Australian Government

GovCMS

The path to Drupal 9

Please mute your microphones. This session will be recorded.

- Re-cap
- Now
- Next
- Questions

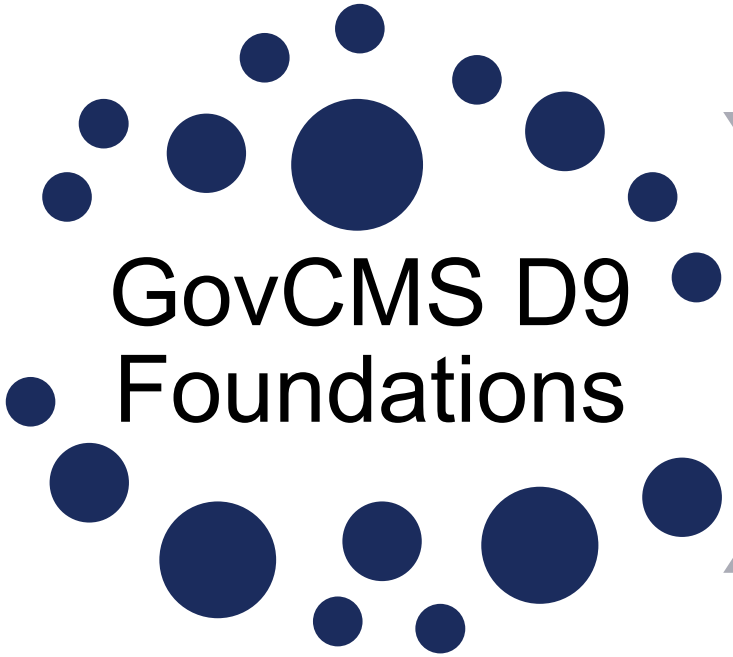
Please mute your microphones. This session is being recorded.

Objectives Recap

- Create the D9 Distribution
- Create a path for a smooth transition for D8 to D9
- Help reduce effort for D7 rebuilding in D8 / D9

Please mute your microphones. This session is being recorded.

Approach Recap

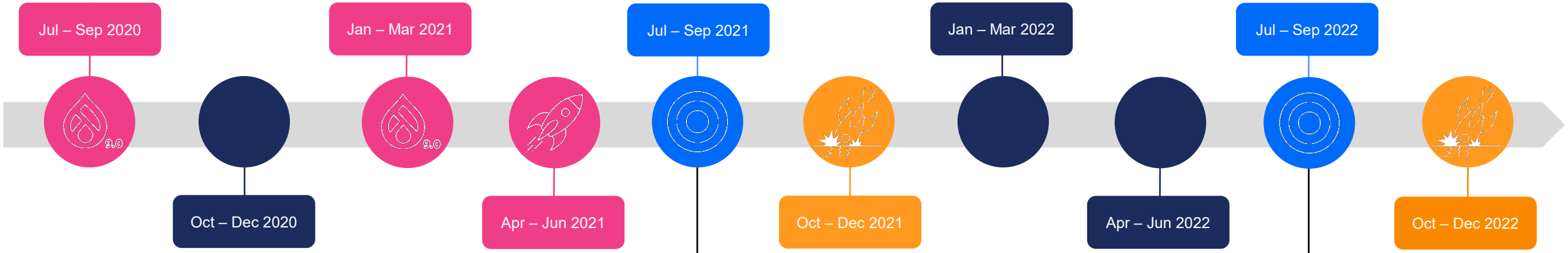


Security
Assessment

Launch
D9
Websites

Australian Government | GovCMS

Drupal 9 Timeline



D9 Foundations

D9 Security Assessment

D7 → D8

D8 → D9

D7 → D9

Path to launch D9 websites

2020		2021		2022	
15 Aug	Trial D9 Proof of Concept on GovTEAMS and GovCMS	10 Jan	D9 pre release(s) available	30 Aug	Target all current D7 websites moved to D9
31 Aug	D9 Proof of Concept completed	29 Apr	D9 distribution launch	28 Nov	D7 End of Life
31 Aug	D7 Agency intention inventory completed	30 Aug	Target all current D8 websites moved to D9		
11 Sep	D9 Proof of Concept available on GitHub	2 Nov	D8 End of Life		
30 Nov	D8 Agency intention inventory completed				

Now

Consolidated Repositories

D9:

- GovCMS/GovCMS
  - GovCMS-2.x branch → D9
  - GovCMS-1.x branch → D8
- GovCMS/Scaffold
- GovCMS/Lagoon

Proposed GovCMSD9 Release Schedule

Date	Release Version
29 January 2021	GovCMS2.0.0-alpha1
15 February 2021	GovCMS2.0.0-alpha2
1 March 2021	GovCMS2.0.0-beta1
15 March 2021	GovCMS2.0.0-beta2
29 March 2021	GovCMS2.0.0-RC1
12 March 2021	GovCMS2.0.0-RC2
29 April 2021	GovCMS2.0.0

JANUARY - APRIL

	January		February				March				April				
Su															**Su**
Mo			1	GovCMS2.0.0-alpha1	Security Assessment		1	GovCMS2.0.0-beta1	Security Assessment						Mo
Tu			2				2			D9 Event					Tu
We			3				3								We
Th			4				4				1	GovCMS2.0.0-rc1	Security Assessment	D9 Event	Th
Fr	1	New Year's Day	5				5				2			Good Friday	Fr
Sa	**2**		**6**				**6**				**3**			Easter Saturday	**Sa**
Su	**3**		**7**				**7**				**4**				**Su**
Mo	4		8				8				5			Good Friday	Mo
Tu	5		9			D9 Event	9				6			School Holidays	Tu
We	6		10				10				7				We
Th	7		11				11				8				Th
Fr	8		12				12				9				Fr
Sa	**9**		**13**				**13**				**10**				**Sa**
Su	**10**		**14**				**14**				**11**				**Su**
Mo	11		15	GovCMS2.0.0-alpha2			15	GovCMS2.0.0-beta2			12				Mo
Tu	12		16				16				13				Tu
We	13		17				17				14				We
Th	14		18				18				15				Th
Fr	15		19				19				16				Fr
Sa	**16**		**20**				**20**				**17**				**Sa**
Su	**17**		**21**				**21**				**18**				**Su**
Mo	18		22				22				19				Mo
Tu	19		23				23				20				Tu
We	20		24				24				21				We
Th	21		25				25				22				Th
Fr	22		26				26				23				Fr
Sa	**23**		**27**				**27**				**24**				**Sa**
Su	**24**		**28**				**28**				**25**			ANZAC Day	**Su**
Mo	25						29				26			ANZAC day	Mo
Tu	26	Australia Day					30	GovCMS2.0.0-rc1			27				Tu
We	27						31				28				We
Th	28										29				Th
Fr	29	GovCMS2.0.0-alpha1									30	**D9 LAUNCH**			Fr
Sa	**30**														**Sa**
Su	**31**														**Su**
Mo															Mo

D9 Distribution

ENABLED – "Locked"
Chaos Tool Suite
Clam AV
Config Ignore
Encrypt
Google Analytics
GovCMS Security
Honeypot
Key
Login Security
Password Policy
Real AES
Security Kit
Shield
Token
Two-factor Authentication (TFA)
Update Notifications Disable
Username Enumeration Prevention

Enabled
Google Authenticator login
GovCMSDLM
RobotsTxt
Redirect

Disabled		
Admin Toolbar	Entity Browser	Menu Trail By Path
*Adminimal - Responsive Administration Theme**	Entity Class Formatter	Metatag
*Adminimal Admin Toolbar**	Entity Embed	Migrate Cron
Big Menu	Entity Reference Display	Migrate File
CAPTCHA	Entity Reference Hierarchy	Migrate Plus
Chosen	Entity Reference Revisions	Migrate Source CSV
Components!	Environment Indicator	Migrate Tools
Config Filter	Events Log Track	Mini-Site
Configuration Split	Facets	Modifiers
Configuration Update Manager	Fast 404	*Panelizer**
Consumers	Field Group	*Panels**
Contact Storage	Focal Point	Paragraphs
Context	Govcms Consultation	Pathauto
Crop API	*GovCMS Foundations**	reCAPTCHA
Custom Permissions	*GovCMS Layouts**	Rest menu items
Data Visualisation Framework	*GovCMS Media**	Scheduled Transitions
Devel	Inline Entity Form	Search API
Diff	Linked Field	Search API attachments
*Display Suite**	Linkit	Search API Solr
DropzoneJS	Mail System	Simple OAuth
Dynamic Entity Reference	Media Entity File Replace	Simple XML sitemap
Embed	Menu Block	

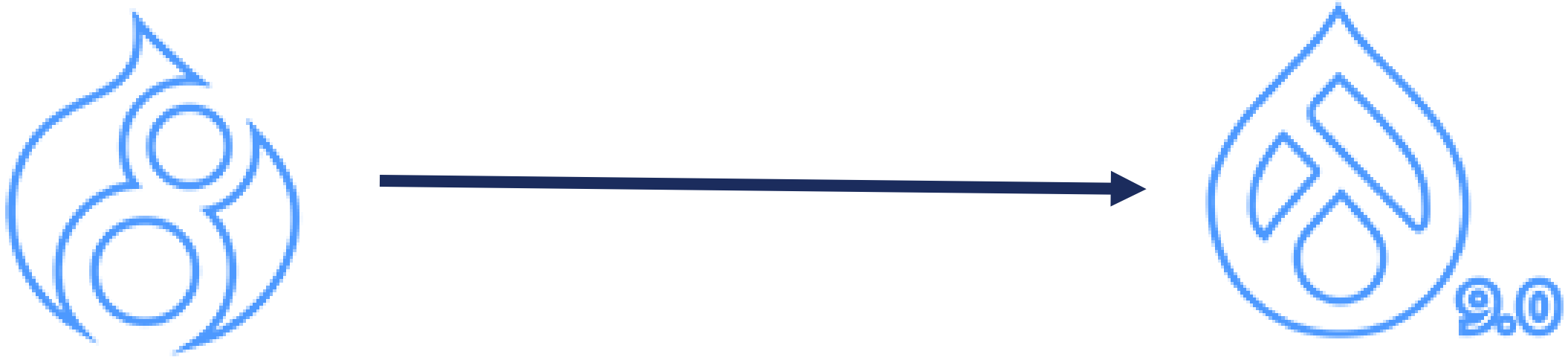
*Note: * Discourage future use*

D9 & TWO-FACTOR AUTHENTICATION

- By Default
  - Enabled for your project
  - Configured with unique encryption keys
  - Configured for Time Based Authenticator

Next

Path of D8 to D9



Path of D8 to D9

1. [WE] Create D9 feature branch
2. [YOU] Identify and fix any issues
3. [WE] Switch the D9 website live

MAY-AUGUST – THE PLAN

May				June				July				August			
Su												1			Su
Mo												2			Mo
Tu				1								3			Tu
We				2								4			We
Th				3				1				5			Th
Fr				4				2				6			Fr
Sa	1			5				3				7			Sa
Su	2			6	Group 3			4				8	Group 7		Su
Mo	3			7				5				9			Mo
Tu	4			8				6			School	10			Tu
We	5			9				7			Holidays	11			We
Th	6			10				8				12			Th
Fr	7			11				9				13			Fr
Sa	8			12				10				14			Sa
Su	9	Group 1		13				11	Group 5			15			Su
Mo	10			14	Queen's Birthday			12				16			Mo
Tu	11			15				13				17			Tu
We	12			16				14				18			We
Th	13			17				15				19			Th
Fr	14			18				16				20			Fr
Sa	15			19				17				21			Sa
Su	16			20	Group 4			18				22	Group 8		Su
Mo	17			21				19				23			Mo
Tu	18			22				20				24			Tu
We	19			23				21				25			We
Th	20			24				22				26			Th
Fr	21			25				23				27			Fr
Sa	22			26				24				28			Sa
Su	23	Group 2		27				25	Group 6			29			Su
Mo	24			28		School		26				30			Mo
Tu	25			29		Holidays		27				31			Tu
We	26			30				28							We
Th	27							29							Th
Fr	28							30							Fr
Sa	29							31							Sa
Su	30														Su
Mo	31														Mo

D8 to D9 Issues Snippets

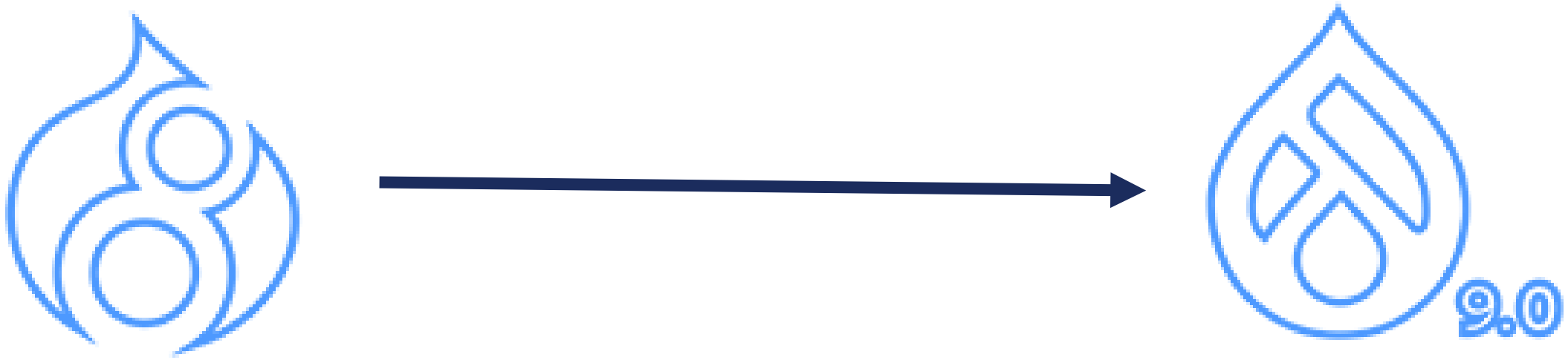
- This one works really well, except for `base theme` and the following line, where the service name needs to be changed to `path_alias.manager`.$variables['current_path'] = \Drupal::service('path.alias_manager')->getAliasByPath($current_path);

- *Drupal\Component\Plugin\Exception\PluginNotFoundException*: The "page_12_12" plugin does not exist. Valid plugin IDs for Drupal\Core\Layout\LayoutPluginManager

- Clean upgrade except for the database upgrades with panels_ipe.
  [error] Update aborted by: panels_ipe_update_8401

- Theme changes required:
  - service name references.
    Symfony\Component\DependencyInjection\Exception\ServiceNotFoundException: You have requested a non-existent service "path.alias_manager". Did you mean one of these: "path_alias.manager", "hal.link_manager"? in *Drupal\Component\DependencyInjection\Container->get()* (line *151* of *core/lib/Drupal/Component/DependencyInjection/Container.php*).
  - function call change
    Error: Call to undefined function drupal_render()
    in *agriculture_base_preprocess_menumain()* (line *75* of *sites/default/themes/agriculture_base/includes/navigation.inc*).

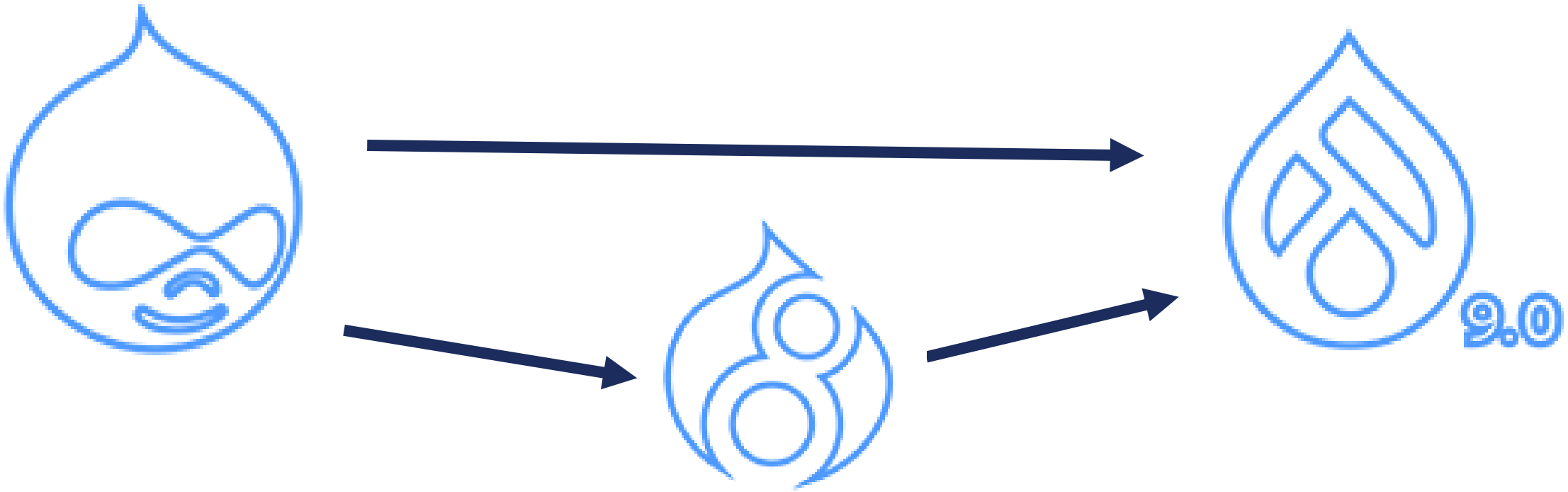
Path of D8 to D9



gif-finder.com

Next

Path of D7 to D9



MAY-AUGUST – THE PLAN

May				June				July				August			
Su												1			Su
Mo												2			Mo
Tu				1								3			Tu
We				2								4			We
Th				3				1				5			Th
Fr				4				2				6			Fr
Sa	1			5				3				7			Sa
Su	2			6	Group 3			4				8	Group 7		Su
Mo	3			7				5				9			Mo
Tu	4			8				6			School	10			Tu
We	5			9				7			Holidays	11			We
Th	6			10				8				12			Th
Fr	7			11				9				13			Fr
Sa	8			12				10				14			Sa
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Tu	11			15				13				17			Tu
We	12			16				14				18			We
Th	13			17				15				19			Th
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Mo	17			21				19				23			Mo
Tu	18			22				20				24			Tu
We	19			23				21				25			We
Th	20			24				22				26			Th
Fr	21			25				23				27			Fr
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We	26			30				28							We
Th	27							29							Th
Fr	28							30							Fr
Sa	29							31							Sa
Su	30														Su
Mo	31														Mo

Upcoming D9 Events

D9 Local Setup Demonstration
Wednesday 3 March, at 1:30-2:30 pm

The Path to D9
Thursday 1 April 2021, at 2:00pm-3:00pm

Questions ?

Meet the D9 Project Team

Thank You