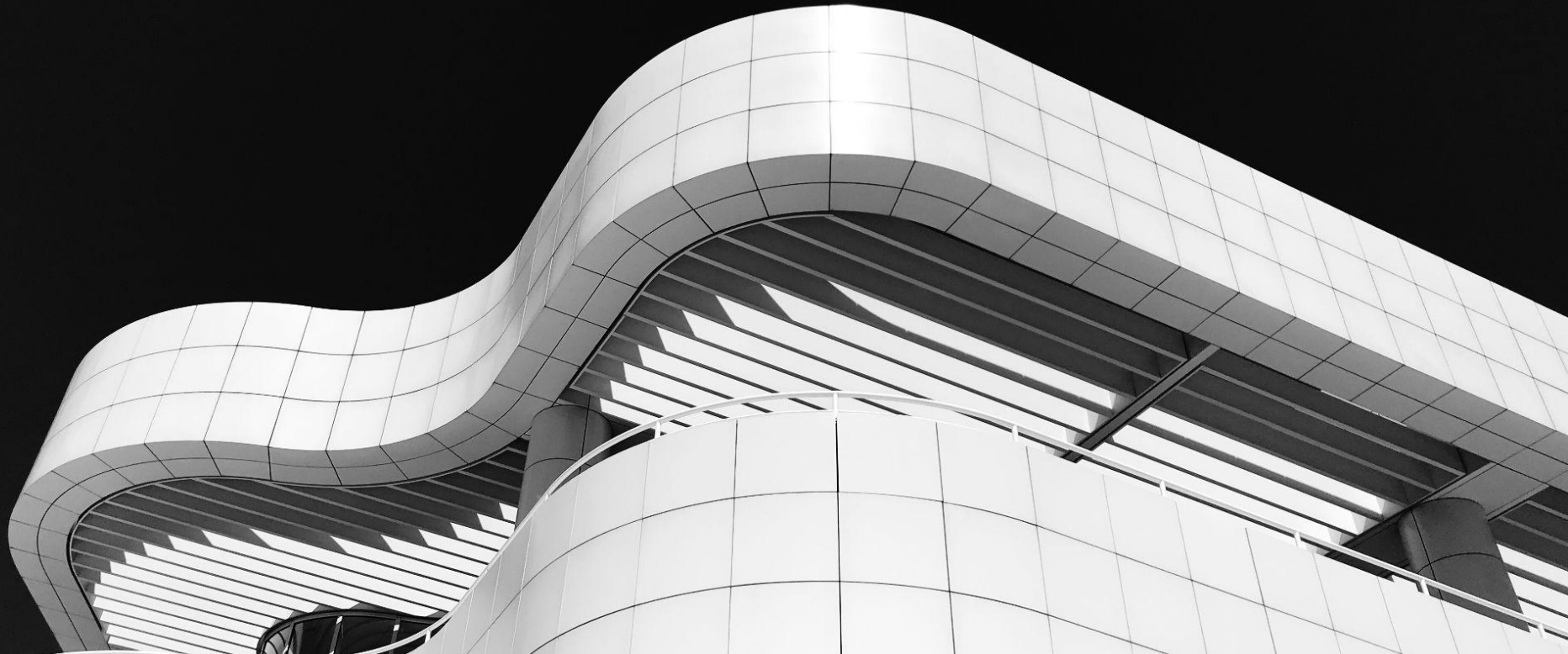
The screenshot shows the 'Multilingual settings' form in Drupal. The left sidebar contains several settings sections: 'Submission form settings' (Title), 'Publishing options' (Published), 'Display settings' (Don't display post information), 'Comment settings' (Hidden, Threading, 50 comments per page), 'Multilingual settings' (highlighted), and 'Menu settings'. The main content area is titled 'Extended multilingual options provided by Internationalization module. These will be available only when you enable Multilingual support in Publishing options above.' It contains two sections: 'Extended language options' with three checkboxes: 'Set current language as default for new content.', 'Require language (Do not allow Language Neutral).', and 'Lock language (Cannot be changed).'; and 'Extended language support' with three radio buttons: 'Normal - All enabled languages will be allowed.', 'Extended - All defined languages will be allowed.', and 'Extended, but not displayed - All defined languages will be allowed for input, but not displayed in links.' Below these is a note: 'If enabled, all defined languages will be allowed for this content type in addition to only enabled ones. This is useful to have more languages for content than for the interface.' At the bottom of the form are two buttons: 'Save content type' and 'Delete content type'.

Language detection

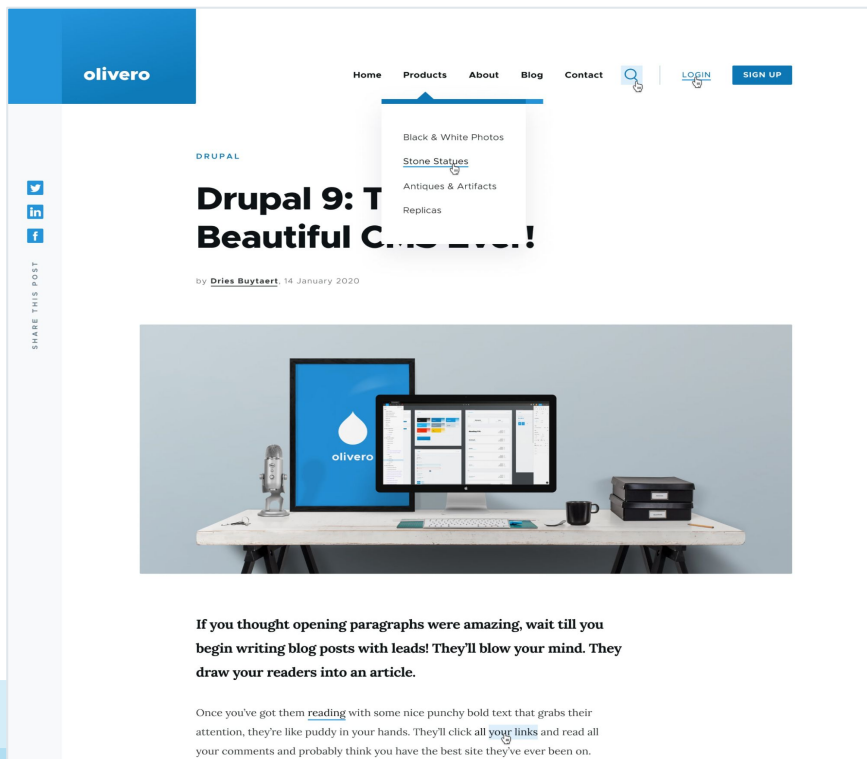
End user language selection improvements to help deliver a personalized experience include:

- Better language detection mechanisms to make it easier to determine the user's preferred language and
- A more flexible and customizable language switcher for users to switch between multiple languages

Drupal Is Beautiful and Modern



Olivero theme




Most useful to **SME Drupal users** - providing an out-of-the-box WCAG AA-conformant theme

- Designed with accessibility in mind
- Better use of Layout Builder and Media
- Uses CSS grid
- Modern FE techniques like Intersection Observer
- Better customizability with support for CSS variables
- Modern default atomic and higher order components

Home | Drupal 10

drupal10.ddev.site

← Back to Administration



Drupal 10

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Olivero | Drupal 10

drupal10.ddev.site/admin/appearance/settings/olivero

Olivero ☆

Your shortcut icon, or favicon, is displayed in the address bar and bookmarks of most browsers.

Use the favicon supplied by the theme

Olivero Utilities

Enable mobile menu at all widths
Enables the mobile menu toggle at all widths.

Header site branding background color

Gray


Olivero Color Scheme Settings

These settings adjust the look and feel of the Olivero theme. Changing the color below will change the base hue, saturation, and lightness values the Olivero theme uses to determine its internal colors.

Olivero Color Scheme

Custom

Primary base color

#ff8800 

Enter color in full hexadecimal format (#abc123).
Derivatives will be formed from this color.

Views responsive grid

Page: Style options

Force using fields
If neither the row nor the style plugin supports fields, this field allows to enable them, so you can for example use groupby.

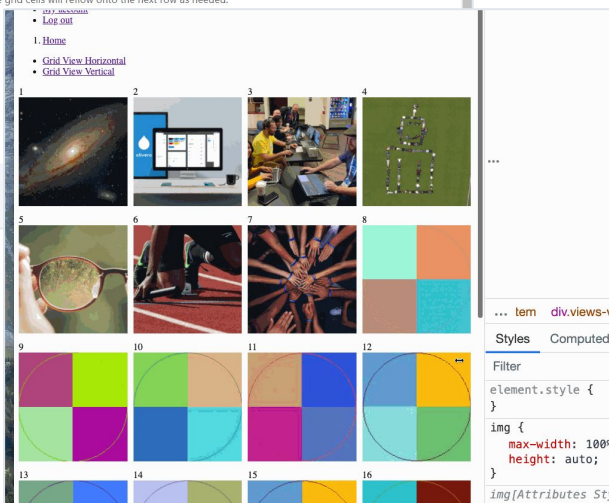
Maximum number of columns*

The maximum number of columns that will be displayed within the grid.

Minimum grid cell width*
 px
The minimum width of the grid cells. If the grid container becomes narrow, the grid cells will reflow onto the next row as needed.

Grid gutter spacing*
 px
The spacing between the grid cells.

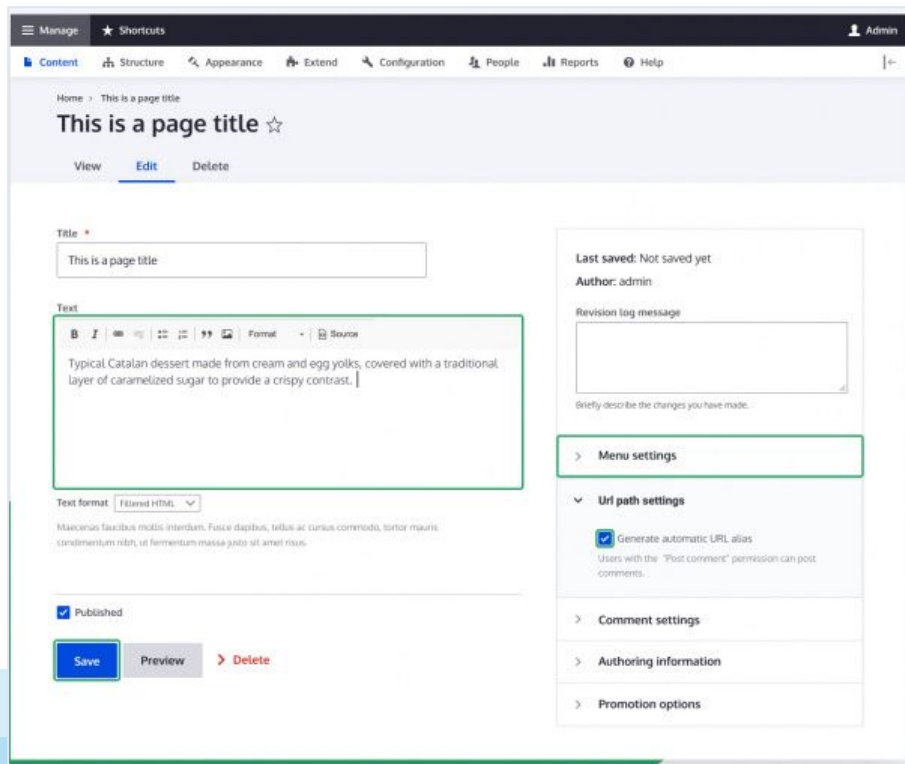
Alignment
 Horizontal
 Vertical



```
... tem div.views-v
Styles Computed
Filter
element.style {
}
img {
  max-width: 100%;
  height: auto;
}
img[Attributes St
```

- A new format for Views, using modern CSS
- Provides configuration options for grid layout when creating a view
- An approach so innovative, it got published in [CSS Tricks](#)

Claro admin theme

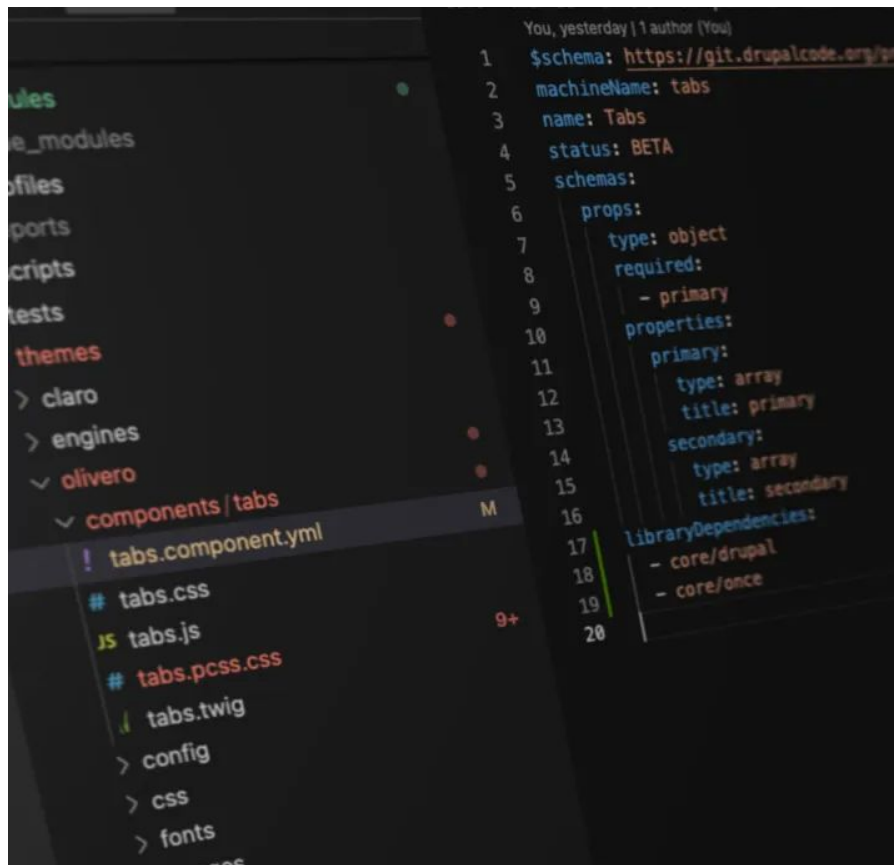


Claro is not just a **new UI for Admin**- but a **design system** with visual and behavioural components and patterns that can be combined into user-friendly user interfaces.

It is **JavaScript-driven & decoupled from Drupal** so can be adapted to your admin requirements needs

Single Directory Components

- Makes starting to use Drupal more intuitive for front end devs
- Customizations more reusable, portable between projects



Updated Interfaces

You can re-use a field from other sub-types of the same entity type. Re-using a field creates another usage of the same field storage.

Filter by field or field type
















Field	Field Type	Summary	Operations
field_recipe_category	Entity reference	Reference type: Taxonomy term Unlimited Used in: Recipe	Re-use
field_difficulty	List (text)	Single value Used in: Recipe	Re-use
field_cooking_time	Number (integer)	Single value Used in: Recipe	Re-use
field_number_of_servings	Number (integer)	Single value Used in: Recipe	Re-use
field_preparation_time	Number (integer)	Single value Used in: Recipe	Re-use
field_recipe_instruction	Text (formatted, long)	Single value Used in: Recipe	Re-use
field_summary	Text (formatted, long)	Single value	Re-use

- Selecting a new field (10.2)
- Reusing an existing field
- Bulk content operations

Updated Interfaces

Label *

Choose a type of field *

 <p>Plain text Text field that does not support markup.</p> <input type="radio"/>	 <p>Formatted text Text field with markup support and optional editor.</p> <input type="radio"/>	 <p>Number Field to store number. I.e. id, price, or quantity.</p> <input type="radio"/>
 <p>File upload Field to upload any type of files.</p> <input type="radio"/>	 <p>Reference Field to reference other content.</p> <input type="radio"/>	 <p>Media Field to reference media. Allows uploading and selecting from uploaded media.</p> <input type="radio"/>
 <p>Selection list Field to select from predefined options.</p> <input type="radio"/>	 <p>Date and time Field to store date and time values.</p> <input type="radio"/>	 <p>Test field item A field containing a plain string value.</p> <input type="radio"/>
 <p>Test serialized field item A field containing a serialized string value.</p> <input type="radio"/>	 <p>Test serialized property field item A field containing a string representing serialized data.</p> <input type="radio"/>	 <p>Boolean Field to store a true or false value.</p> <input type="radio"/>
 <p>Comments This field manages configuration and presentation of comments on an entity.</p> <input type="radio"/>	 <p>Email Field to store an email address.</p> <input type="radio"/>	 <p>Link Stores a URL string, optional varchar link text, and optional blob of attributes to assemble a link.</p> <input type="radio"/>

A woman with dark hair pulled back, wearing a light blue button-down shirt with a lace-like pattern on the chest, is seated in a library. She is wearing white earbuds and looking off to the side while holding a smartphone in her hands. The background shows bookshelves filled with books, and the lighting is soft and natural.

**Drupal Is
Inclusive**

Accessibility

Automated Testing

Drupal uses automated testing extensively. Tools used include WebAIM's WAVE, Deque's Axe and Microsoft's Accessibility Insights. As automated tools and checklists have limitations, manual testing and input from users with lived experience is required to build an inclusive experience.

Accessibility Team

All of these are supported by Drupal's accessibility team, which has worked to identify and resolve accessibility barriers. Any actively developed software will have some accessibility barriers, the challenge is to proactively identify those issues and ensure that they are resolved quickly, which the Accessibility Team is dedicated to.

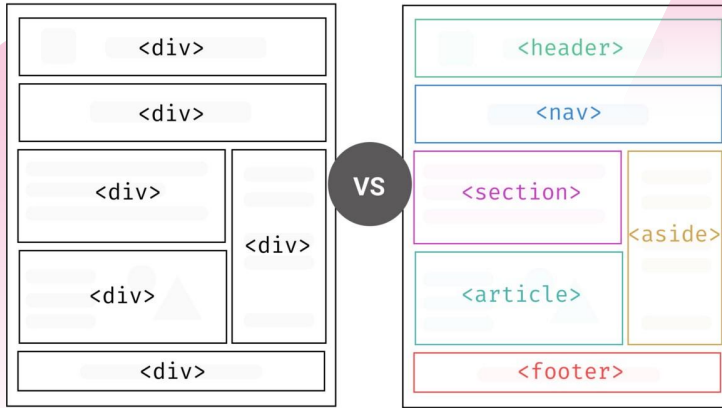
HTML and ARIA

Drupal semantics are defined with modern HTML5 and WAI Rich Internet Applications (WAI-ARIA or ARIA). Drupal uses ARIA landmarks to highlight the page regions and tries to limit the use of ARIA where possible. HTML generally provides more consistent support with assistive technologies.

Core Modules and Themes

Drupal Core is built to be a platform that is accessible by default. This means that features specifically designed to support accessibility are typically enabled and Drupal Core themes have been developed with accessibility in mind.





Ambiguous Sections

Clear Sections

Accessibility:

Assistive Technology

Drupal encourages and supports the proper use of semantic markup, the best way to produce robust experiences that adapt to individual users' assistive technologies (AT). Testing with assistive technologies is primarily done with NVDA and VoiceOver.



Drupal Is Made for Creators



CKEditor5

CK5 **Standard features** are included in Drupal 10 Core. It features an **improved UX** and is designed to be extensible and work with modern JS frameworks.

CK5 also includes **Premium (paid-for) features** such as **Real-time Collaboration**, **Comments & track changes** and **Revision History**. Drupal <> CK5 collaboration provides an auto migration tool.

The screenshot displays the CKEditor5 interface with several key features highlighted:

- Track changes:** A floating panel on the left shows a green toggle switch for "Track changes", along with "Accept all suggestions" and "Discard all suggestions" buttons.
- Revision history:** A panel on the right titled "Revision history" shows a list of revisions. The most recent is highlighted in blue: "Proofreading changes" by Michael West on February 10, 1:06 PM. Below it, another revision is shown: "Added section 7 & signatu" by John Smit on April 12, 8:29 PM. A context menu is open over the John Smit revision, showing options: "Compare agaomst selected", "Restore this version", and "Name this version".
- Comments:** A comment thread is visible below the text. It includes a comment from Monica (Yesterday 14:11) asking "Can we change this title?" and a reply from Michal (Today 09:25) asking "Could you explain why?". A "2 Comments" indicator is shown.
- Text Editor:** The main editor area shows a paragraph with yellow highlights under "cutting-edge" and "It's also a top destination for filmmakers". The top toolbar includes options for Paragraph, AI, A^x, Bold (B), Italic (I), Underline (U), Strikethrough (S), and other editing tools.

Premium Features

The screenshot displays the Drupal 10 CKEditor 5 interface. At the top, there is a navigation bar with 'Manage', 'Shortcuts', and 'admin' (user profile). Below this is a secondary menu with 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', 'People', 'Reports', and 'Help'. The main editor area is titled 'Body' and contains the text: 'Hello Drupal Community!!!!!!', 'Here are some simple examples of how we collaborate in Drupal 10.', and a table of features. The table has two columns: the first column lists the feature name, and the second column describes it. A yellow border highlights the table area. On the right side of the editor, there are two chat icons with green notification bubbles.

CKEditor 5 Collaboration Features	
I	View, compare, and restore document versions
	Suggest, accept, or reject changes in content.
Comments	Add, edit or delete comments or create longer comment threads.

Autoformat

Body ([Edit summary](#))

B *I* [🔗](#) [☰](#) [☰](#) [☰](#) [☰](#) [☰](#) Paragraph [☑](#) [☑](#) Source

POWERED BY CKEditor

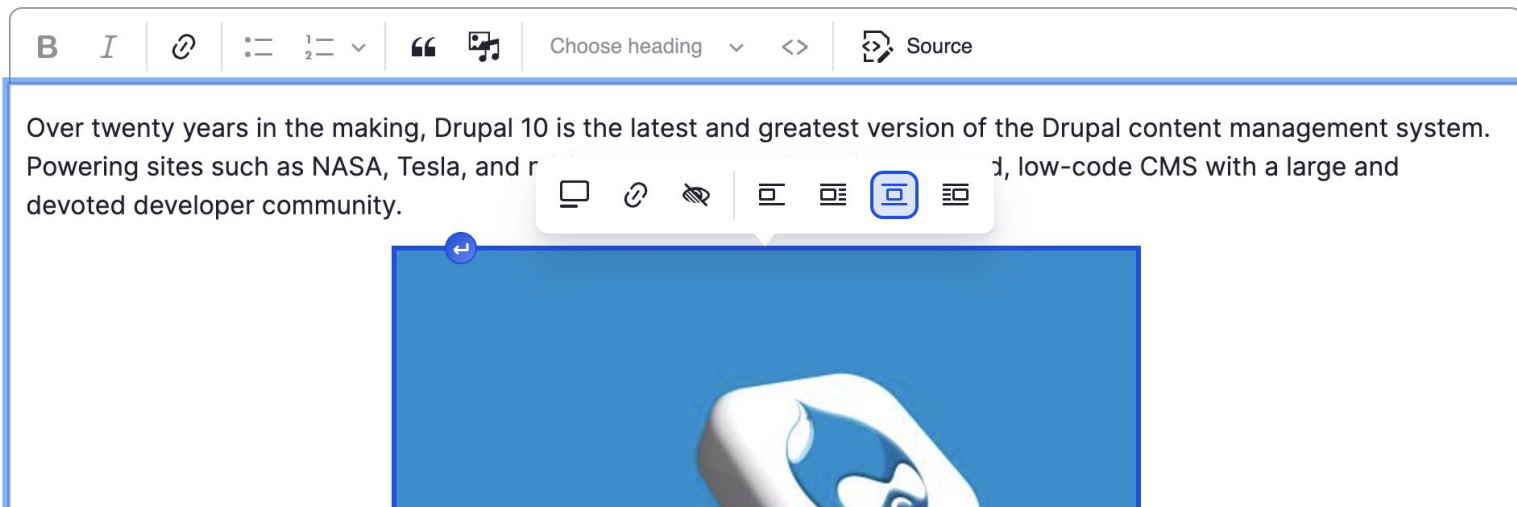
Text format

[About text formats](#)

Media integration

Media Integration

The Drupal media integration has been rebuilt to **match the CKEditor5 experience**, embedded media settings can now be **edited inline in the editor**. A user can **directly upload images by dragging and dropping** them to CKEditor5. Changes to the embedded media can be seen in the preview immediately.





Drupal Is **Secure**

Automatic Updates

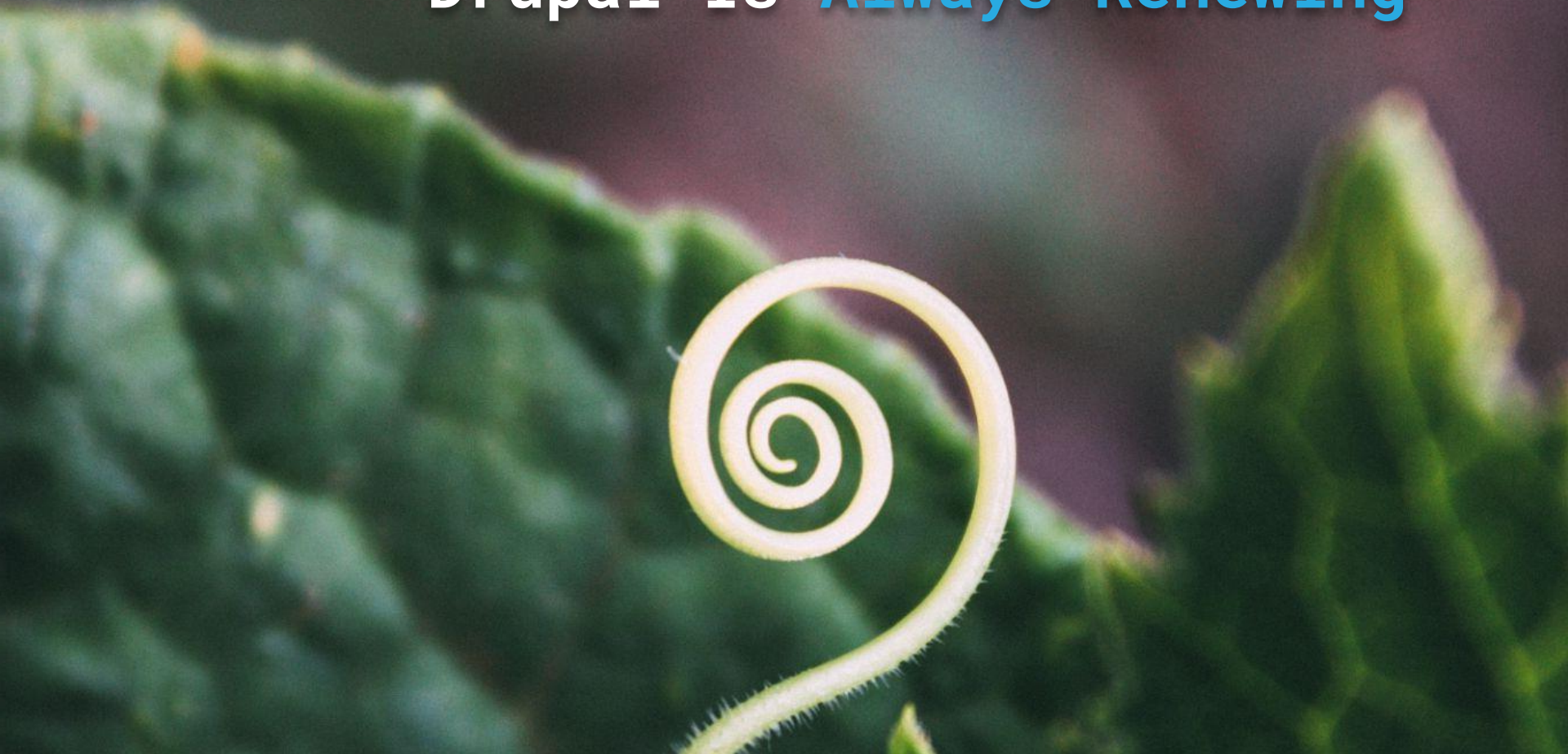
Benefits

- Runs in sandbox
- Can copy assets from production site to provide confident upgrade
- Can update D9/10 minor versions
- Applies patches, helps with DB updates
- Provides API to hook into – useful with CI/CD pipelines

Limitations:

- Not compatible with git deployment workflows. You need to run locally and deploy changes
- Multisites not supported

Drupal Is Always Renewing



Modernised Platform

From an enterprise point of view the changes provide benefits to developers working on Drupal.

D10 is built on the latest stable versions of PHP (8.1) and Symphony (6.2) - ensuring long term support.

PHP VERSION RELEASE CALENDAR



KEY

- Active support** A release that is being actively supported.
- Security fixes only** A release that is supported for critical security issues only.
- End of life** A release that is no longer supported.

Streamlined core

MODULES MOVED	THEMES MOVED
Quickedit	Bartik
Aggregator	Seven
HAL	Classy
RDF	Stable
Color	
CKEditor 4	

- Many deprecated modules have been removed entirely
- Some features have been moved from core into contrib area eg RSS Aggregator

This means less code to maintain and fewer security patches

Drupal Is A Hotbed for Innovation



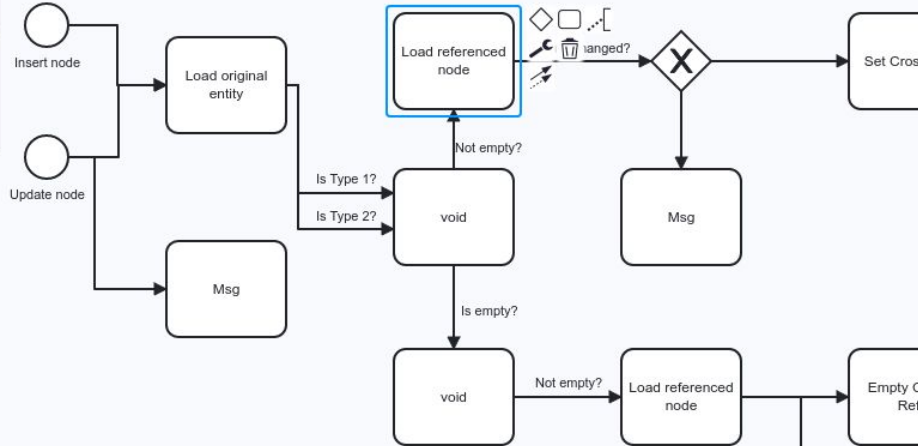


Cross references ECA Model ☆

Save **Close**



Browse available tokens.



ENTITY: LOAD VIA REFERENCE
Load referenced node

General

Template **Applied**

Custom properties

Name of token
refentity

Field name entity reference
field_other_node

Load entity from
Current scope

Entity type
- None chosen -

Entity ID
Empty C Ref

Revision ID

Language
Interface language

Load latest revision
no

Load unchanged values



OHO U Drupal Healthcare Conference 2023

Back to site | Add content | Shortcuts | admin

Create Event ☆

Published

Title *

When

2023-07-13

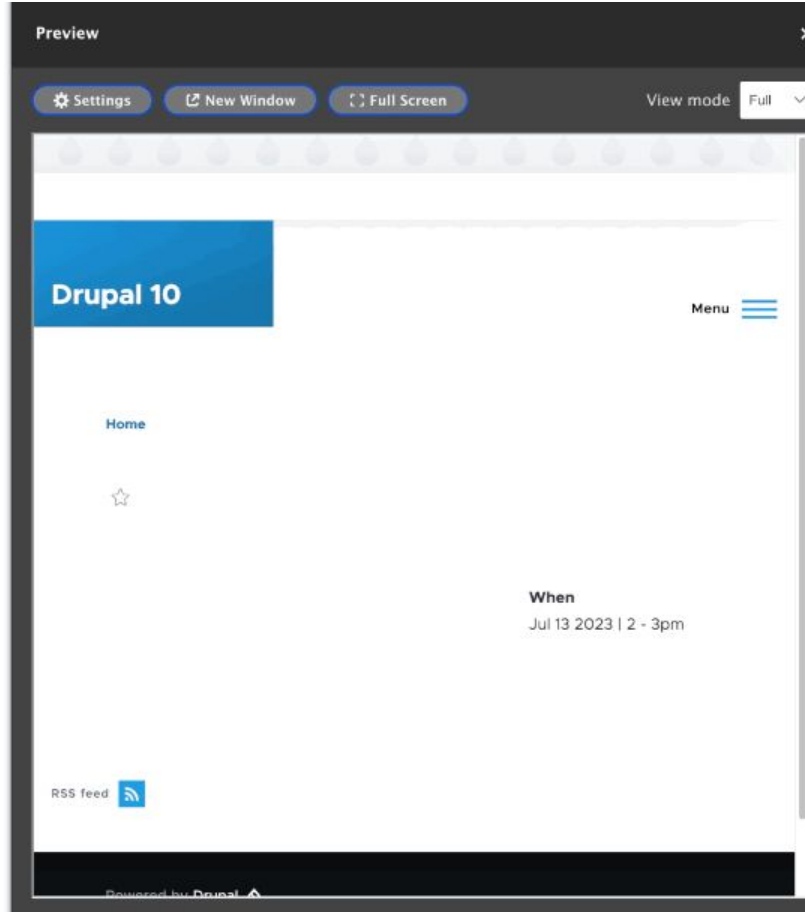
02:00 PM to 03:00 PM

All day Duration 1 hour

Add another item

Body (Edit summary)

Paragraph Source



- Menu settings
Not in menu
- Meta tags
- Analyze text
- Adjust content tone
- Summarize text
- Suggest content title**
- Choose field
Body
- Select what field you would like to use.
- OpenAI can try to suggest an SEO friendly title from the selected field.
- Suggest title
- Suggest taxonomy**
- Choose field
Body
- Select what field you would like to suggest taxonomy from.
- OpenAI can attempt to suggest possible classification terms to use as taxonomy.
- Suggest taxonomy
- Scheduling options
Not scheduled
- Simple XML Sitemap
- URL alias
Automatic alias
- Authoring information
By alan.botwright (46) on 2023-07-05

Save

Create Article ☆

Title *

Body (Edit summary) *

B *I* U X^2 X_2 Paragraph Source OpenAI

OpenAI status: idle [About text formats](#)

Text format: **Filtered HTML**

Language: **English**

Display Author:

Media

Image

No media items are selected.

Add media

One media item remaining.

Taxonomy

Categories

- None -
- Design
- Engineering
- Software
- Technology

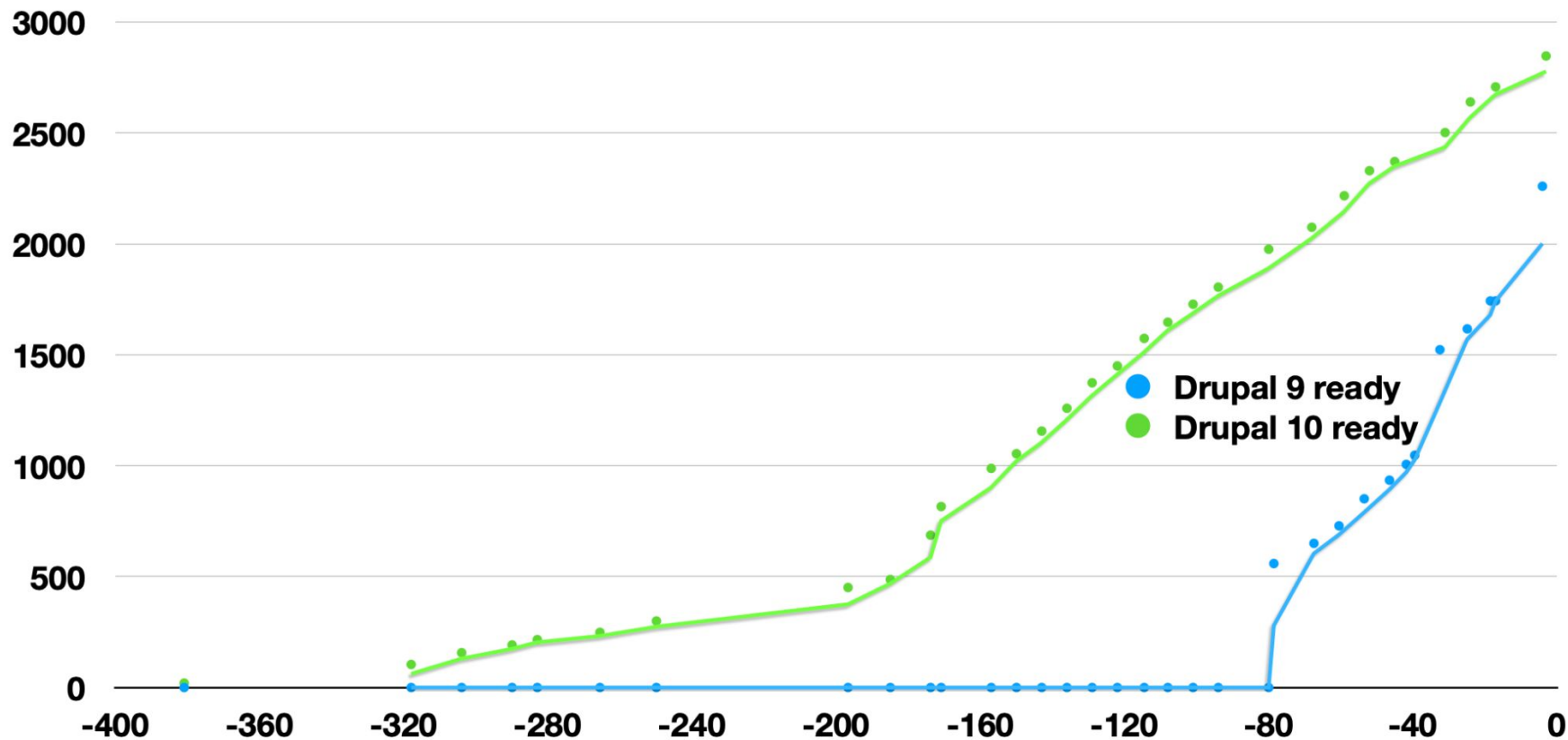
Tags

Thank you!

@mandclu

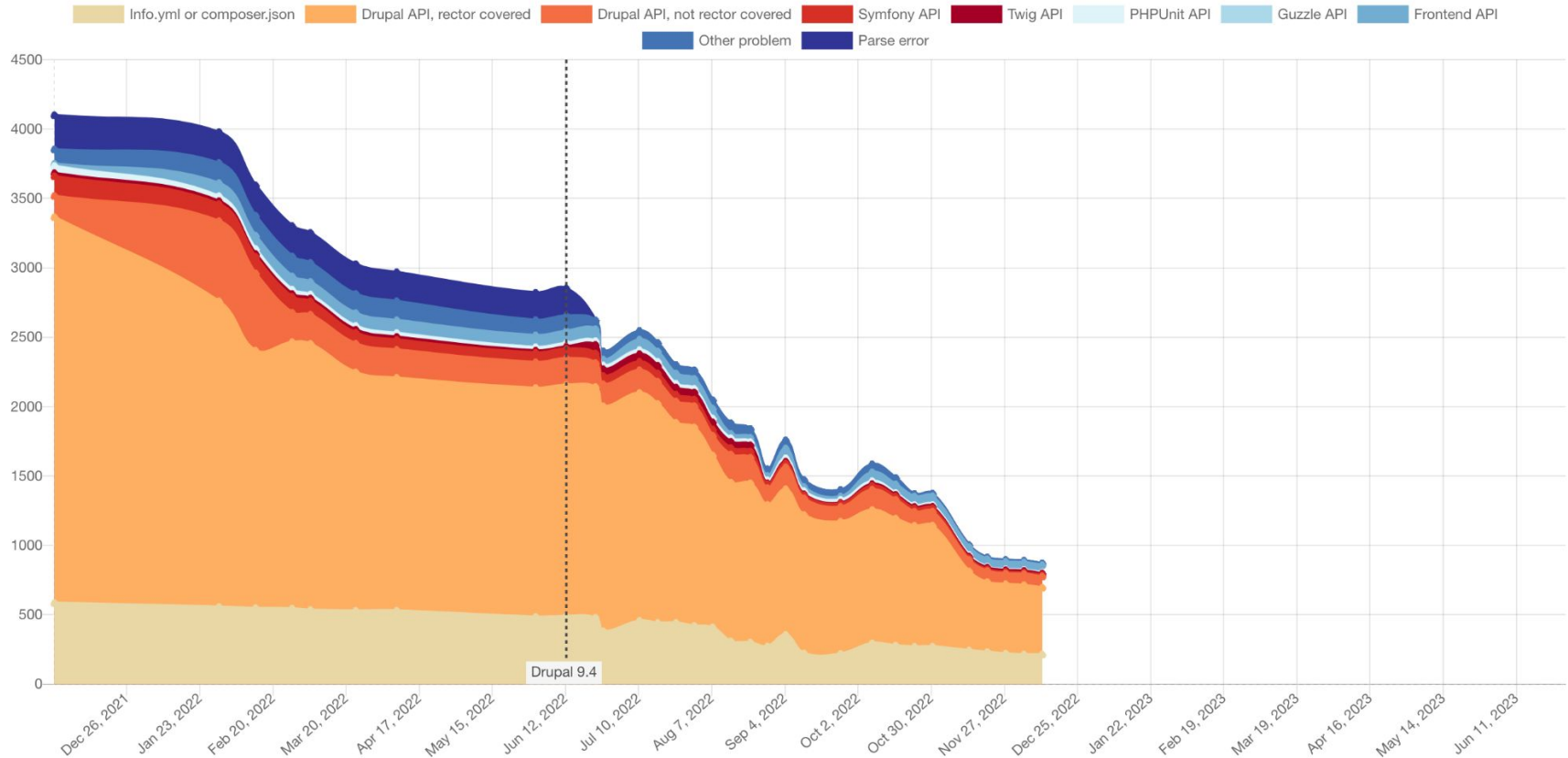
ACQUIA

Drupal major version extension readiness based on days left to the stable major core release

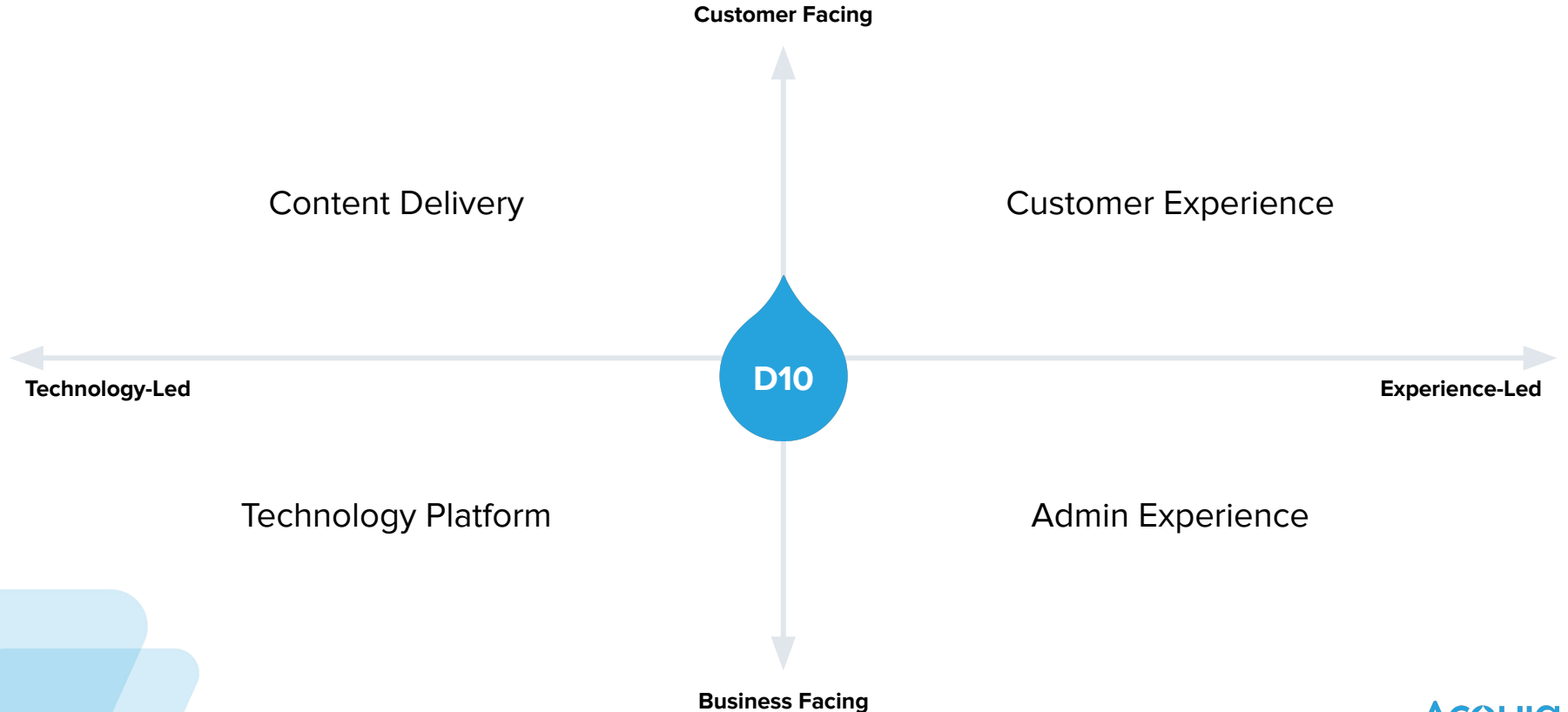


Top 200 drupal.org contributed projects' errors by fixability over time

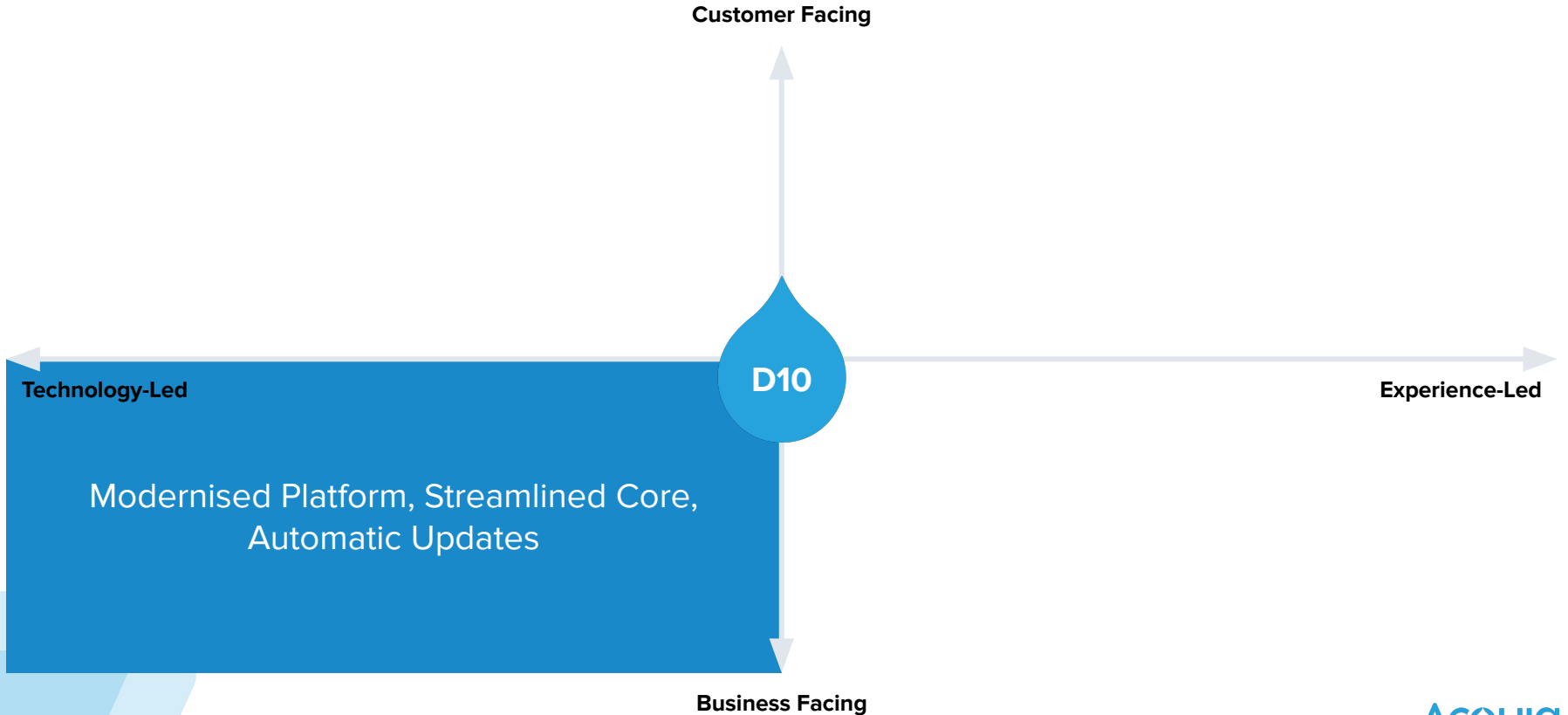
[Use drupal-rector](#) to fix rector-covered errors. [Help expand rector coverage](#) to make all our lives easier.



Mapping the Value



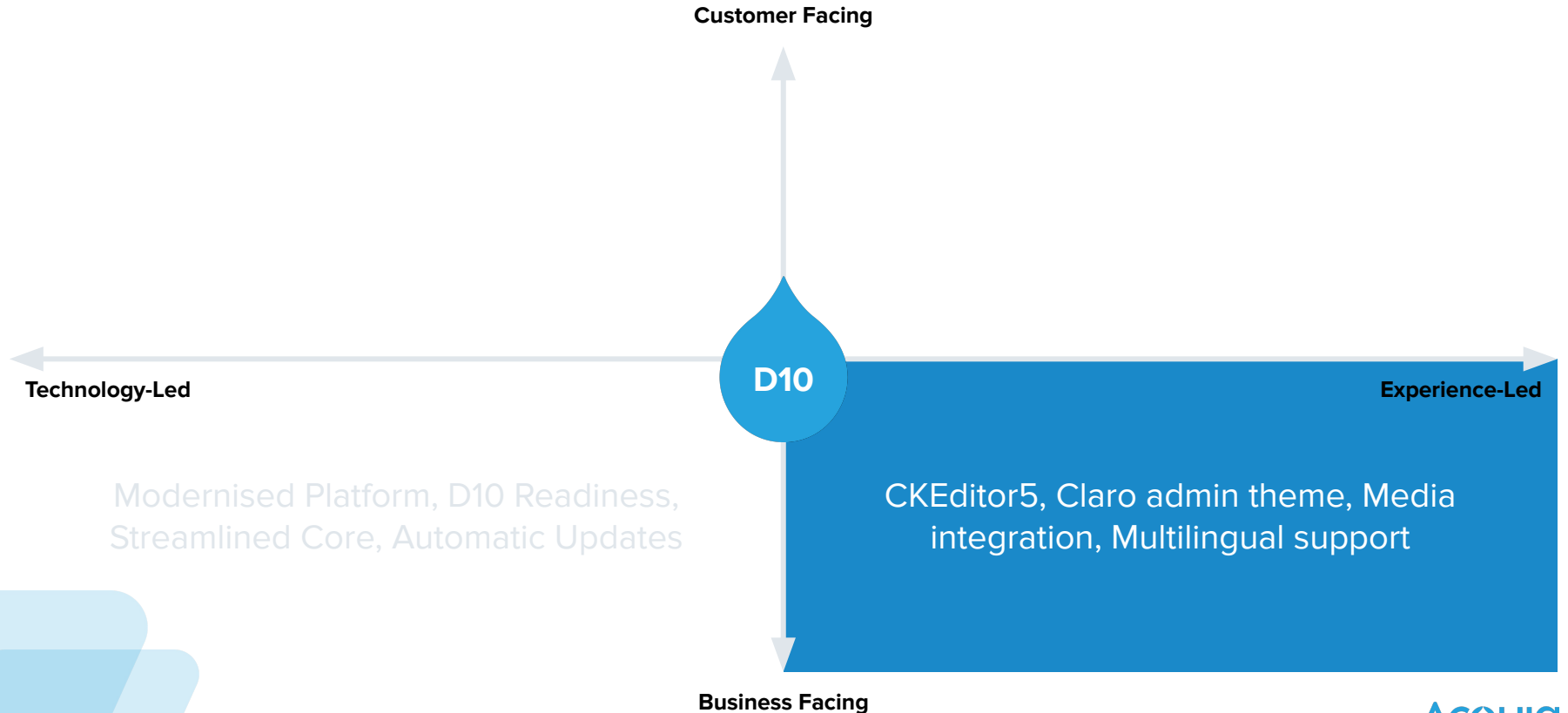
Technology Platform



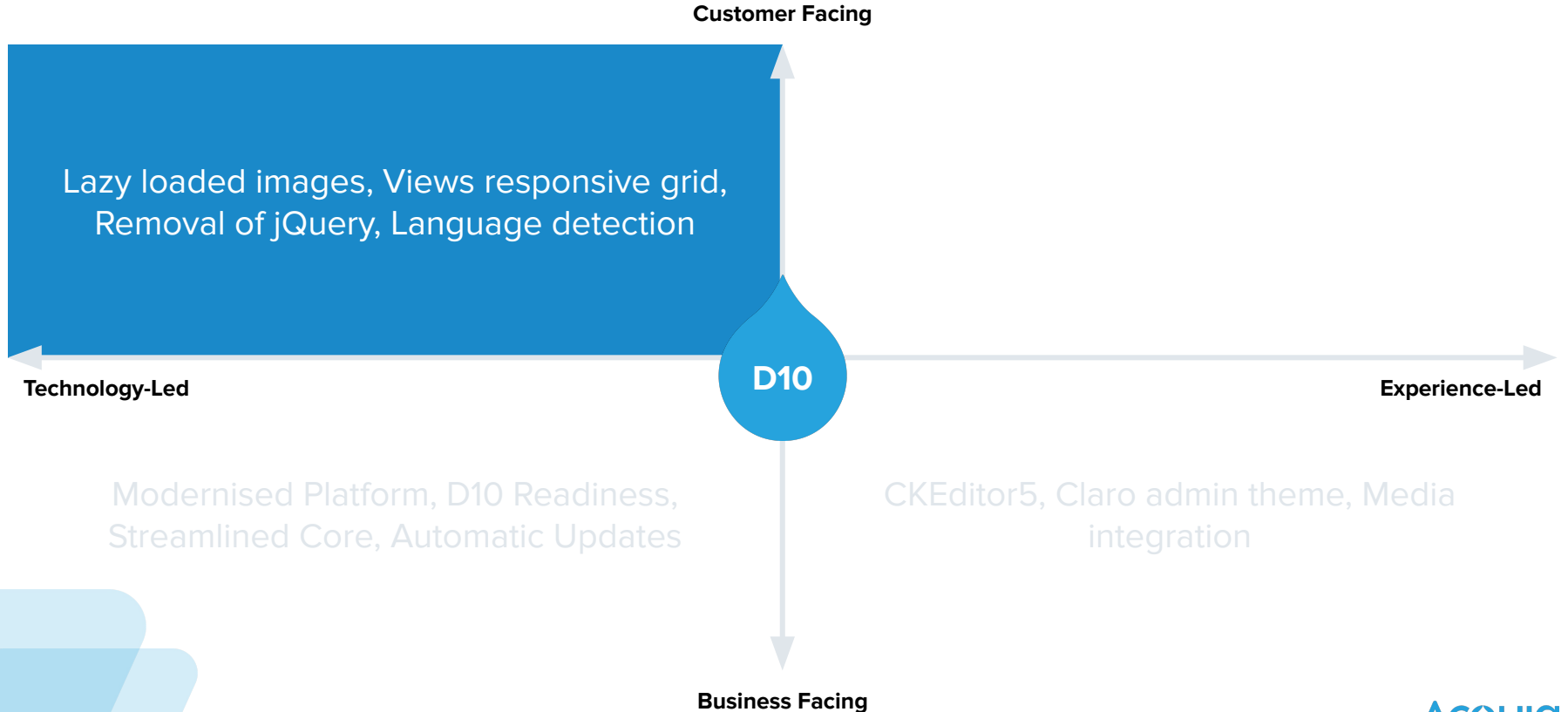
New in 10.1

- Update to Symfony 6.3
- Fixes the 2038 Problem
- Automated A11y tests in Nightwatch

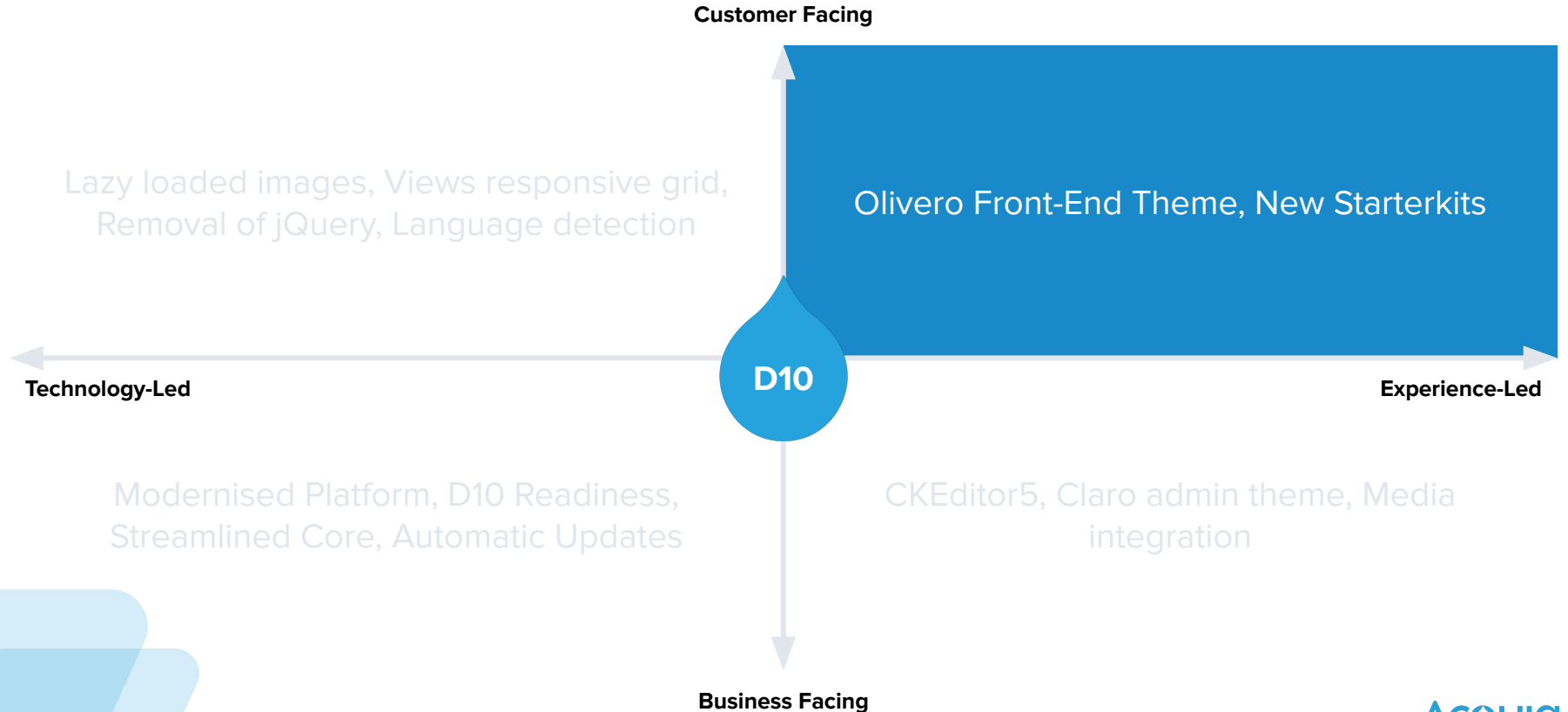
Admin Experience



Content Delivery



Customer Experience



Future Considerations