



Australian Government



GovCMS

D10 Information Session

We will commence at 11:05am

Please mute your microphones. This session will be recorded.

- Purpose
- Objectives
- Approach
- Process
- Open Discussion



Please mute your microphones. This session will be recorded.

PURPOSE

Why are we doing an upgrade ?

- D9 will be End of Life November 2023
- It has a hard upstream dependency on Symfony which in End of Life November 2023
- [Drupal South 2021 Keynote: Drupal 10 and Beyond - Lee Rowlands](#)

REF: <https://www.youtube.com/watch?v=Q8-I-fhVTUg&t=529s>

OBJECTIVES

1. Create the D10 Distribution
2. Create a path for a smooth transition for D9 to D10

For over 100 agencies

~ 300 SaaS sites & 100 PaaS sites

9 to 10: Proposed approach

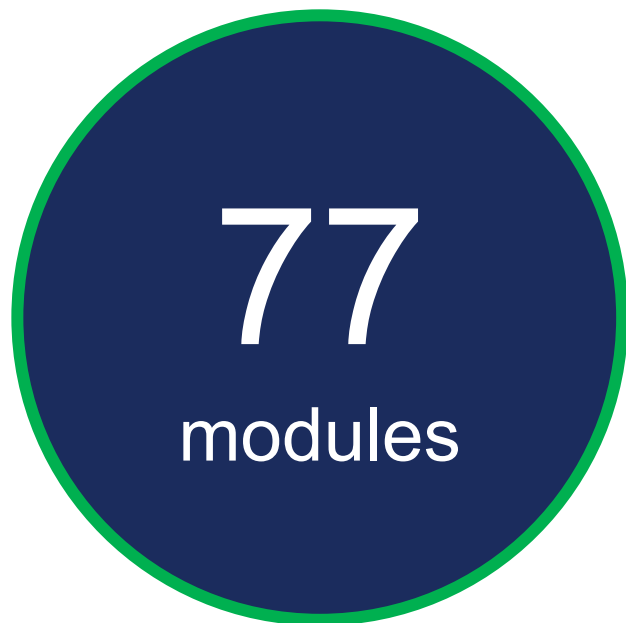


9 to 10: Proposed approach



Developing the D10 distro

Module Progress



Loading ... 84% Distribution is D10 Compatible



Critical modules



High modules



Medium modules



Modules planning to be removed

D9-D10 DISTRO CONSIDERATIONS

@2.30.0
1 May

61 Ready		16 D10 available	4 Critical	8 High	1 Medium	8 Remove
address	linkit	config_ignore	security txt (dev)	webform (6.2.0-beta5)		ga_login (TFA)
admin_toolbar	media_entity_file_replace	config_split	tfa (2.0.0-alpha2)	entity_embed (dev)		block_place
chosen	media_file_delete	dynamic_entity_reference	config_update (2.0.0-alpha2)	config_perms (dev)		features
config_filter	menu_trail_by_path	focal_point	captcha (2.0.0-beta1)	context (5.0.0-rc1)		video_embed_field (avail)
consumers	metatag	linked_field		bigmenu (2.0.0-rc3)		adminimal_theme
contact_storage	migrate_file	login_security				adminimal_admin_toolbar (dev)
crop	migrate_plus	menu_block		CKAN Connect (SaaS+)		
ctools	migrate_source_csv	minisite		DVF (SaaS+)		
devel	migrate_tools	Page Manager (SaaS+)		Migrate Cron (SaaS+)		
diff	modifiers	Permissions By Term (SaaS+)				
dropzonejs	module_permissions	scheduled_transitions				
ds	paragraphs	swiftmailer				
embed	password_policy	update_notifications_disable				
encrypt	pathauto					
entity_browser	real_aes					
entity_class_formatter	recaptcha					
entity_hierarchy	redirect					
entity_reference_display	rest_menu_items					
entity_reference_revisions	robotstxt					
environment_indicator	role_delegation					
facets	search_api					
field_group	search_api_attachments					
google_analytics	search_api_solr					
GovCMS Consultation	seckit					
govcms_dlm (FINANCE)	shield					
govcms_security (FINANCE)	simple_oauth					
honeypot	simple_sitemap					
inline_entity_form	token					
key	twig_tweak					
layout_builder_modal	username_enumeration_prevention					
layout_builder_restrictions						

2
Deprecated

panels (avail)

Panelizer (dev)

2
Deprecated








panels (avail)

Panelizer (*dev*)

D10 DISTRIBUTION

61 Ready			14 D10 available	7 D10 non-stable available	7
address	field_group	module_permissions	config_ignore	tfa (2.0.0-alpha2)	security txt (dev)
admin_toolbar	google_analytics	paragraphs	config_split	config_update (2.0.0-alpha2)	entity_embed (dev)
chosen	GovCMS Consultation	password_policy	dynamic_entity_reference	captcha (2.0.0-beta1)	config_perms (dev)
config_filter	govcms_dlm (FINANCE)	pathauto	focal_point	webform (6.2.0-beta5)	panelizer (dev)
consumers	govcms_security (FINANCE)	real_aes	linked_field	context (5.0.0-rc1)	
contact_storage	honeypot	recaptcha	login_security	bigmenu (2.0.0-rc3)	CKAN Connect (SaaS+)
crop	inline_entity_form	redirect	menu_block	components (3.0.0-beta3)	DVF (SaaS+)
ctools	key	rest_menu_items	minisite		Migrate-Cron (SaaS+)
devel	layout_builder_modal	robotstxt	Page Manager (SaaS+)		
diff	layout_builder_restrictions	role_delegation	Permissions By Term (SaaS+)		
dropzonejs	linkit	search_api	scheduled_transitions		
ds	media_entity_file_replace	search_api_attachments	swiftmailer		
embed	media_file_delete	search_api_solr	update_notifications_disable		
encrypt	menu_trail_by_path	seckit	panels		
entity_browser	metatag	shield			
entity_class_formatter	migrate_file	simple_oauth			
entity_hierarchy	migrate_plus	simple_sitemap			
entity_reference_display	migrate_source_csv	token			
entity_reference_revisions	migrate_tools	twig_tweak			
environment_indicator	modifiers	username_enumeration_prevention			
facets					
			70%	84%	92%

ALLEVIATE THE LAST CONCERNS

	Security txt	D10 patch available
	Entity Embed	D10 patch available
	Panelizer	D10 patch available
	DVF	D10 version in progress
	CKAN Connect	D10 version in progress
	Migrate Cron	Validate usage on sites
	Config Perm	Removed

GovCMS Contributed Modules Going, Going, Going and Gone

Going *deprecated*

- Panels
- Panelizer
 - Functionally replaced by Layout Builder
- D10 onwards: fresh installs no longer available
- D9 upgrade: will be a pathway to D10

Going *work in progress*

- Video Embed Field
 - Functionality moved to Drupal Core
- Adminimal theme & toolbar
 - Replaced by **Claro**

Going *almost out the door*

- Features
- Block Place
 - Step 1 of 2 removal in 2.30.0 release

Gone

- GA Login
 - Removed in 2.27.0
 - Replaced by TFA

Deprecated and Obsolete Drupal Core Modules

<https://www.drupal.org/docs/core-modules-and-themes/deprecated-and-obsolete>

Deprecated Themes

- Bartik
- Classy
- Seven
- Stable

Deprecated Modules

- Aggregator
- CKEditor4
- Color
- HAL
- Quick Edit
- RDF

Obsolete Modules

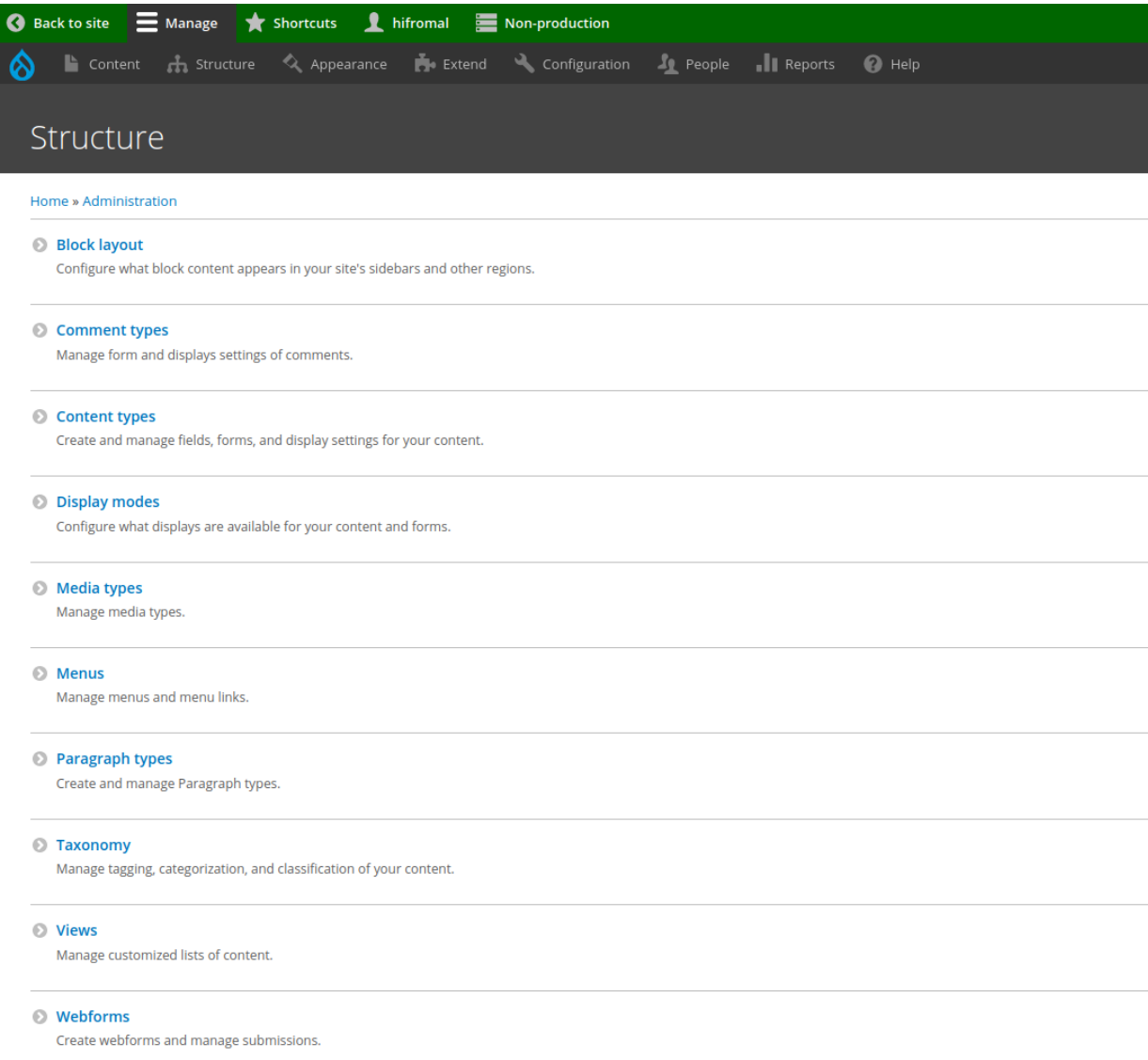
- Migrate Drupal Multilingual
- Entity Reference
- Simple Test

Upcoming Deprecations

- Activity Tracker
- Forum

Out with the old – in with the new

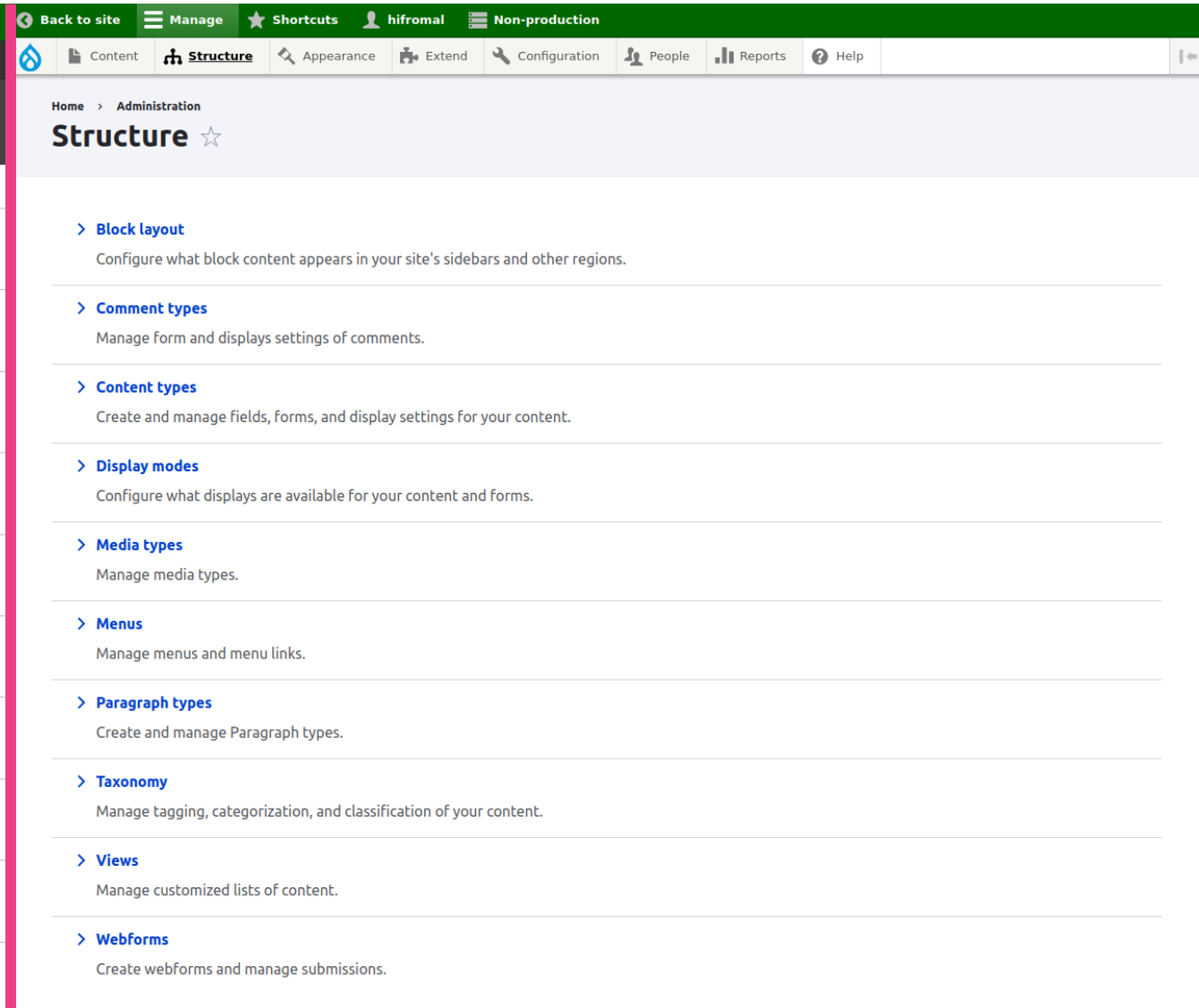
Adminmal Theme



The Adminmal Theme interface features a green top navigation bar with links for 'Back to site', 'Manage', 'Shortcuts', 'hifromal', and 'Non-production'. Below this is a dark grey sidebar with icons for 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', 'People', 'Reports', and 'Help'. The main content area has a dark grey header with the word 'Structure'. The body contains a list of administrative options, each with a chevron icon, a title, and a brief description.

- [Block layout](#)
Configure what block content appears in your site's sidebars and other regions.
- [Comment types](#)
Manage form and displays settings of comments.
- [Content types](#)
Create and manage fields, forms, and display settings for your content.
- [Display modes](#)
Configure what displays are available for your content and forms.
- [Media types](#)
Manage media types.
- [Menus](#)
Manage menus and menu links.
- [Paragraph types](#)
Create and manage Paragraph types.
- [Taxonomy](#)
Manage tagging, categorization, and classification of your content.
- [Views](#)
Manage customized lists of content.
- [Webforms](#)
Create webforms and manage submissions.

Claro



The Claro Theme interface features a green top navigation bar with links for 'Back to site', 'Manage', 'Shortcuts', 'hifromal', and 'Non-production'. Below this is a light grey sidebar with icons for 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', 'People', 'Reports', and 'Help'. The main content area has a light grey header with the word 'Structure' and a star icon. The body contains a list of administrative options, each with a chevron icon, a title, and a brief description.

- [Block layout](#)
Configure what block content appears in your site's sidebars and other regions.
- [Comment types](#)
Manage form and displays settings of comments.
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SaaS Process

Preparation

1. Identifying d10 theme compatibility issues
2. Previews
e.g. Bootstrap Barrio
and 9.5 & CK Editor 5
3. Automation Smoke Testing

Automations

1. Create D10 feature branch
2. Identify and fix any issues
3. Merge D10 website to become LIVE

Preparation : identifying d10 compatibility issues

- [internal/drupal-10-compatibility](#) branches in GitLab
- **NOT** an additional environment
- GovCMS Service Desk account running CI process multiple times
- Continually iterating to find new and improved automated fixes
- No fixes will be applied at this stage

Preparation : identifying d10 theme compatibility issues

Great News

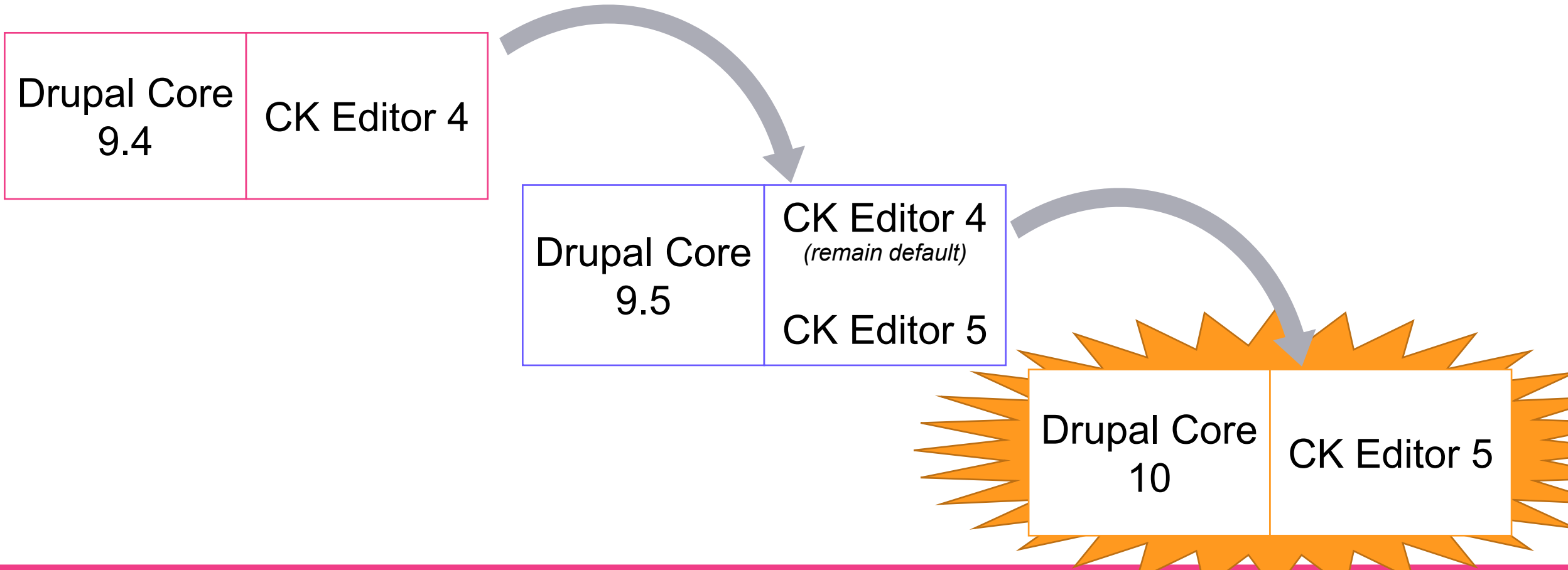
We've completed identifying D10 theme compatibility issues

- Initially 3,000 issues were identified across 298 sites
- 1/3 were Bootstrap Barrio issues – Preview in Dec
- 1,500 were common issues - provide automation scripts to reach a D10 for your website
- Remaining 500 issues - they are complex, but minor enough – we will resolve for you



Preparation: Post Drupal Core 9.5 & CK Editor Preview

D10 Distribution Game Plan



Preparation: Post Drupal Core 9.5 & CK Editor Preview

- No D10 Preview
 - Conscience of not having preview overload fatigue
- **Plan:** Upcoming D9 release 2.31.0 currently in regression testing
 - Move to Drupal Core 9.5
 - CKEditor 4 will remain the default
 - CKEditor 5 will be installed in the distribution
 - >> Service Desk Request to enable it on your project <<
 - Allow you to continue testing

Preparation Automation Smoke Testing

The latest round of smoke testing is automations for the modules in the distro being removed:

- *70% of sites are passing*
 - *20% of sites have in-flight remediations in progress*
- = 90% sites are on track to pass with current efforts*

The remaining 10% are known and being triaged for remediation - whether that's automation or manual effort



Preparation Automation Smoke Testing

Who's effort you ask?

“The remaining 10% are known and being triaged for remediation - whether that's automation or manual effort”

→ The goal, as it was in D8-D9, is to minimise the remediation for you as the customer.

But we are getting into snowflake territory

If there is action for you, I will clearly indicate that you prior to your upgrade.

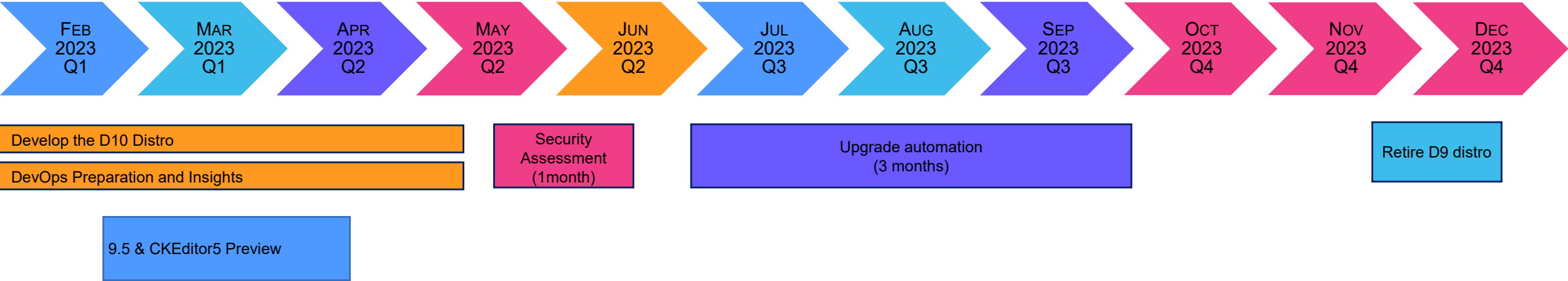


\$\$\$ Costs \$\$\$

- GovCMS aims to minimise this upgrade burden as much as possible
- This distribution upgrade is included in your subscription
- So what's not included?
 - I can not guarantee there will be no cost for you
 - Your developer costs could be:
 - Snowflakes
 - CK Editor 5 transition
 - Customisation / bespoke

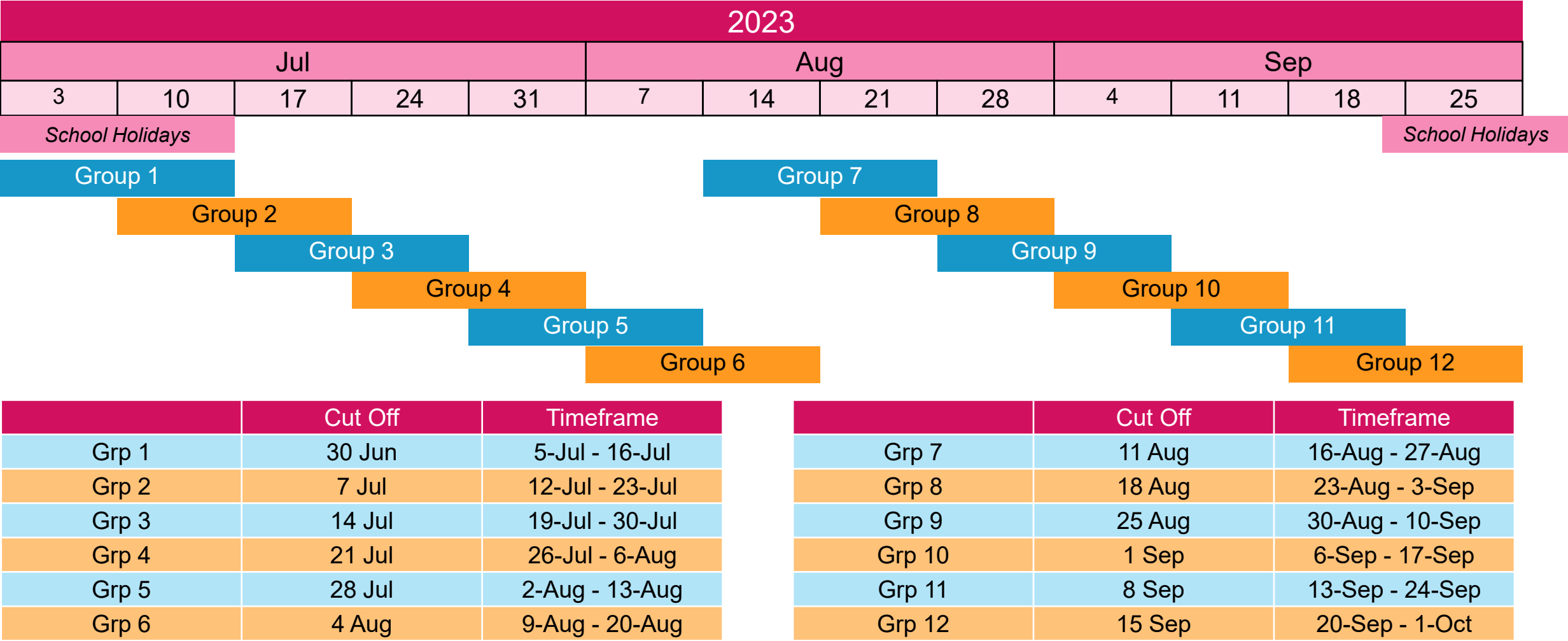


Timeline & Milestones

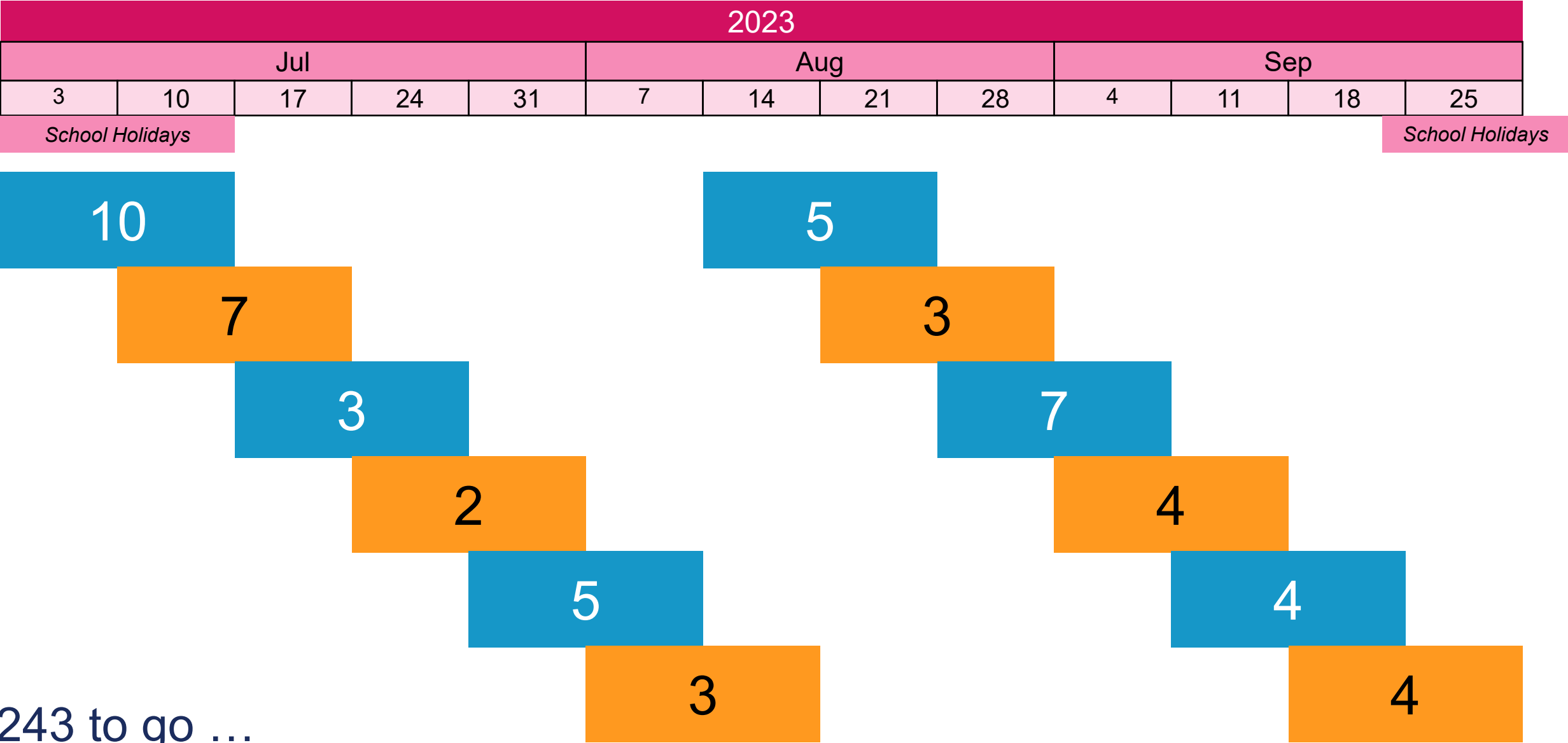


Timeframe	Milestones
10 February	D10 info session
27 February – 14 April 23	9.5 Drupal core & CK Editor Preview ** Timeframe extended **
17 March	D10 info session
3 May	Birthday meetup – D10 info session
End May 23	GovCMS10 Release Candidate
June 23	Security Assessment
End June 23	Drupal 10 Launch
July – September 23	D9-D10 Automations
November 23	D9 End Of Life

9 to 10: Automated Upgrade Timeline



57 out of 300 sites have booked in!



PaaS

Are you:

- Running up to date Drupal Core and modules
 - Using supported PHP versions
 - Patching modules and any custom modules where issues arise
 - Conforming to any maintenance schedules set out by your agency's IT Security policies
 - Aligning to responsibilities in the GovCMS and agency Memorandum of Understanding.
- Are the modules you rely on
 - Drupal 10 ready?
 - Have patches?
 - Need attention?
 - Been deprecated?
 - Are you using our scaffold or running your own distro?
 - What's your timeframe?
 - Do you have resources?
 - What's your plan?

PaaS – What's changing ?

- Enforce compliance with Information Security Manual (ISM)
 - Multi-Factor Authentication on the whole platform for all users accounts
 - Password length & complexity
- Shared responsibility to protect the platform
 - Prevent data breaches e.g Medibank & Optus
- ITSA / CIO / CTO will get a please explain

Control: ISM-1173; Revision: 4; Updated: Sep-21; Applicability: All; Essential Eight: ML2, ML3

Multi-factor authentication is used to authenticate privileged users of systems.

Control: ISM-1504; Revision: 1; Updated: Sep-21; Applicability: All; Essential Eight: ML2, ML3

Multi-factor authentication is used by an organisation's users if they authenticate to their organisation's internet-facing services.

We want to help – But how ??

Challenge:

- When your project is created, the scaffold & distro are a snapshot in time, and you take over ownership & maintainership
- This means that not all PaaS are equal

To give you a head start and a push in the right direction. We could:

- Create automated PRs for you like we've been doing for SaaS ?
 - update image references from 9.x-latest to 10.x-latest
 - perform automated remediation on their custom themes
 - provide a status report on any issues found in their custom modules

The things you would need to do:

- remediate their custom modules
- change their composer.json file to use D10 core and relevant contrib module releases

My Question to you: How else can we help ?

Join us for the next Drupal ACT Meetup (*Hybrid Event*)

Wednesday, 11 July 2023

5:30 PM - 8:30 PM AEST

Hosted by Synergy

15 National Cct, Barton



<https://www.meetup.com/drupalact/events>

1. Book your preferred D9 – D10 SaaS upgrade timeslot NOW
2. end June – Launch of D10 distribution
3. July – September – D9-D10 automated upgrades
4. end November retire D9 distro

Key Takeaways

Questions & Open Discussion



This component will not be recorded

Thanks for joining us today

Email: GovCMS@finance.gov.au

Join GovCMS GovTeams community

Slack: GovCMChat

Service Desk: <https://www.govcms.support/>

Status Page: <https://status.govcms.support/>

