Australian Government

GovCMS

D10 Information Session

- Objectives

- Approach

- Process

- Questions

OBJECTIVES

1. Create the D10 Distribution

2. Create a path for a smooth transition for D9 to D10

   For over 100 agencies

   ~ 350 SaaS sites & 100 PaaS sites
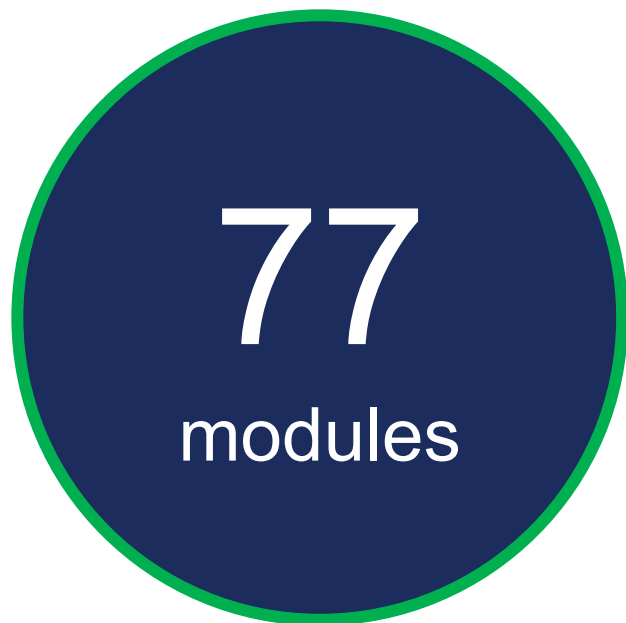
9 to 10: Proposed approach

GovCMS D10 Foundations → Security Assessment → Launch D10 Websites

Stakeholder Engagement

2022   2023

9 to 10: Proposed approach

1 DevOps preparation & insights

2 Develop the D10 distro

3 Security Assessment

4 Launch the distro

5 Automate Upgrading Websites

6 Retire D9 distro

Drupal 10 Foundations

Security Assessment

Websites Launches

Developing the D10 distro
Module Progress

77 modules

Loading ... 84% Distribution is D10 Compatible

4 Critical modules

8 High modules

1 Medium modules

8 Modules planning to be removed

D9-D10 Dıstro Consıderatıons

61		16	4	8	1	8
Ready		D10 available	Critical	High	Medium	Remove

Ready		D10 available	Critical	High	Medium	Remove
address	linkit	config_ignore	security txt *(dev)*	**webform (6.2.0-beta5)**	**components (3.0.0-beta3)**	~~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)*

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			
entity_browser	metatag	shield	panels		
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
Config Perms	
✔ Migrate Cron	Validate usage on sites

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
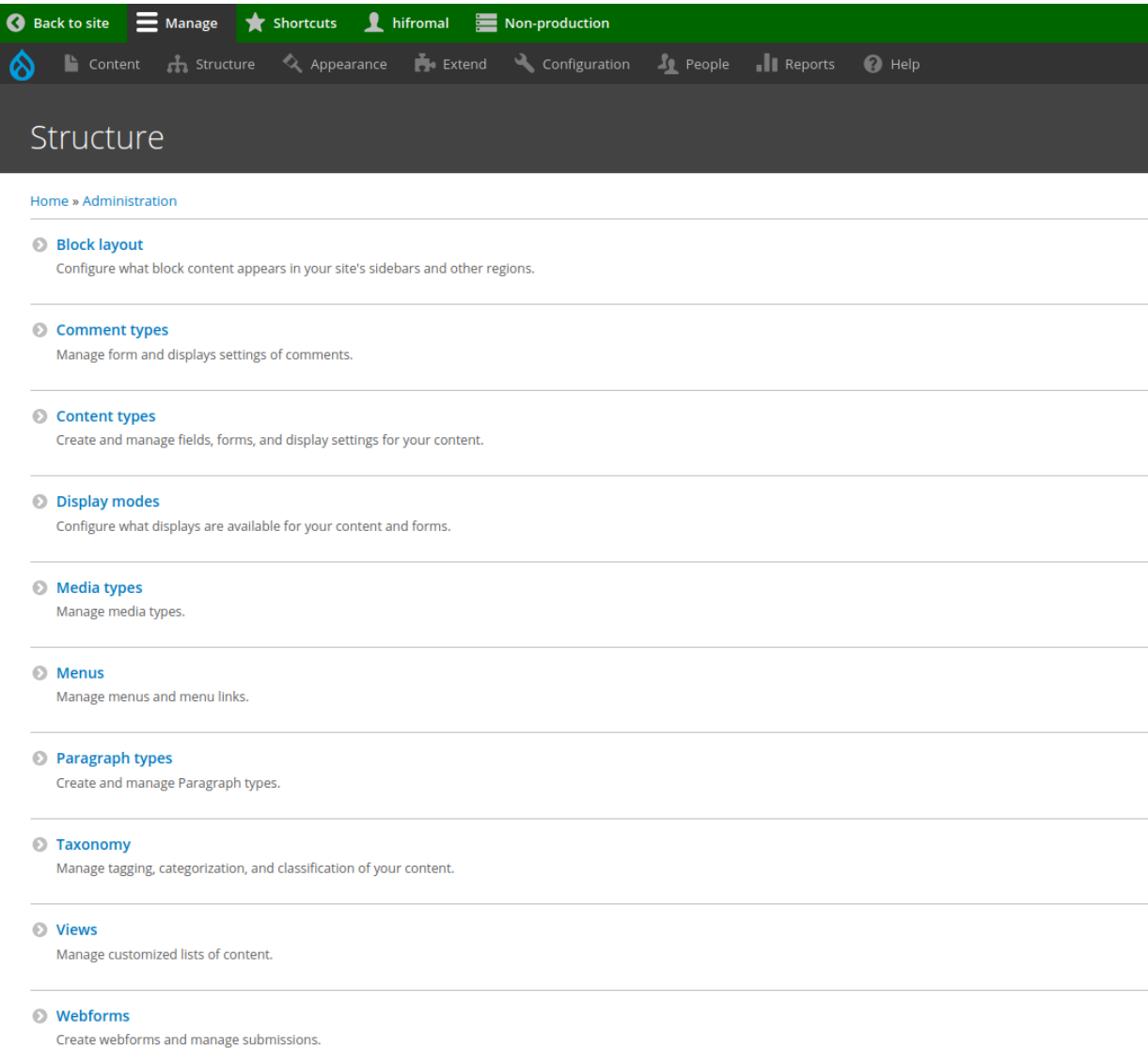
- Migrate Drupal Multilingual
- Entity Reference
- Simple Test

Upcoming Deprecations

- Activity Tracker
- Forum
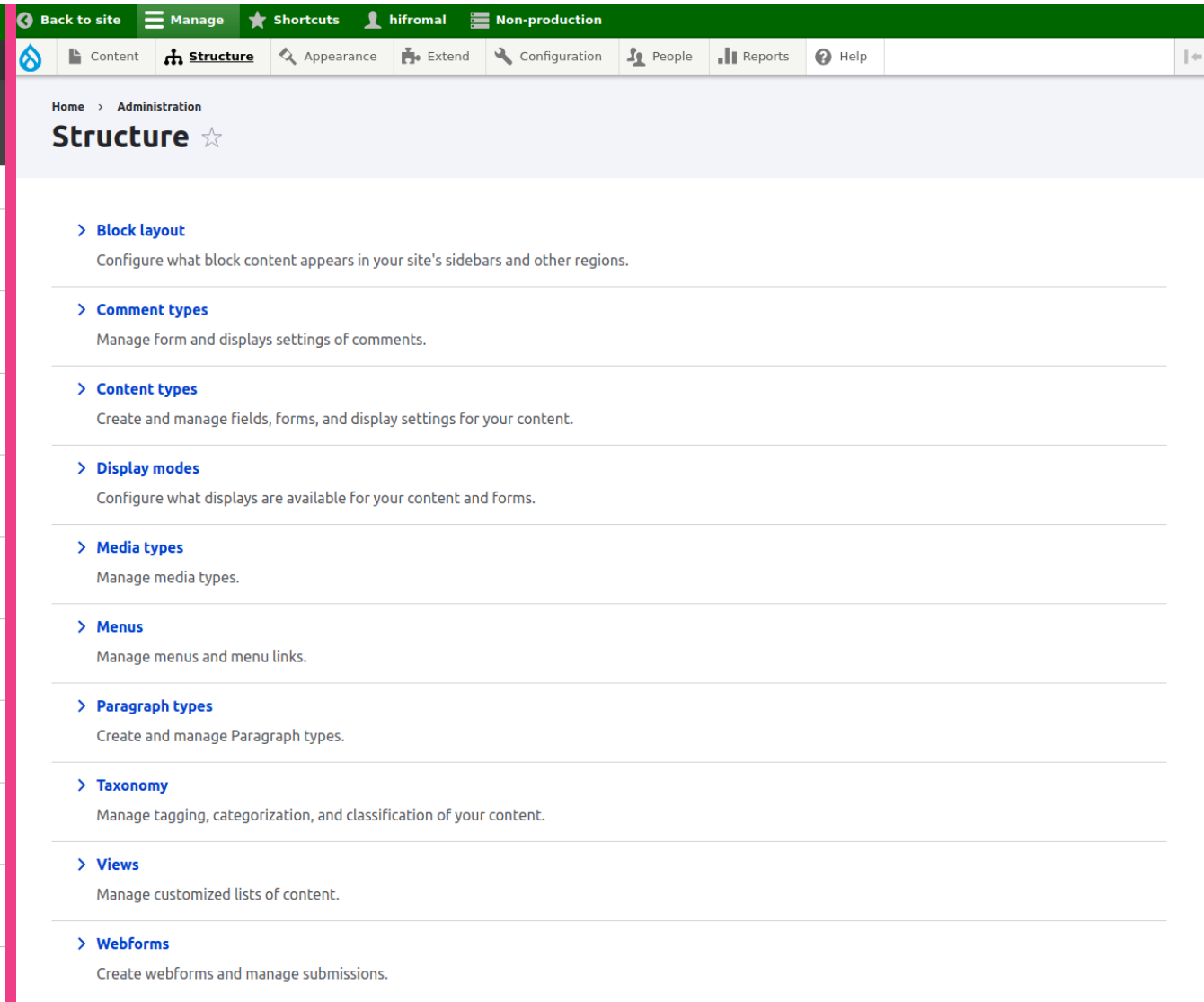
Out with the old – in with the new

Adminmal Theme   **Claro**

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

Drupal Core 9.4	CK Editor 4

Drupal Core 9.5	CK Editor 4 *(remain default)* CK Editor 5

Drupal Core 10	CK Editor 5
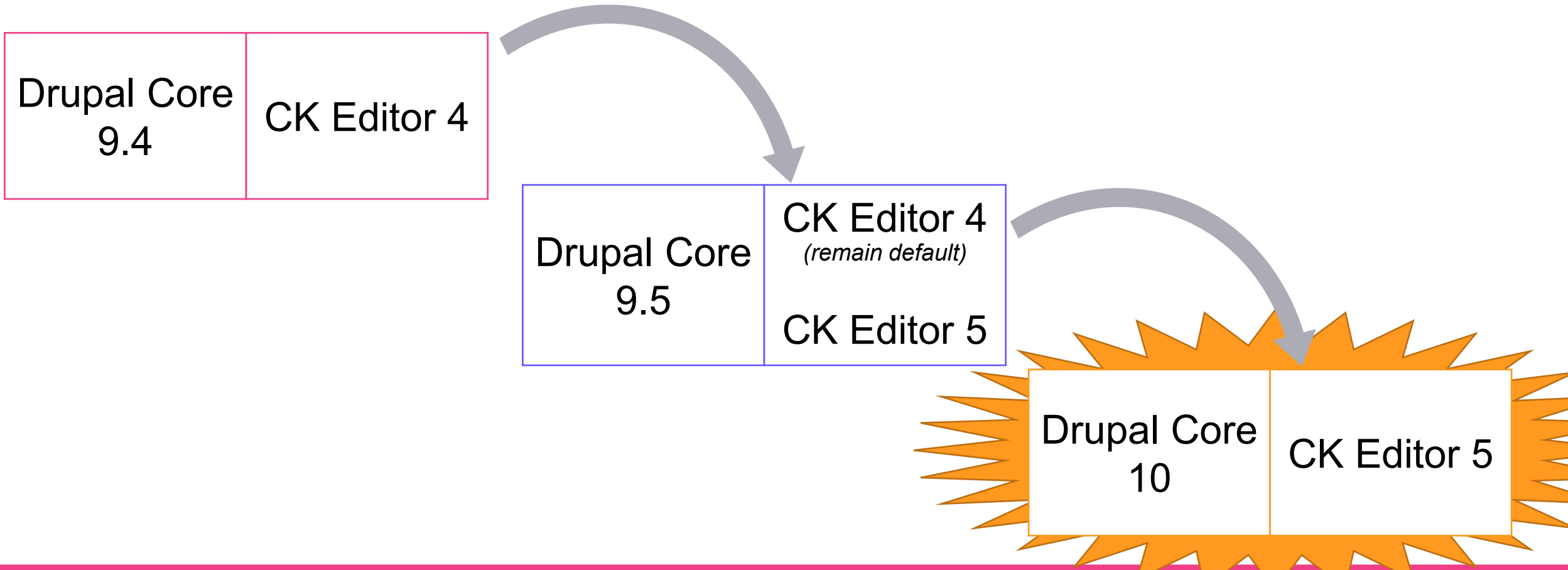
Preparation: Post Drupal Core 9.5 & CK Editor Preview

- No D10 Preview

  - Conscience of not having preview overload fatigue

- **Plan:** Upcoming D9 release 2.31.0 currently in development

  - 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

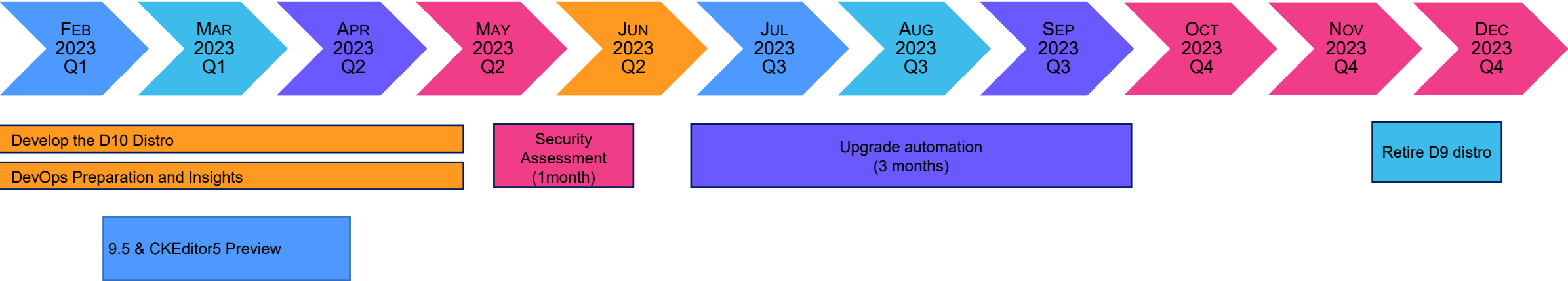*The latest round of smoke testing is automations for the contrib modules in the distro being removed:*

- *60% of sites are passing*

- *23% of sites have in-flight remediations in progress*

= 83% sites are on track to pass with current efforts

The remaining 17% are still being investigated

Timeline & Milestones

| FEB 2023 Q1 | MAR 2023 Q1 | APR 2023 Q2 | MAY 2023 Q2 | JUN 2023 Q2 | JUL 2023 Q3 | AUG 2023 Q3 | SEP 2023 Q3 | OCT 2023 Q4 | NOV 2023 Q4 | DEC 2023 Q4 |

Develop the D10 Distro

DevOps Preparation and Insights

Security Assessment (1month)

Upgrade automation (3 months)

Retire D9 distro

9.5 & CKEditor5 Preview

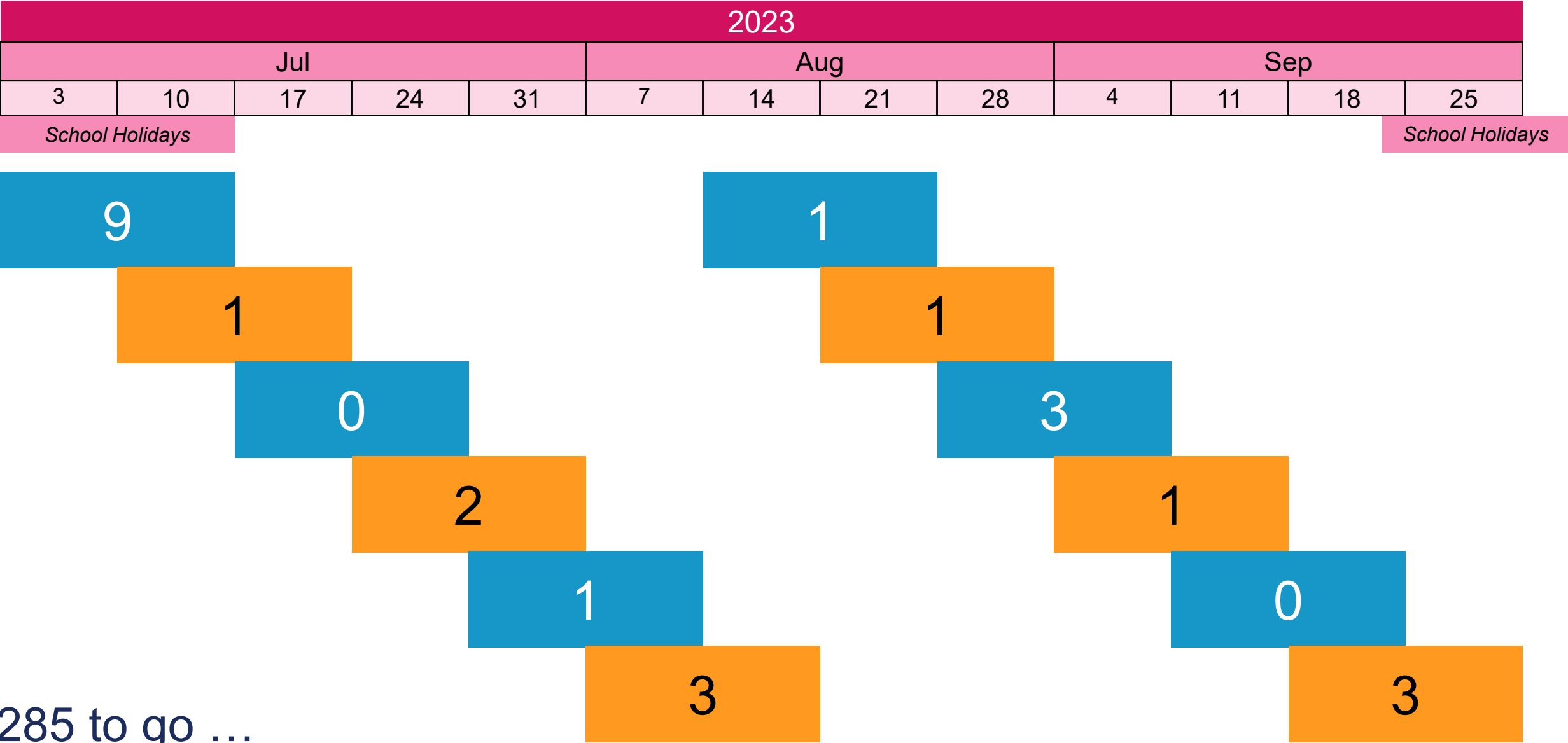| Timeframe	Milestones
10 February	D10 info session
27 February – 14 April 23	9.5 Drupal core & CK Editor Preview ** Timeframe extended **
17 March	D10 info session
3 May	Birthday meetup – D10 info session
End May 23	GovCMS10 Release Candidate
June 23	Security Assessment
End June 23	Drupal 10 Launch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

9 to 10: Automated Upgrade Timeline

2023												
Jul					Aug				Sep			
3	10	17	24	31	7	14	21	28	4	11	18	25

School Holidays — *School Holidays*

Group 1
Group 2
Group 3
Group 4
Group 5
Group 6
Group 7
Group 8
Group 9
Group 10
Group 11
Group 12

	Cut Off	Timeframe
Grp 1	30 Jun	5-Jul - 16-Jul
Grp 2	7 Jul	12-Jul - 23-Jul
Grp 3	14 Jul	19-Jul - 30-Jul
Grp 4	21 Jul	26-Jul - 6-Aug
Grp 5	28 Jul	2-Aug - 13-Aug
Grp 6	4 Aug	9-Aug - 20-Aug

	Cut Off	Timeframe
Grp 7	11 Aug	16-Aug - 27-Aug
Grp 8	18 Aug	23-Aug - 3-Sep
Grp 9	25 Aug	30-Aug - 10-Sep
Grp 10	1 Sep	6-Sep - 17-Sep
Grp 11	8 Sep	13-Sep - 24-Sep
Grp 12	15 Sep	20-Sep - 1-Oct

300 projects / 12 groups = average 25 projects in a group

D9 had an average 20 projects in a group (170 / 8)

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.

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

Wednesday, 3 May 2023
5:30 PM - 8:30 PM AEST
Hosted by Pragma Partners
Level 13/ 12 Moore St, Civic

Wednesday, 11 July 2023
5:30 PM - 8:30 PM AEST
Hosted by Synergy
15 National Cct, Barton

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

Questions ?

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

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/