Australian Government

GovCMS

D10 Information Session

We will commence at 11:35am

Please mute your microphones. This session will be recorded.

- Objectives
- Approach
- Process
- Questions

Please mute your microphones. This session will be recorded.

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

Please mute your microphones. This session will be recorded.

9 to 10: Proposed approach

Security Assessment

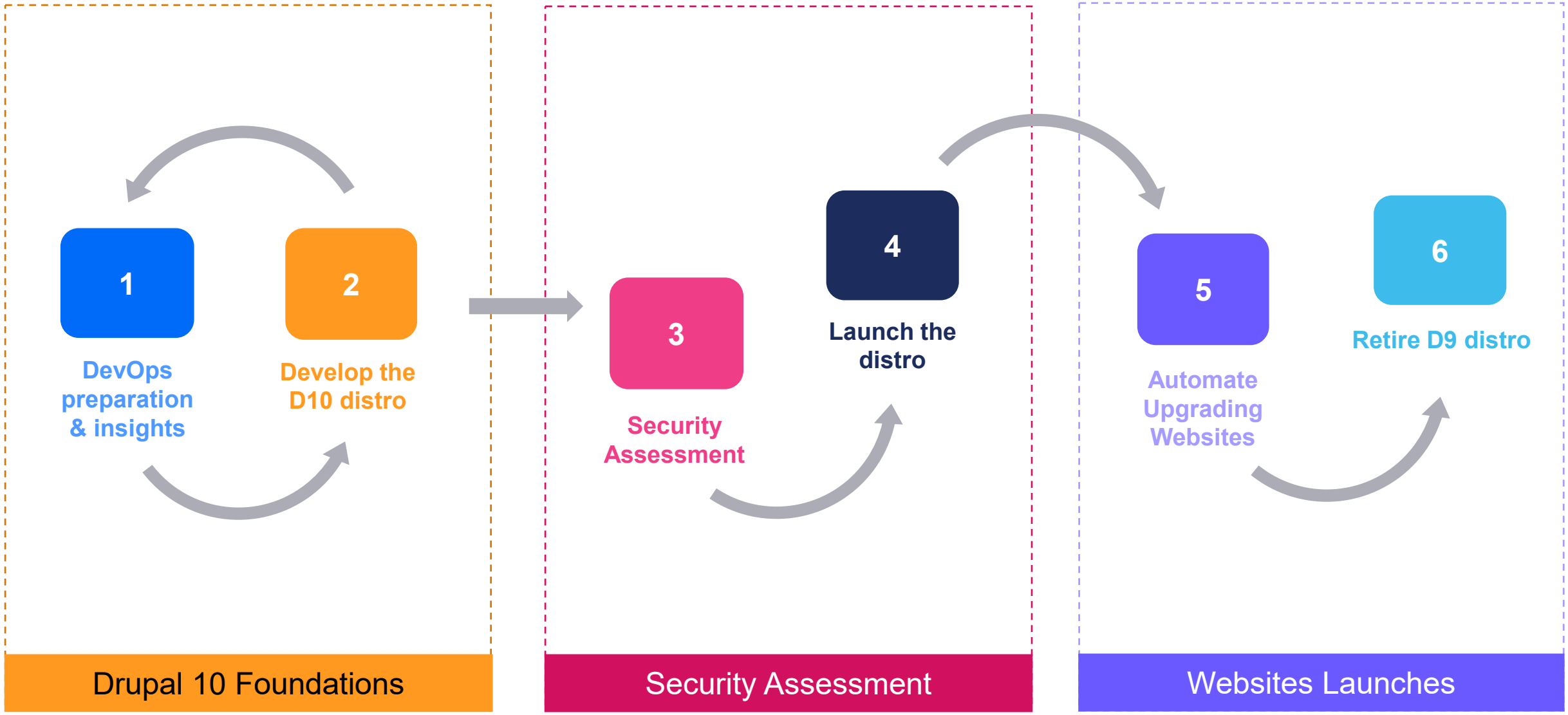
Launch D10 Websites

Stakeholder Engagement

2022

2023

9 to 10: Proposed approach



Developing the D10 distro
Module Progress

76
modules

Loading … 80.6% Distribution is D10 Compatible

4 Critical modules

8 High modules

2 Medium modules

8 Modules planning to be removed

D9-D10 Distro Considerations

@2.27.0
16 March

59 Ready

- address
- admin_toolbar
- captcha
- chosen
- config_filter
- consumers
- crop
- ctools
- devel
- diff
- dropzonejs
- ds
- embed
- encrypt
- entity_browser
- entity_class_formatter
- entity_hierarchy
- entity_reference_display
- entity_reference_revisions
- environment_indicator
- facets
- field_group
- google_analytics
- govcms_dlm
- govcms_security
- honeypot
- inline_entity_form
- key
- layout_builder_modal
- layout_builder_restrictions
- media_entity_file_replace
- media_file_delete
- menu_trail_by_path
- metatag
- migrate_file
- migrate_plus
- migrate_source_csv
- migrate_tools
- modifiers
- module_permissions
- paragraphs
- password_policy
- pathauto
- real_aes
- recaptcha
- redirect
- rest_menu_items
- robotstxt
- role_delegation
- search_api
- search_api_attachments
- search_api_solr
- seckit
- shield
- simple_oauth
- simple_sitemap
- token
- twig_tweak
- username_enumeration_prevention

17 D10 available

- config_ignore
- config_split
- contact_storage
- dynamic_entity_reference
- GovCMS Consultation (SaaS+)
- linked_field
- linkit
- login_security
- menu_block
- minisite
- *Page Manager (SaaS+)*
- scheduled_transitions
- swiftmailer
- update_notifications_disable

4 Critical

- *281* securtiy txt *(dev)*
- *281* **tfa (2.0.0-alpha2)**
- *184* config_update **(2.0.0-alpha2)**
- *128* config_perms *(dev)*

8 High

- *210* **webform (6.2.0-beta5)**
- *204* **focal_point (2.0.0-alpha2)**
- *201* entity_embed *(dev)*
- *55* context **(5.0.0-rc1)**
- *16* bigmenu *(dev)*
- *5* *CKAN Connect (SaaS+)*
- *5* *DVF (SaaS+)*
- *4* *Migrate Cron (SaaS+)*

2 Medium

- *193* **components (3.0.0-beta3)**
- *2* *Permissions By Term (SaaS+)*

8 Remove

- *281* ga_login (TFA)
- *179* block_place
- *168* features
- 68 video_embed_field (Avail)
- *??* adminimal_theme
- *189* adminimal_admin_toolbar *(dev)*

Deprecated

- 165 panels (Ready)
- *154* panelizer

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 removal in 2.29.0 or 2.30.0 release

Gone

- GA Login
  - Removed in 2.27.0
  - Replaced by TFA

SaaS Process

Preparation

1. Identifying d10 theme compatibility issues
2. Previews - remediating issues early on
   - E.g. Bootstrap Barrio *(Dec)* and 9.5 & CK Editor 5 *(Now)*

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

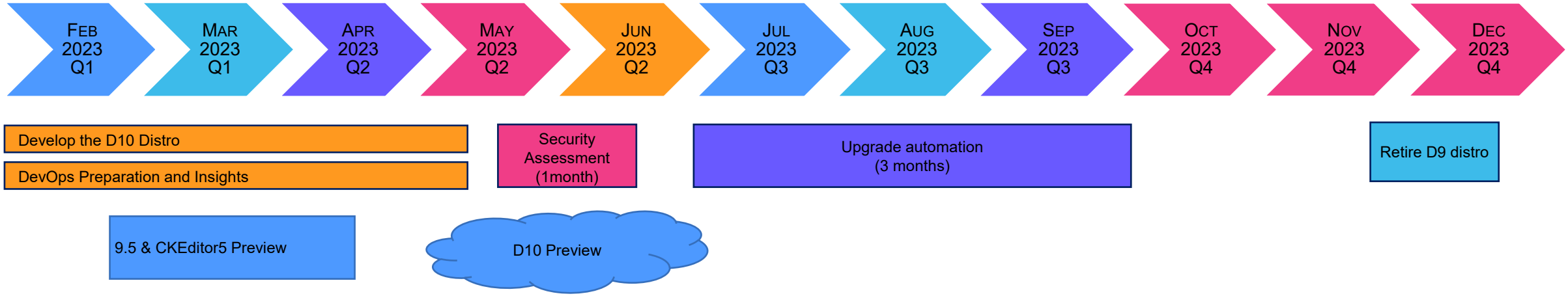
Preparation : identifying d10 compatibility issues

Great News

We've completed identifying D10 theme compatibility issues

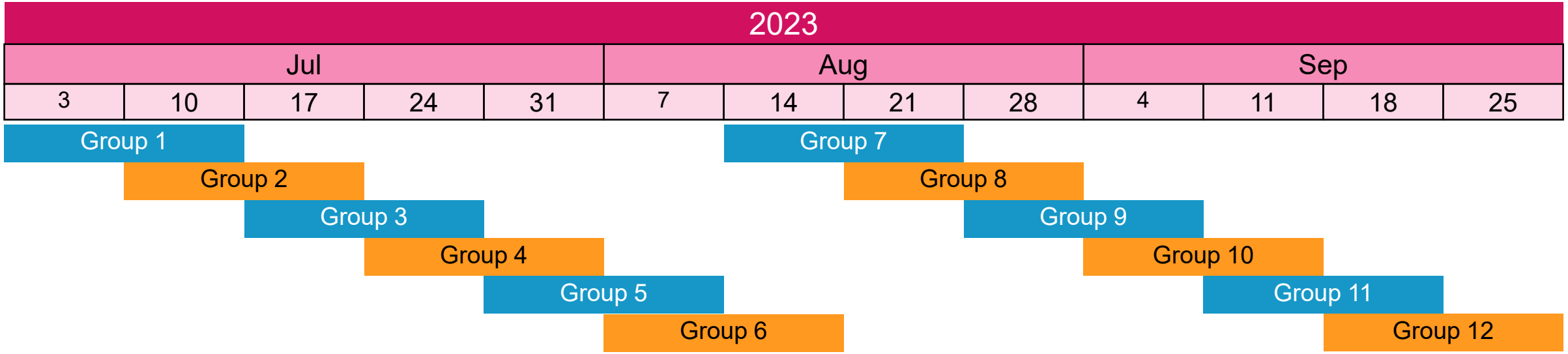
- Initially 3,000 issues were identified across 298 sites ?
- 1/3 were Bootstrap Barrio issues – Preview in Dec
- 1,500 were common issues - provide automation scripts to reach a d10 for your website
- Remaining 500 issues - they are complex, but minor enough – we will resolve for you

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



	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

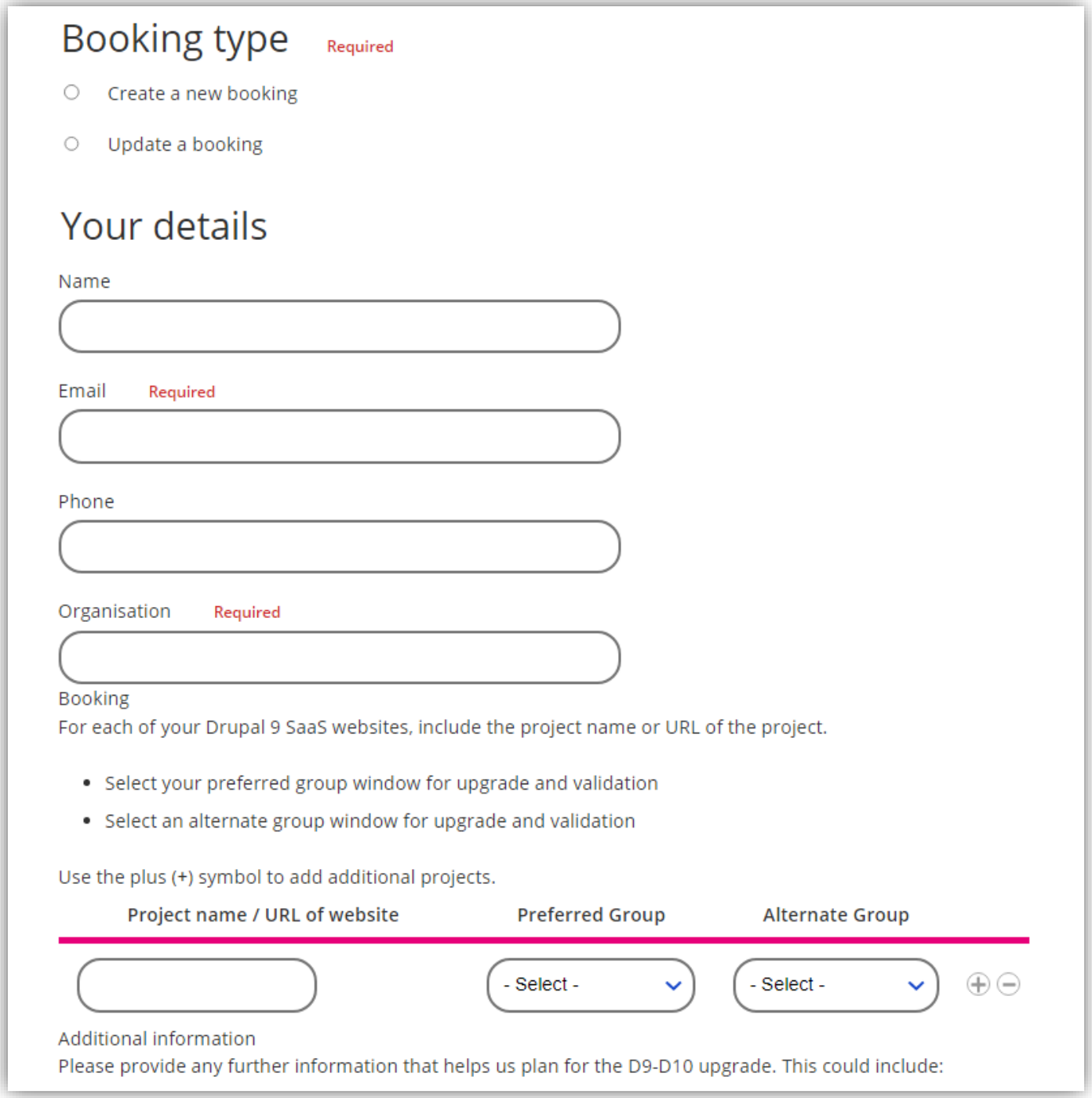
	Cut Off	Timeframe
Grp 7	11 Aug	16-Aug - 27-Aug
Grp 8	18 Aug	23-Aug - 3-Sep
Grp 9	25 Aug	30-Aug - 10-Sep
Grp 10	1 Sep	6-Sep - 17-Sep
Grp 11	8 Sep	13-Sep - 24-Sep
Grp 12	15 Sep	20-Sep - 1-Oct

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

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

Snippet of the webform

www.govcms.gov.au/book-your-d9-d10-upgrade-saas



Booking type Required

- ○ Create a new booking
- ○ Update a booking

Your details

Name

Email Required

Phone

Organisation Required

Booking

For each of your Drupal 9 SaaS websites, include the project name or URL of the project.

- Select your preferred group window for upgrade and validation
- Select an alternate group window for upgrade and validation

Use the plus (+) symbol to add additional projects.

Project name / URL of website	Preferred Group	Alternate Group
	- Select -	- Select -

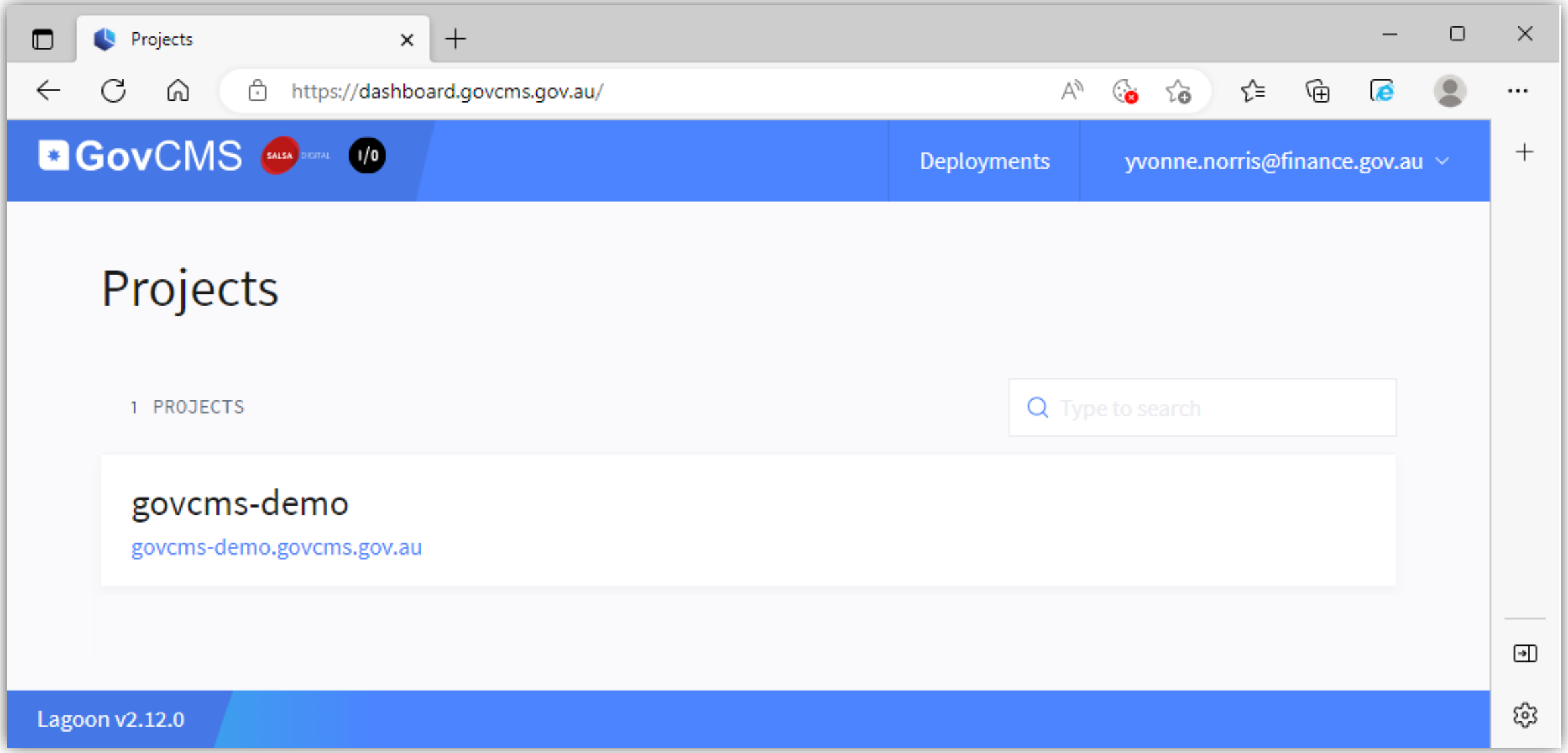
Additional information

Please provide any further information that helps us plan for the D9-D10 upgrade. This could include:

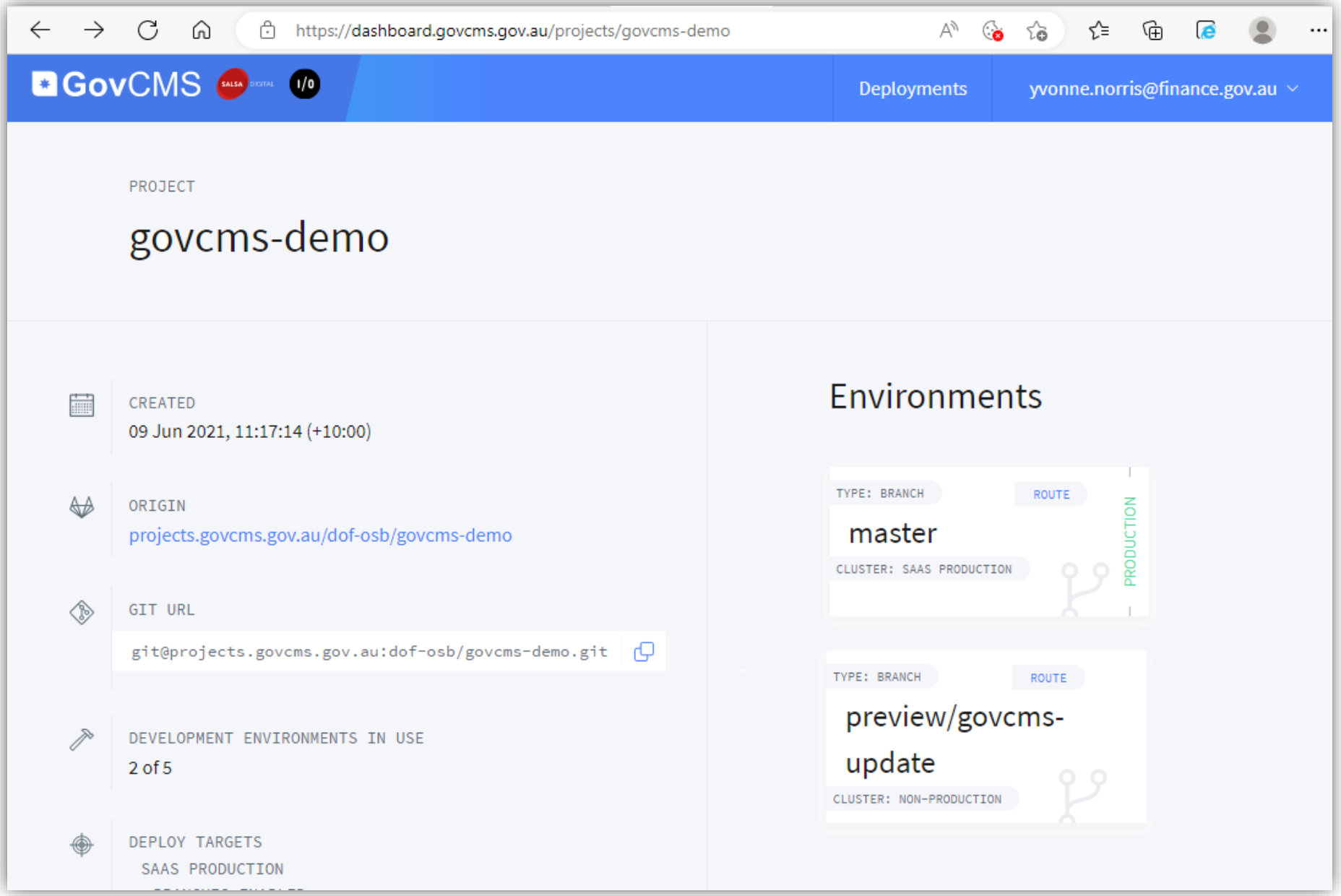
Drupal Core 9.5 & CK Editor 5 Preview

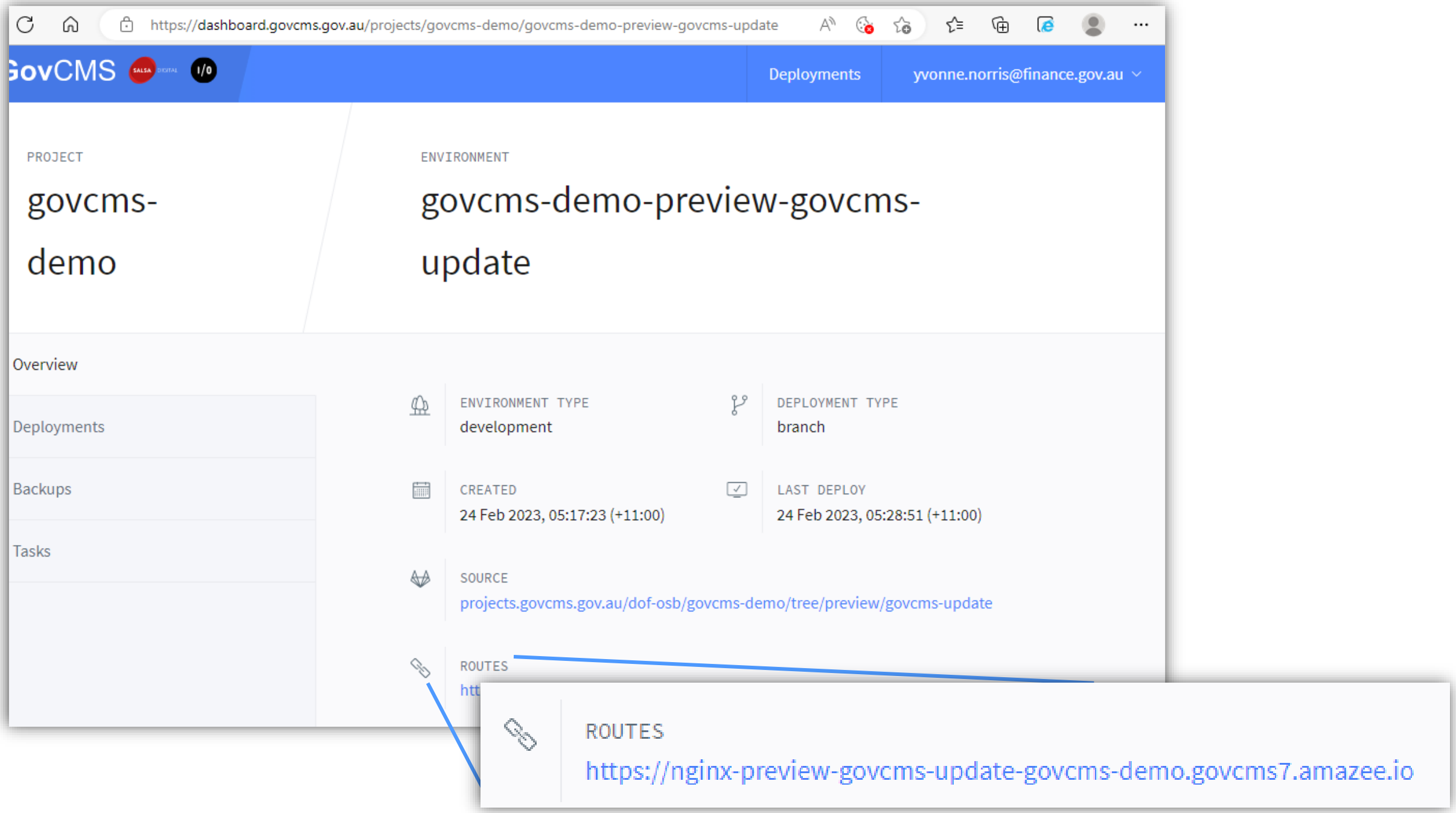
- 27 February – ~~27 March 2023~~ 14 April 2023
  - In the next @2.28.0 release – LinkIt module will be updated to a D10 compatible version
  - Preview environments will be updated as well
- URL Pattern: https://nginx-preview-govcms-update-**PROJECT**.govcms7.amazee.io
- Fact Finding Activity
- Outstanding – Entity Embed
- Review current HTML tags

Dashboard - Orientation



Dashboard – Environment Details




https://dashboard.govcms.gov.au/projects/govcms-demo/govcms-demo-preview-govcms-update
GovCMS
Deployments
yvonne.norris@finance.gov.au
PROJECT
govcms-demo
ENVIRONMENT
govcms-demo-preview-govcms-update
Overview
Deployments
Backups
Tasks
ENVIRONMENT TYPE
development
DEPLOYMENT TYPE
branch
CREATED
24 Feb 2023, 05:17:23 (+11:00)
LAST DEPLOY
24 Feb 2023, 05:28:51 (+11:00)
SOURCE
projects.govcms.gov.au/dof-osb/govcms-demo/tree/preview/govcms-update
ROUTES
htt
ROUTES
https://nginx-preview-govcms-update-govcms-demo.govcms7.amazee.io

Drupal Core 9.5 & CK Editor Rollout Plan

Current Distribution Status

Drupal Core 9.4

&

CK Editor 4

Drupal Core 9.5 & CK Editor Rollout Plan

D10 Distribution End Game

Drupal Core 10

&

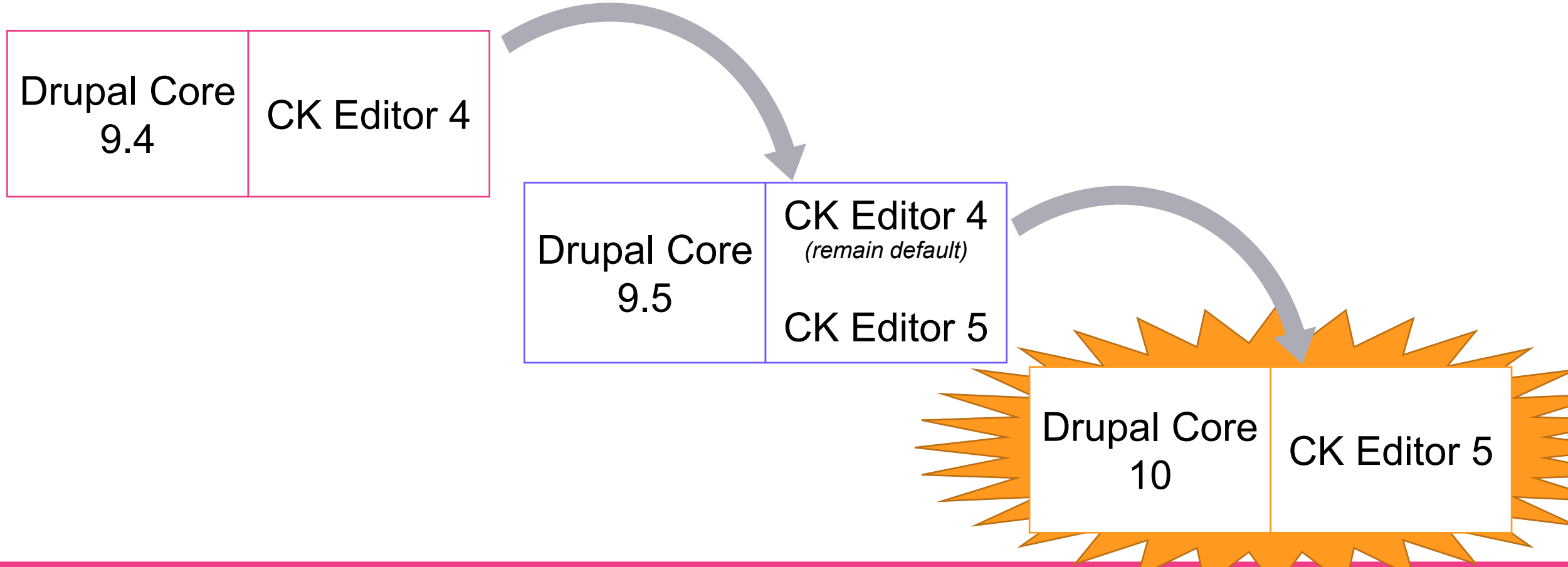
CK Editor 5

Drupal Core 9.5 & CK Editor Rollout Plan

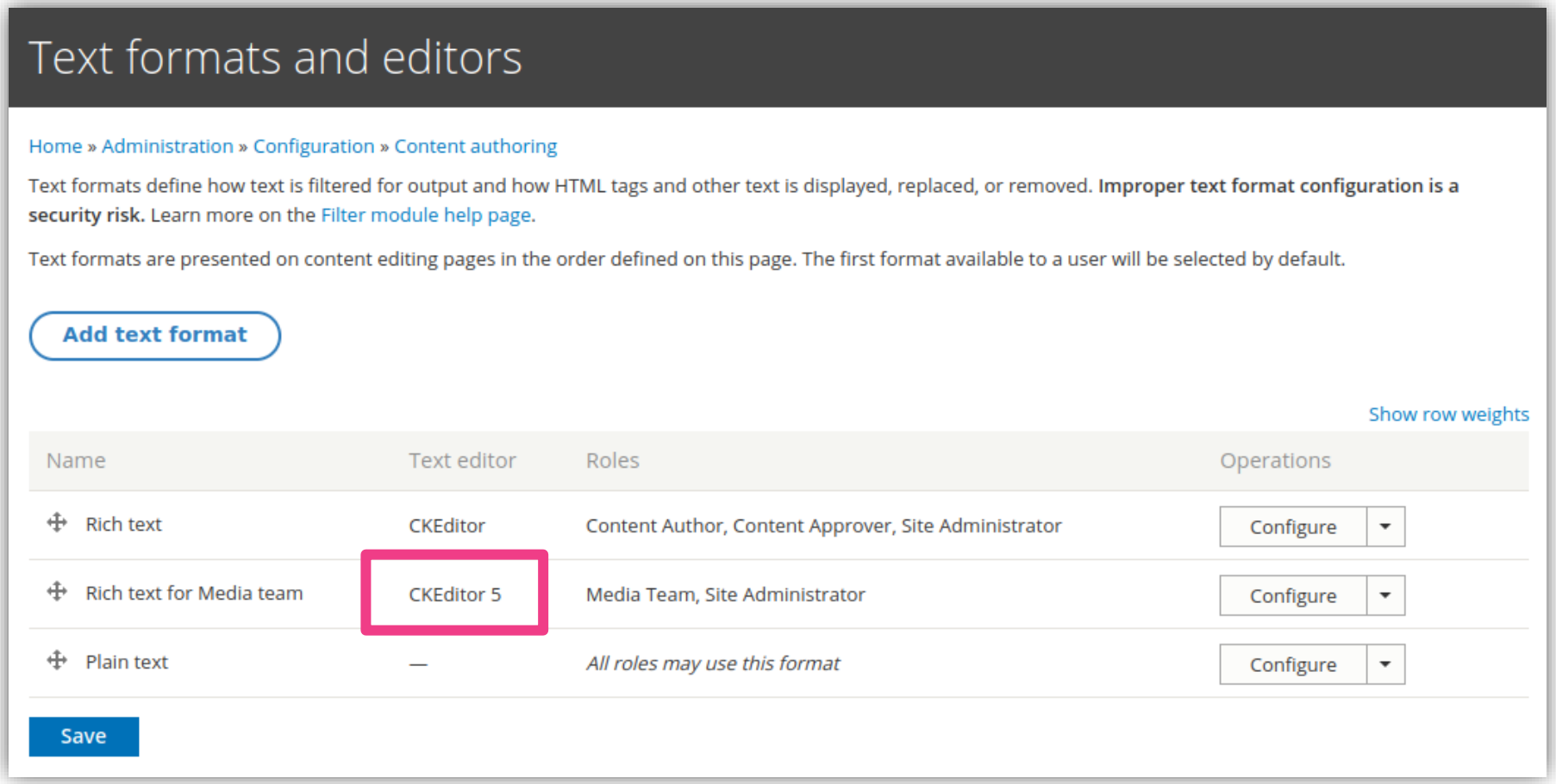
Predicament

Drupal Core 9.5 & CK Editor Rollout Plan

D10 Distribution Game Plan

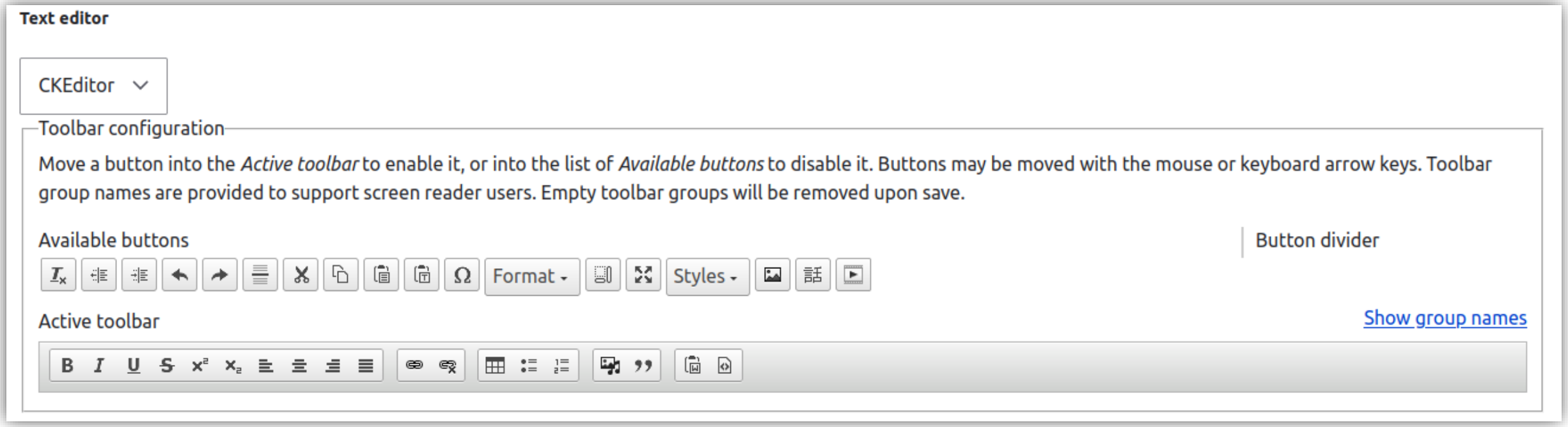


Drupal Core & Ck Editor 5 Preview



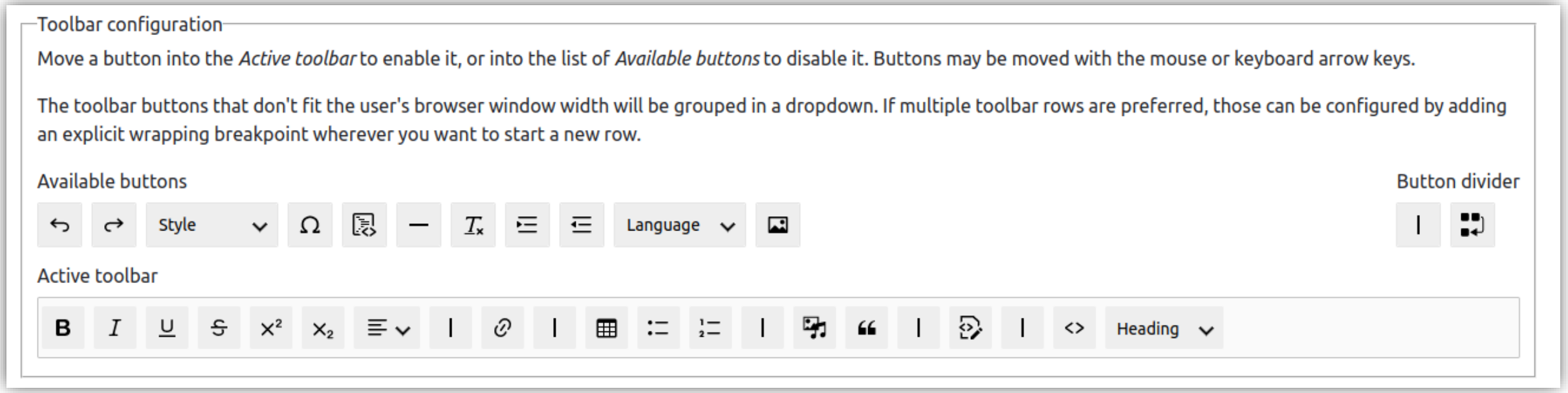
Drupal Core & Ck Editor 5 Preview

Current state : CK Editor 4



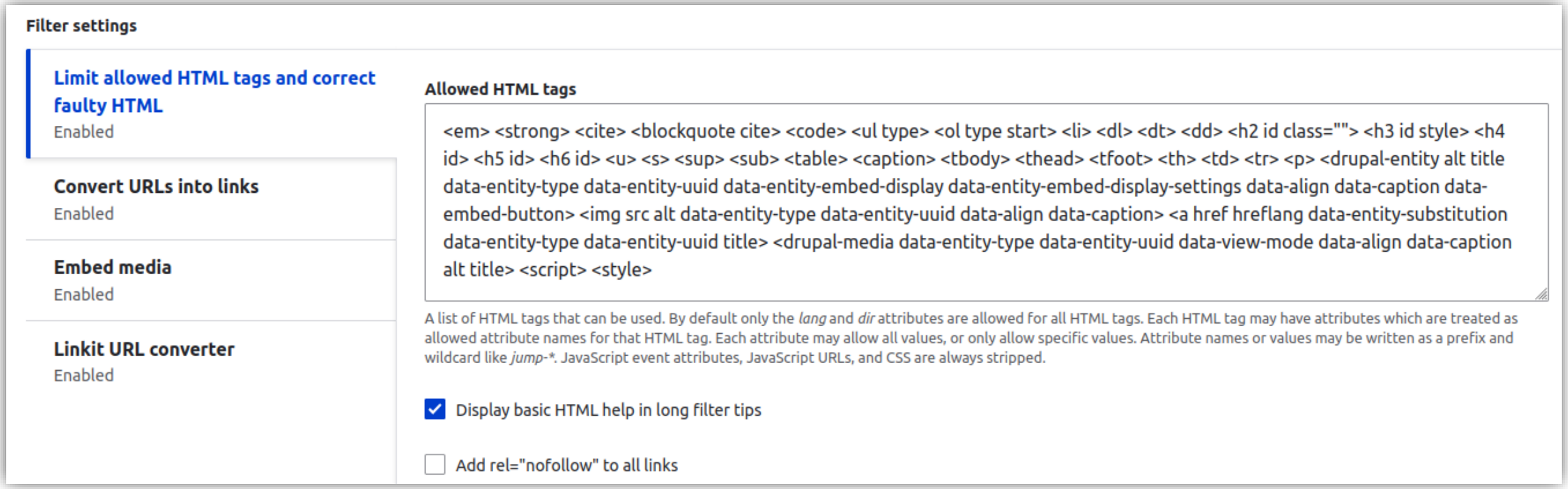
Drupal Core & CK Editor 5 Preview

Future state : CK Editor 5



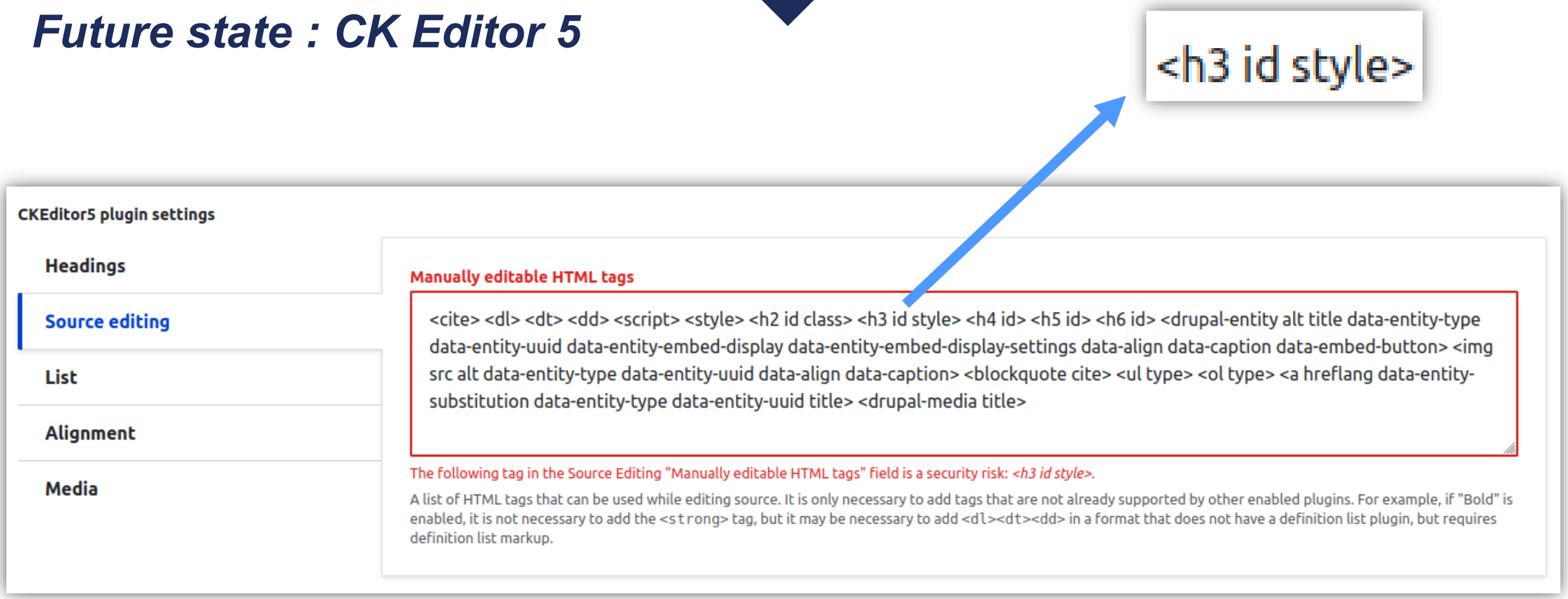
Drupal Core & CK Editor 5 Preview

Current state : CK Editor 4 – HTML tags



Drupal Core & Ck Editor 5 Preview

Future state : CK Editor 5

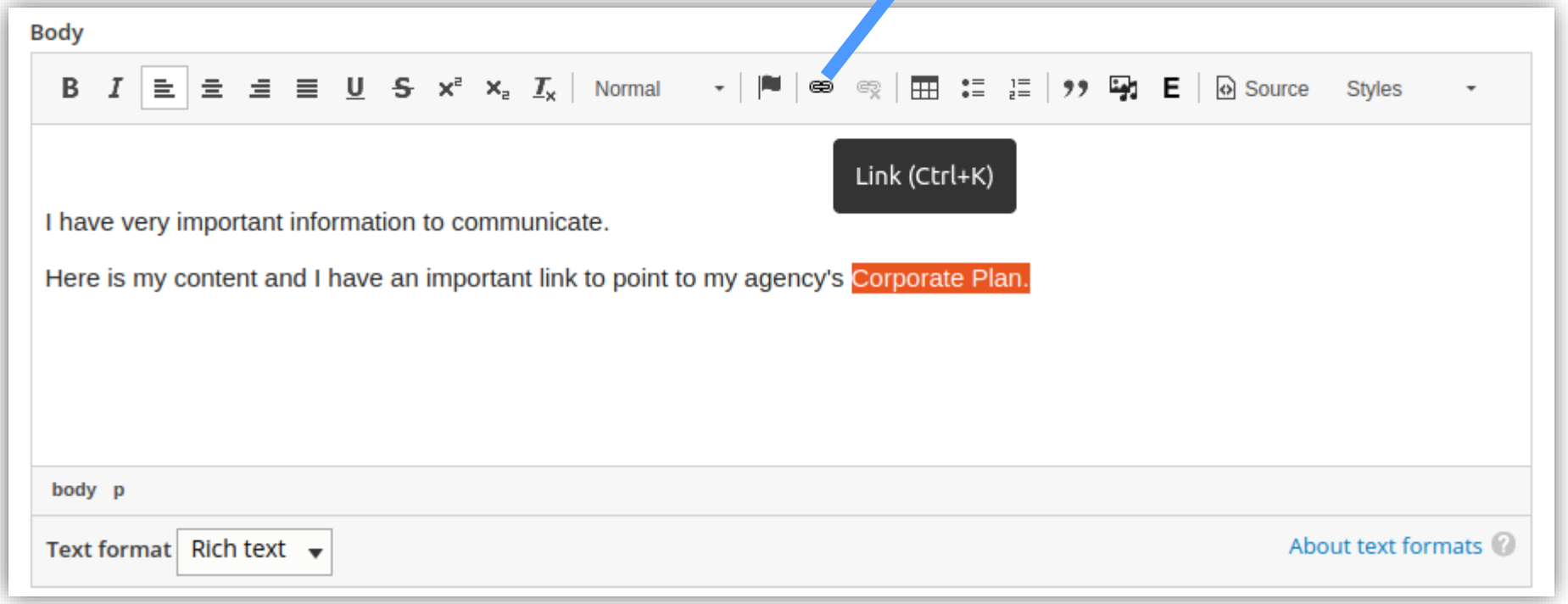


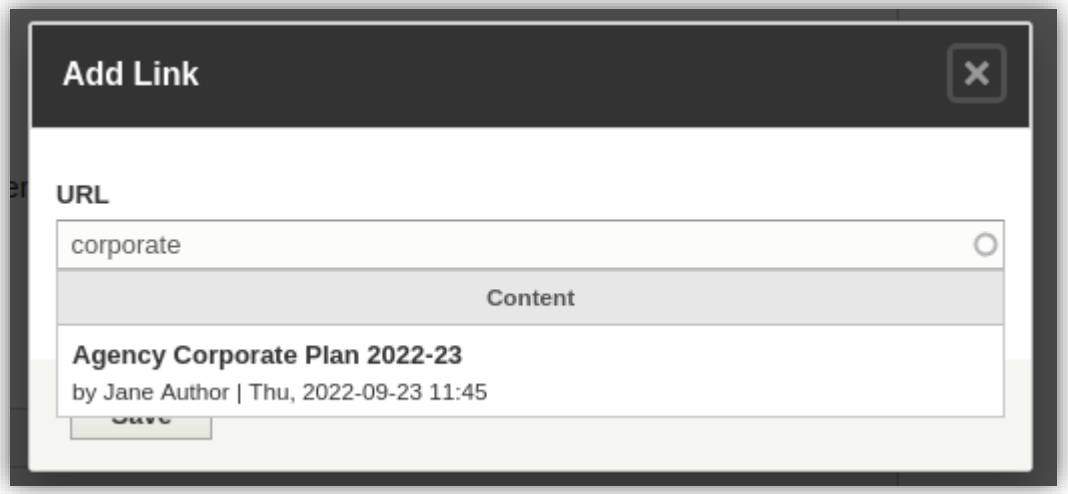
Drupal Core & CK Editor 5 Preview

*Config is **disabled** in the preview branch*

Drupal Core
& CK Editor 5 Preview

Linkit





Drupal Core
& CK Editor 5 Preview

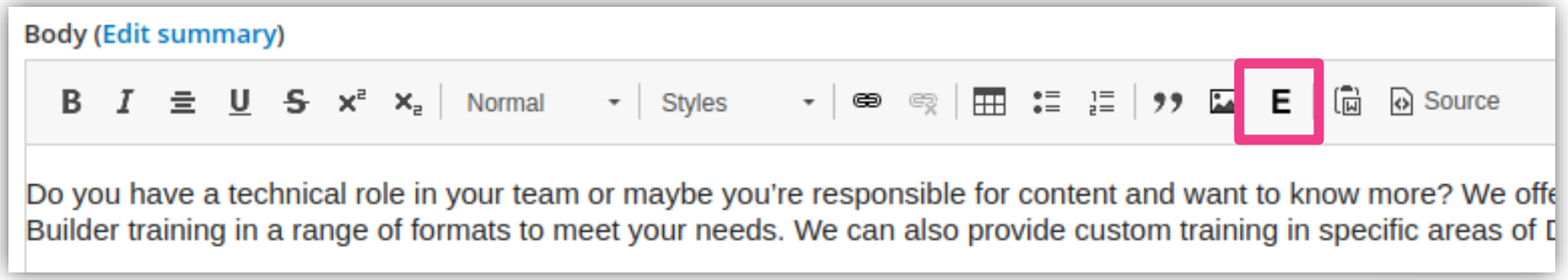
Entity Embed

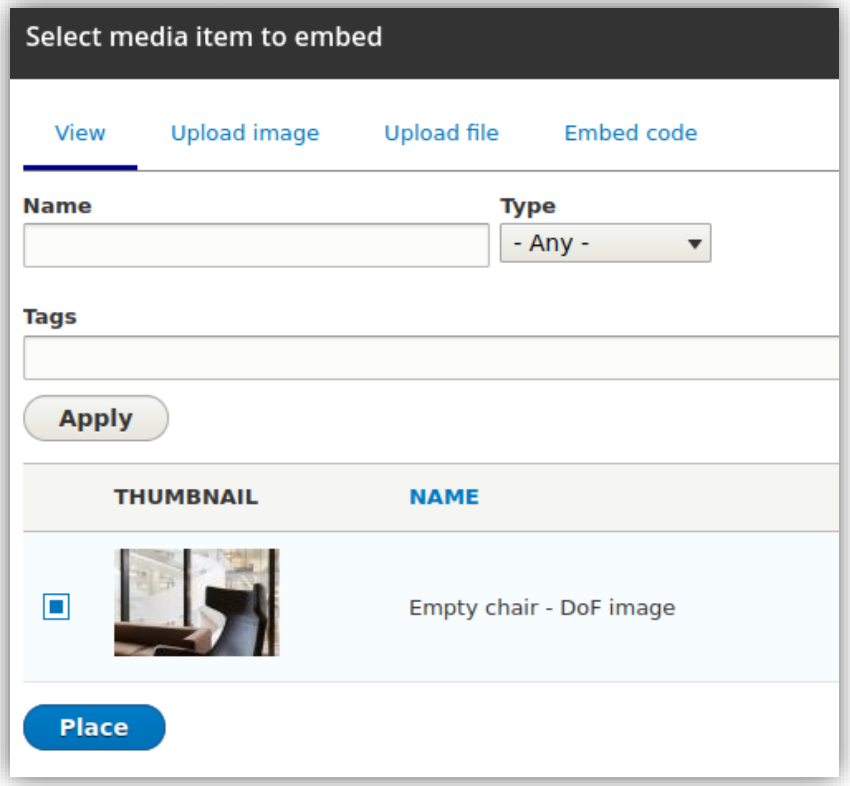
- Outstanding known issue
- Impacts content embedded with the WYSIWYG
- Does not impact media that is added through other fields
- Does not impact media added through source code
- Results will varying depending on how your website is setup
- Track this outstanding issue – OR – if you can help progress this

  https://www.drupal.org/project/entity_embed/issues/3272732

Drupal Core & CK Editor 5 Preview

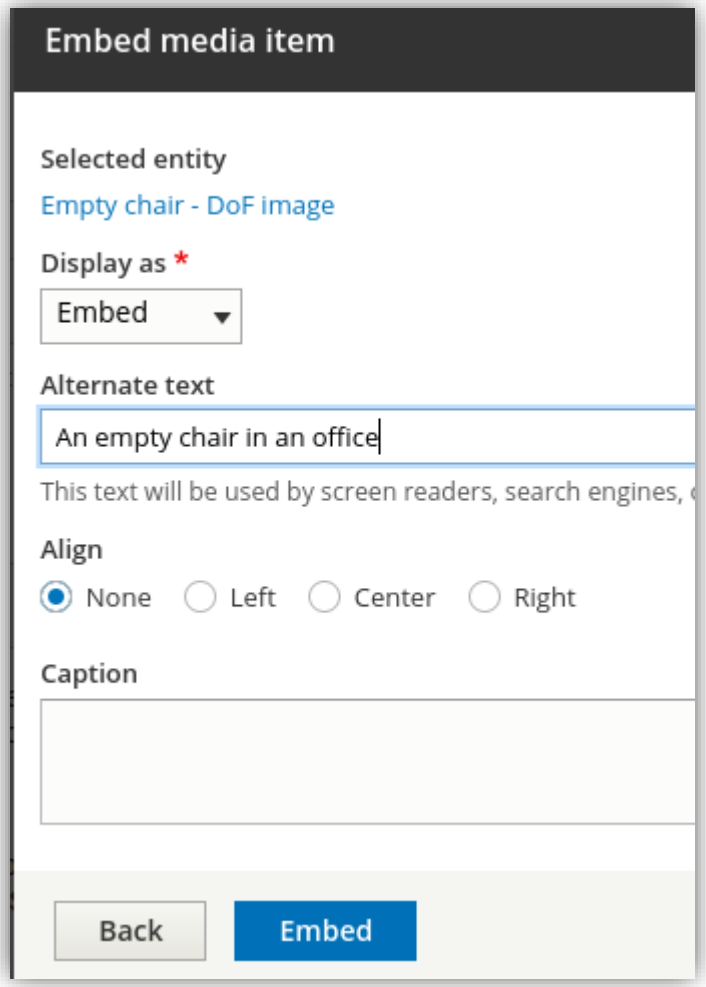
Entity Embed eg known fail

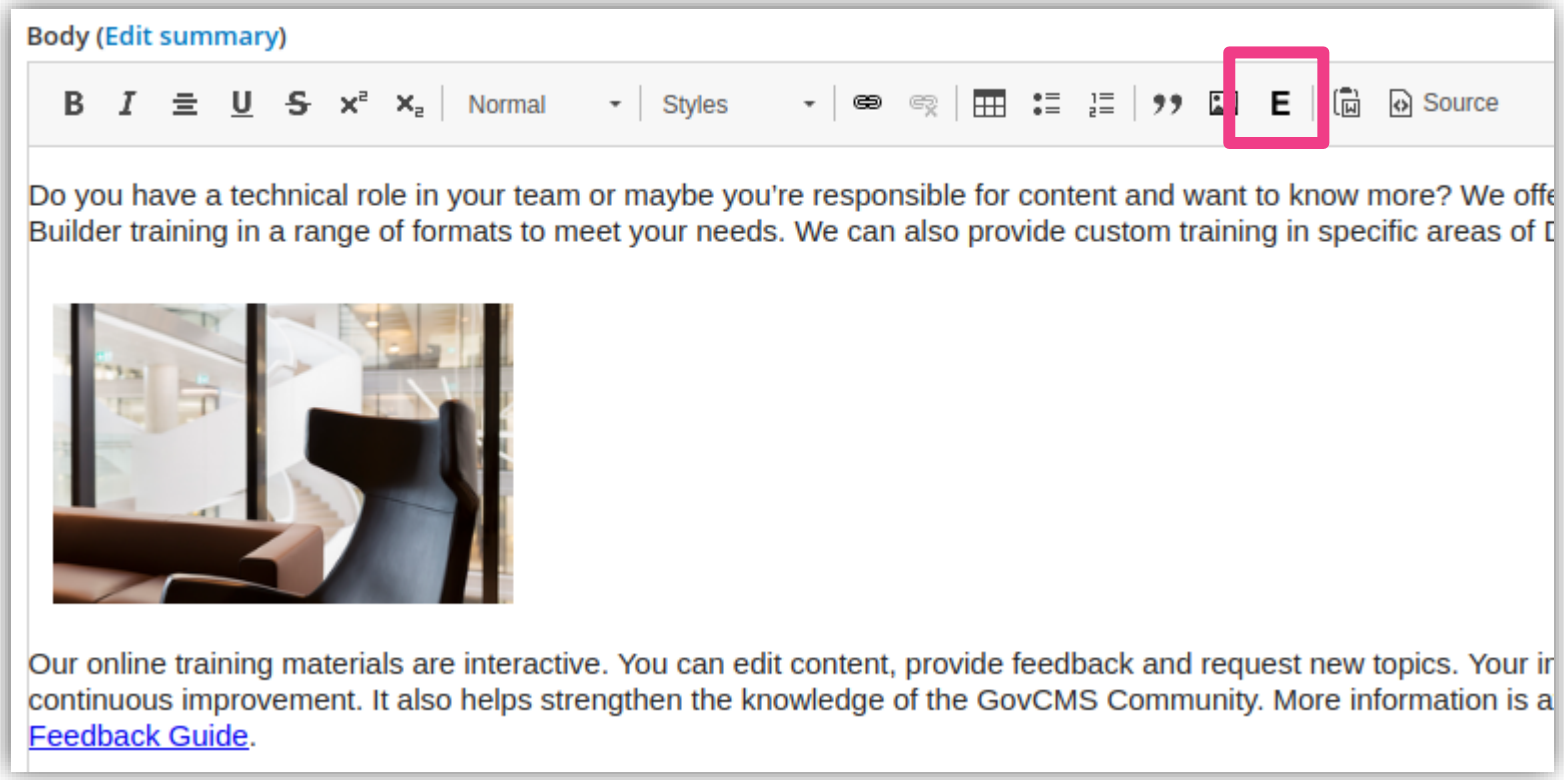




Drupal Core & CK Editor 5 Preview

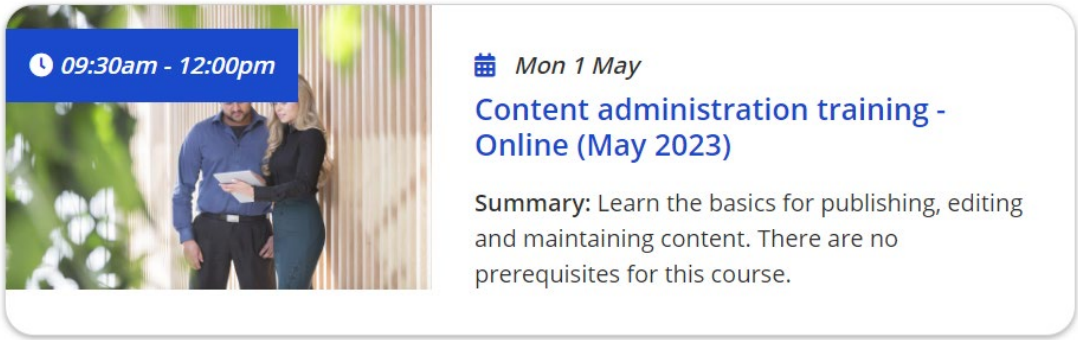
Entity Embed eg known fail





Drupal Core
& CK Editor 5 Preview

Media that isn't impacted



Title *

Content administration training - Online (May 2023)

▼ THUMBNAIL

Image used in content lists.

You can select up to 1 media items (0 left).

help_-_1156_dept_finance_hcreations_074.jpg

Remove

Edit

HEADER IMAGE

No media items are selected.

Add media

The image used in the header.
One media item remaining.

Body (Edit summary)

B I Source Paragraph Styles

Summary: Learn the basics for publishing, editing and maintaining content. There are no prerequisites for this course.

Duration: 4 days (9:30am to 12:00pm each day)

Course outline

1. Login to the administration area and access key areas
2. Create and manage content and content revisions
3. Create and manage files and media assets

Drupal Core & CK Editor 5 Preview

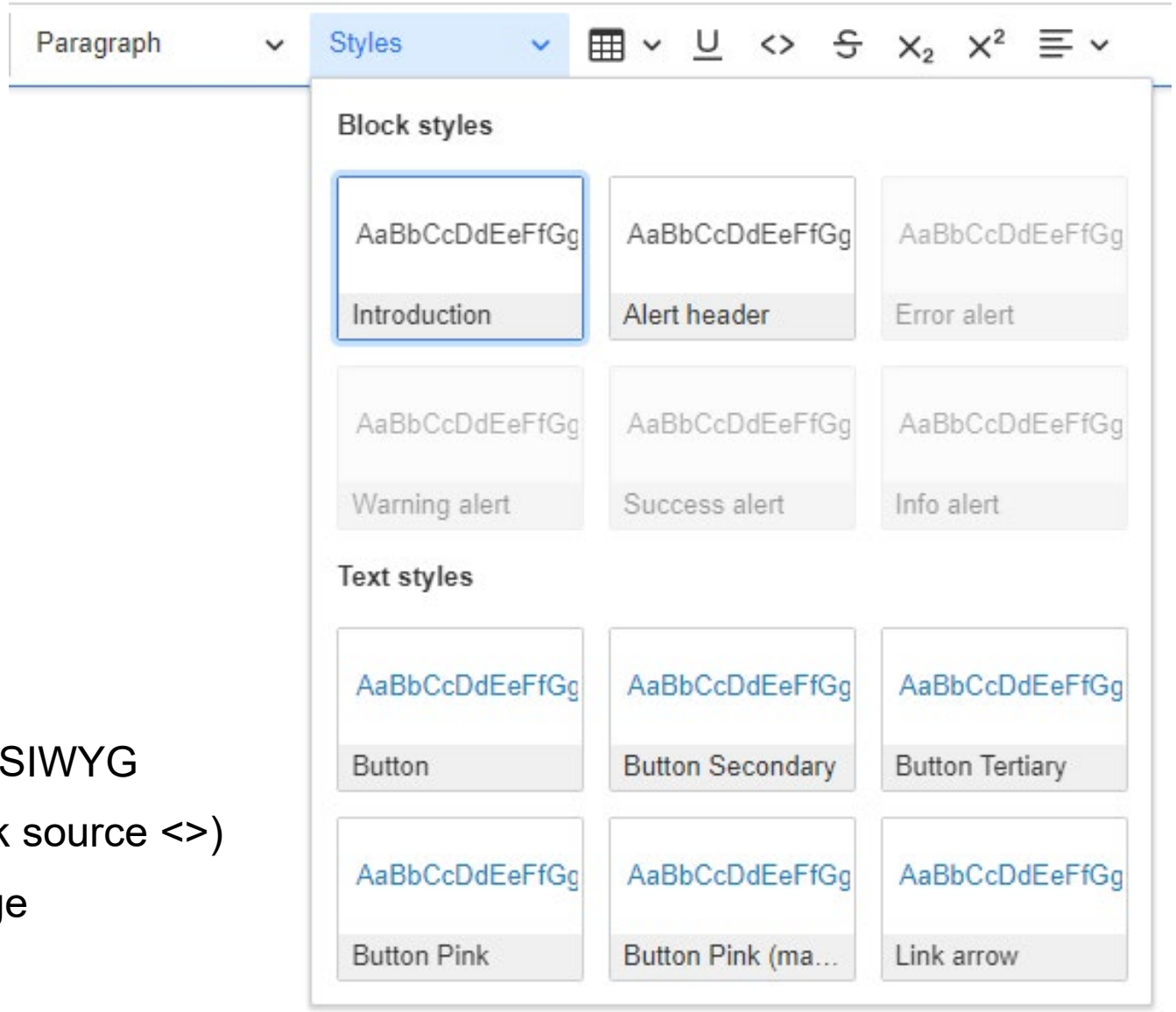
Style Formatting

If you use Styles – they *should* be available

When selecting a style from the dropdown, some may:

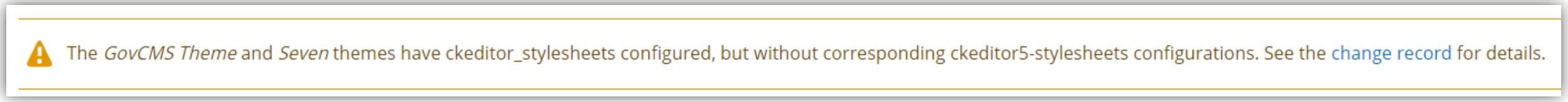
- be disabled, can't be selected
  eg Grayed out
- be visible, not previewing correctly
  eg Button
- be selected, but not render the style in the WYSIWYG
  ie however it may work at the HTML level (click source <>)
  OR saving and viewing the published/draft page

In some limited circumstances, some styles may not appear



Drupal Core
& CK Editor 5 Preview

CK Editor Stylesheet Libraries



CK Editor 4

```
19
20  ckeditor_stylesheets:
21    - css/editor_styles.css
22
```

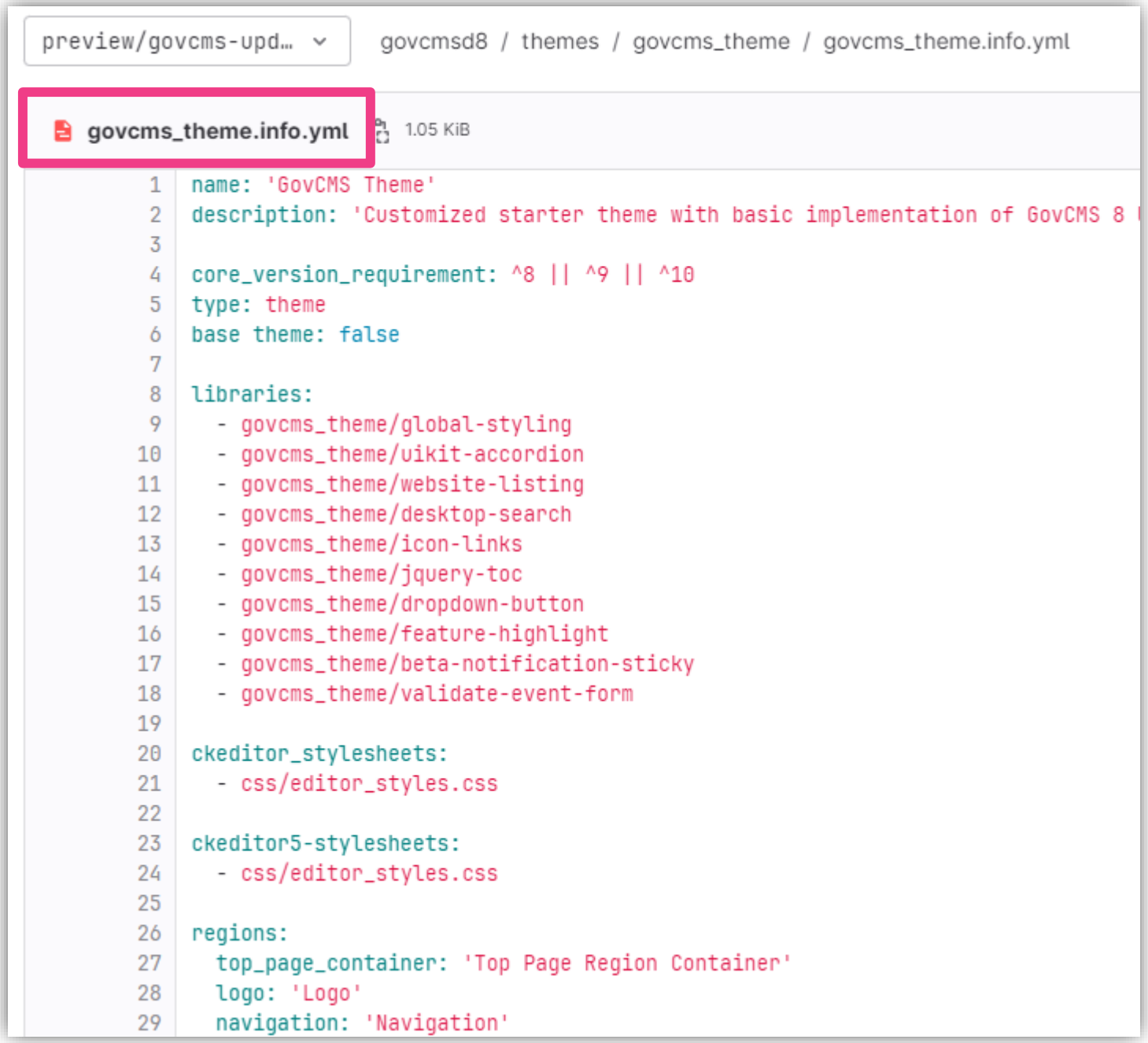
Fix for CK Editor 5

```
19
20  ckeditor_stylesheets:
21    - css/editor_styles.css
22
23  ckeditor5-stylesheets:
24    - css/editor_styles.css
25
```

New API for adding theme-specific styles in CKEditor 5 | Drupal.org - REF: https://www.drupal.org/node/3259165

Drupal Core & CK Editor 5 Preview

CK Editor Stylesheet Libraries

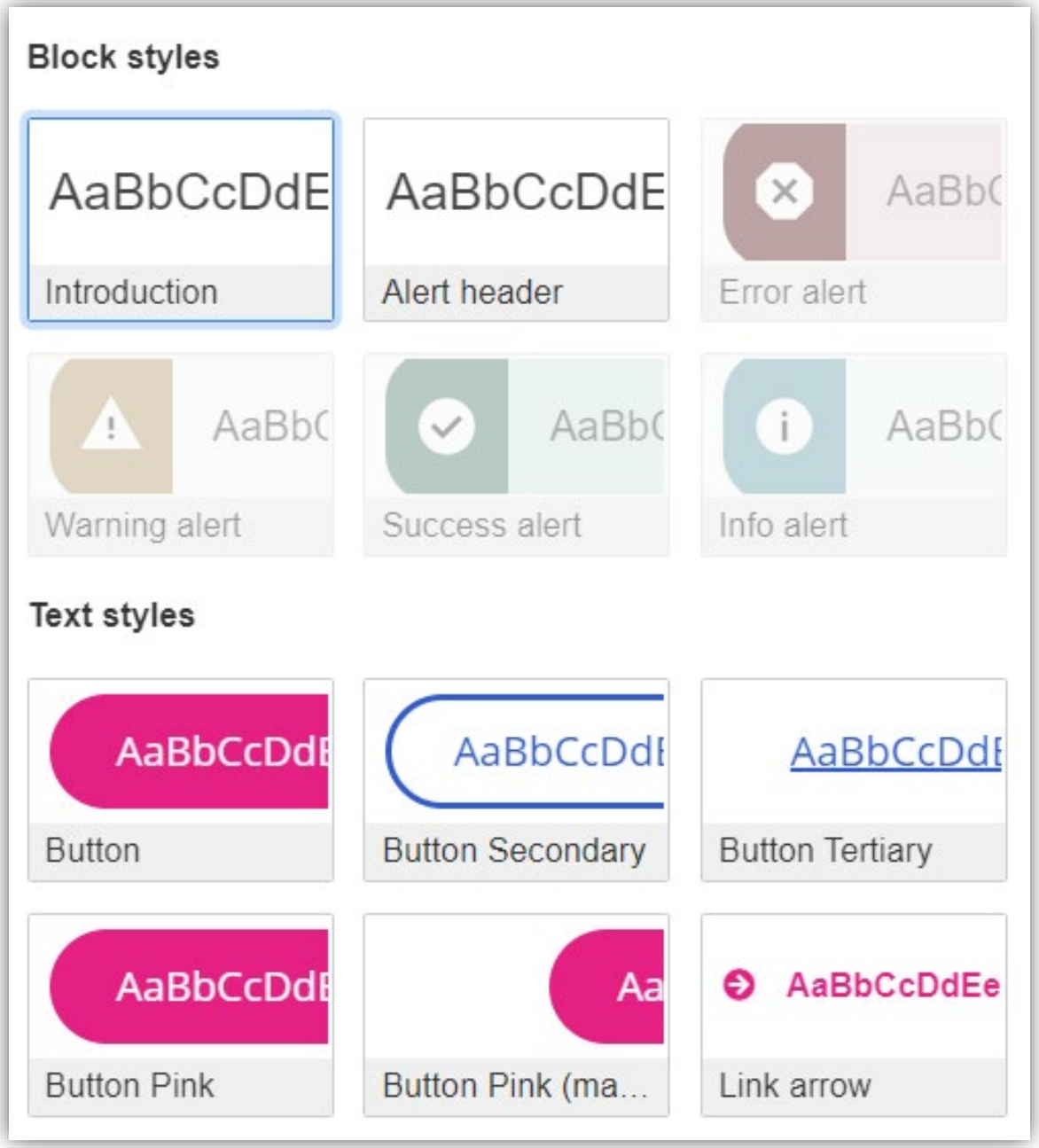


Drupal Core & CK Editor 5 Preview

Style Formatting

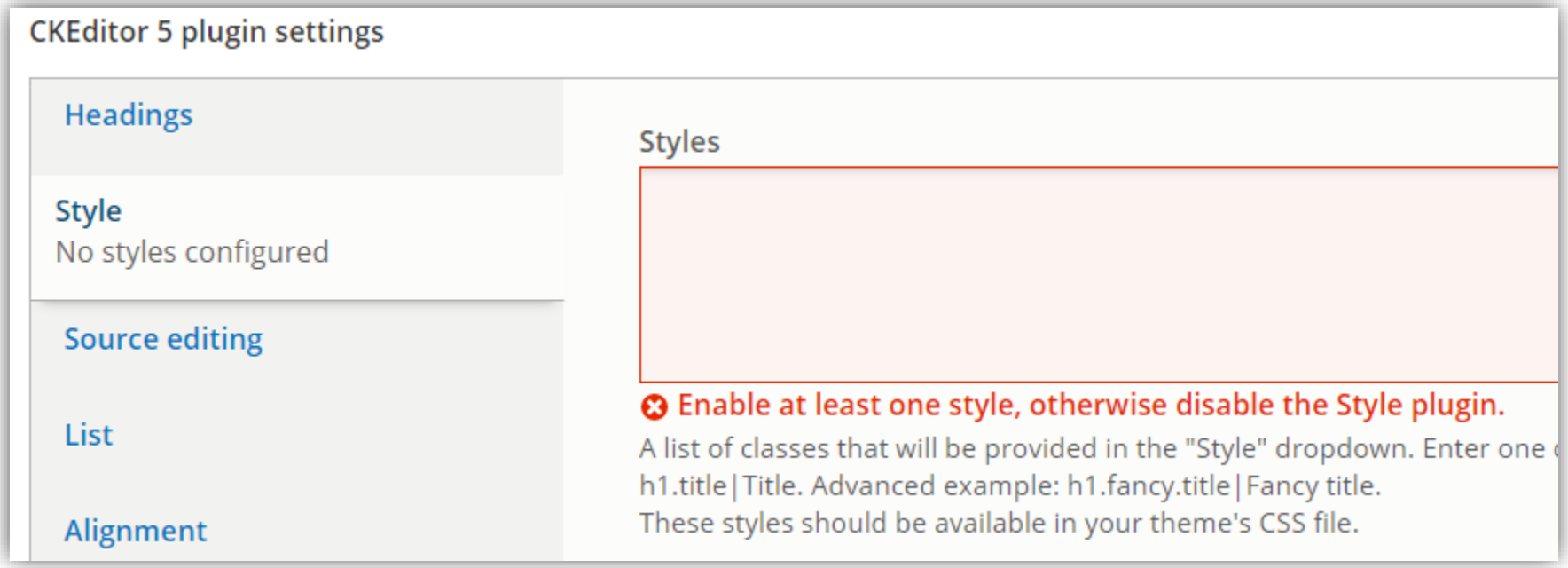
Ta Da !

- We have a *partial* win - and we'll take it ☺
- The styles are now applied in our admin / editing space
- Our next step is to investigate the disabled styles & any styles missed



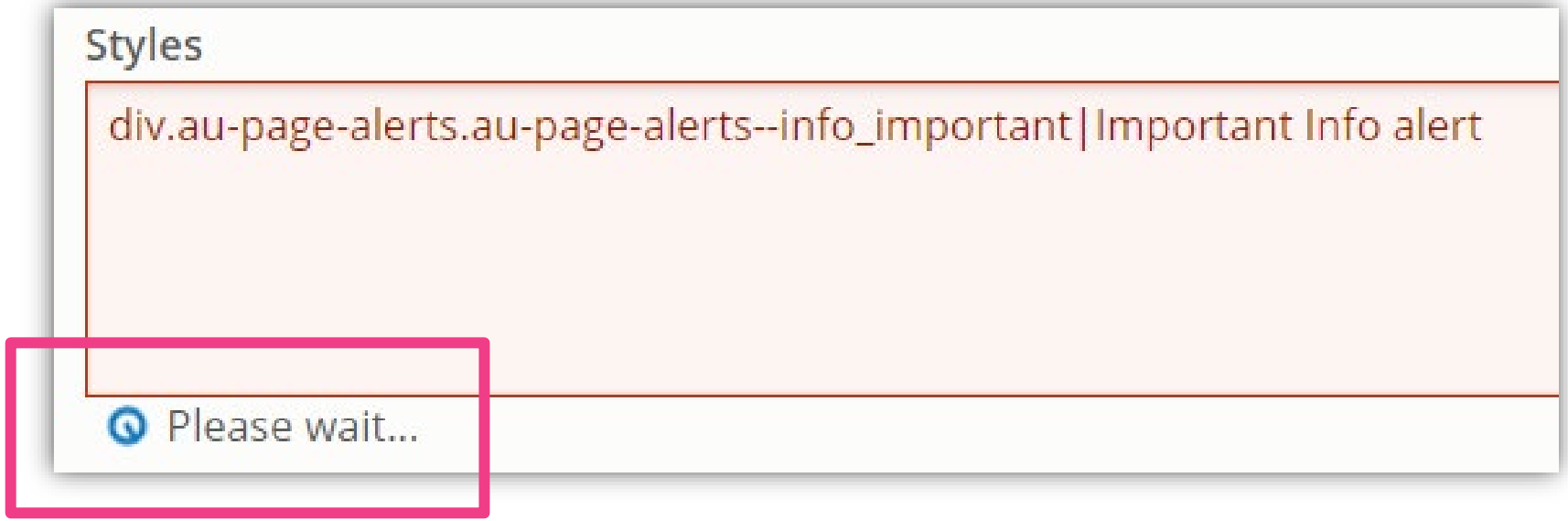
Drupal Core
& CK Editor 5 Preview

Quirks



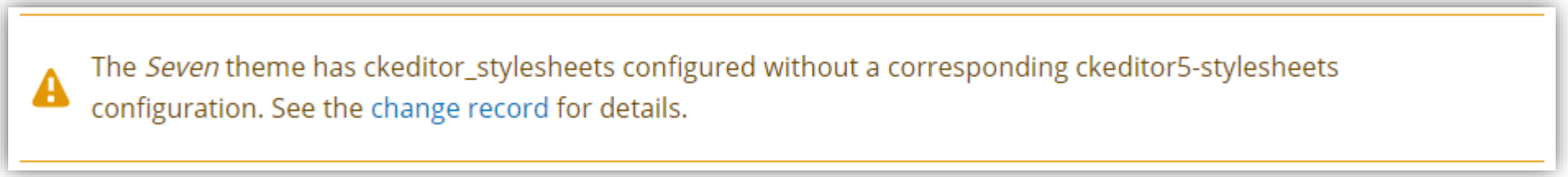
Drupal Core
& CK Editor 5 Preview

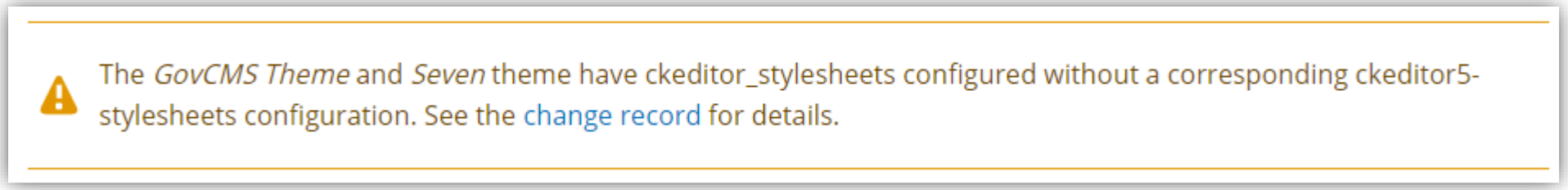
Quirks



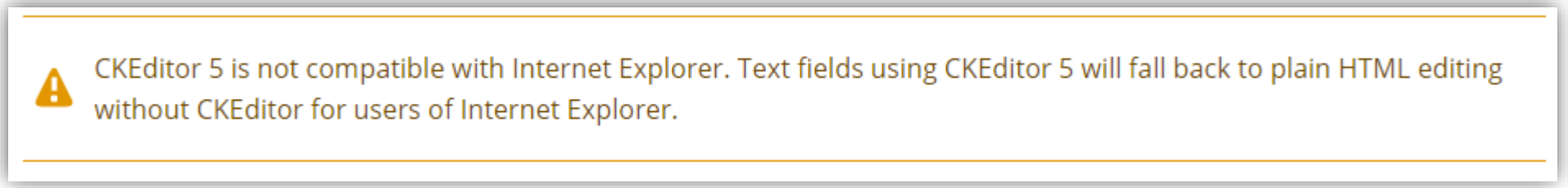
Drupal Core
& CK Editor 5 Preview

Quirks: False Positive / True Negative





E.g. Seven theme is deprecated and removed – it's a warning here – but it will not be a problem in D10



E.g. Internet Explorer was End of Life 15 June 2022

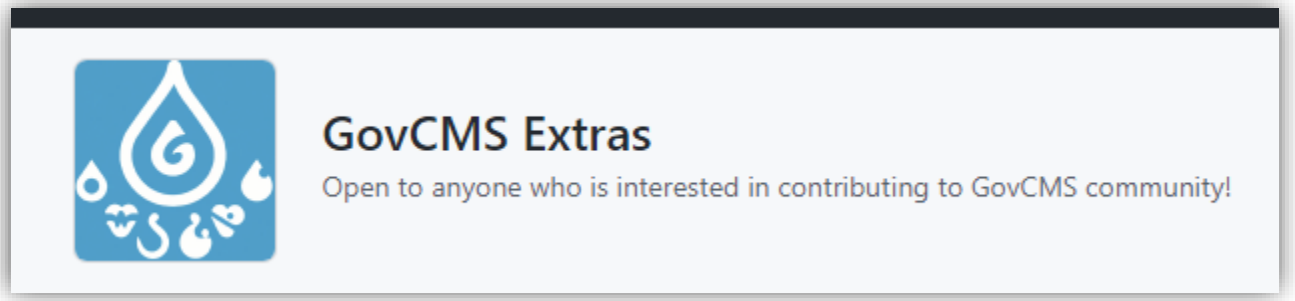
PaaS

Are you:

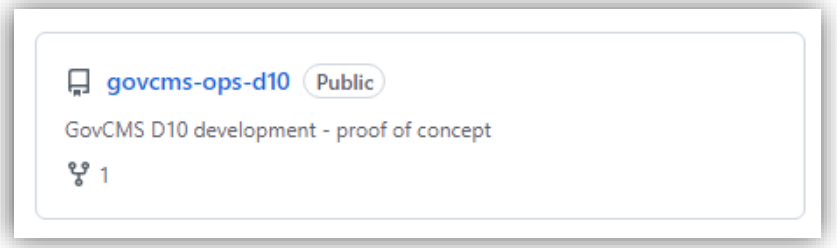
- Running up to date Drupal Core and modules
- Using supported PHP versions
- Patching modules and any custom modules where issues arise
- Conforming to any maintenance schedules set out by your agency's IT Security policies
- Aligning to responsibilities in the GovCMS and agency Memorandum of Understanding.

- 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?

GovCMS Community Repository



- https://github.com/govcms-extras



- GovCMS Ops 10 Proof Of Concept (POC)
  - Contribute or just follow along as we build the D10 distribution
  - **NOT** production ready

- A place the community to share their open sourced themes, plug ins and/or modules

- Space for experimental projects
  - Lift – used to customise your local development project

Join us for the next Drupal ACT Meetup

Hosted by GovCMS

Department of Finance
1 Canberra Ave Forrest

Wednesday, 29 March 2023
5:30 PM - 8:30 PM AEDT

Hybrid Event

https://www.meetup.com/drupalact/events/291976469/

We have an idea …

Questions ?

Thanks for joining us today

Email: GovCMS@finance.gov.au

Join GovCMS GovTeams community

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