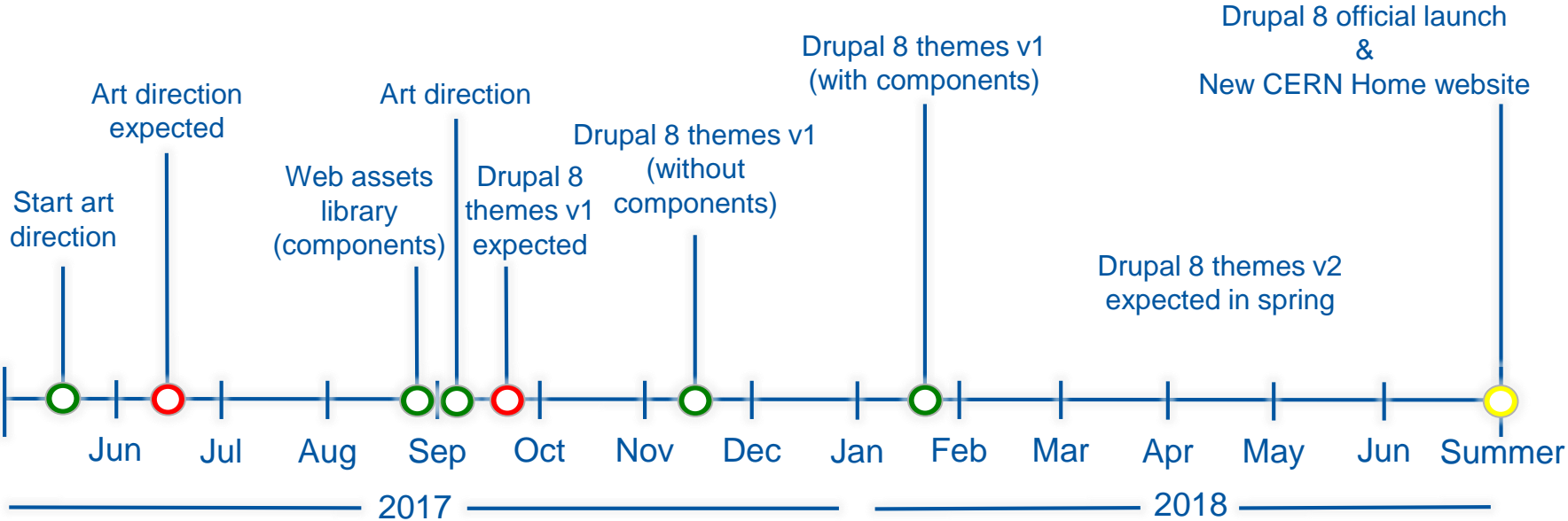


Drupal infrastructure updates

Romanos Dodopoulos, Ismael Posada Trobo and Eduardo Alvarez Fernandez

Entice meeting
26-02-2018

Timeline



Drupal 7 infrastructure report

- 1017 websites
 - 581 Official, 46 Personal, 342 test, 48 blocked
- Normal traffic around 100 req/sec
 - Regular spikes of 200-300 req/sec
- Meltdown and Spectre January
- Http to https redirection
- ImageMagick library
- Version upgrade improvements (Wizard screen)
- CAPTCHA campaign
- Drupal 7.57 upgrade in progress

Drupal 7 infrastructure plans

- Not expected changes until Summer
- Once D8 arrives to production state
 - D7 creation will be disabled from WebServices
- Service will still be provided until the Drupal 7 EOL (End-of-Life) ~2019/2020
- We will keep administrators informed

Drupal 8 infrastructure report

- Pilot opened in February 2018
 - <https://cern.ch/webservices>
- 47 websites
- Initial draft of central modules defined
 - http://entice.web.cern.ch/module-catalogue?field_core_version_value=d8

Drupal 8 infrastructure report

- Community modules
 - Similar functionality can be achieved by using the centrally managed modules offer
 - Still specific modules/themes can be installed on sites
- Custom CERN modules
 - CDS_Media
 - Dev_Status (dev banner and IP Restrictions)
 - Indico_Feeds (Import Indico events)
 - DisplayName (Show user better names on Authors)

Drupal 8 infrastructure report

- Site's access blocked for access only within CERN until summer
 - Policy verifier will be in place
- Drupal 7 to Drupal 8 site migration
 - Has to be requested by administrators (ServiceNow)
 - Important: It's not a full migration and requires validation by the administrators of the site
 - Things to expect, content, menus, users, permissions, blocks
 - Not expect Views, functionality of non core modules, ...
 - More details, <http://entice.web.cern.ch/drupal8pilotInfo>

Drupal 8 infrastructure report

- New log viewer (access, error, drupal)
- `/_site/logs/`

CERN Accelerating science

Signed in as: Eduardo Alvarez Fernandez Sign out Directory

SITE MANAGEMENT INTERFACE:	SITE TYPE:	DRUPAL VERSION:
template-cern-theme-d8.web.cern.ch	test	8.4.5

Site logs

View Access logs, show 20 results, sorted From newer to older at day 2018-02-26 Auto-Refresh? every 20 second(s)

```
2018-02-26T10:56:13.718903+01:00 drupal8dev11 httpd: [8314] [server template-cern-theme-d8.web.cern.ch] 10.16.139.88 128.141.210.168 - - [26/Feb/2018:10:56:13 +0100] "GET /_site/logs/index.php HTTP/1.1" 200 12221 "https://template-cern-theme-d8.web.cern.ch/_site/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:58.0) Gecko/20100101 Firefox/58.0" 443 8314

2018-02-26T10:56:13.739332+01:00 drupal8dev11 httpd: [301] [server template-cern-theme-d8.web.cern.ch] 10.16.139.88 128.141.210.168 - - [26/Feb/2018:10:56:13 +0100] "GET /_site/logs/images/loading.gif HTTP/1.1" 200 14971 "https://template-cern-theme-d8.web.cern.ch/_site/logs/index.php" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:58.0) Gecko/20100101 Firefox/58.0" 443 301

2018-02-26T10:56:11.156715+01:00 drupal8dev11 httpd: [472] [server template-cern-theme-d8.web.cern.ch] 10.16.139.88 128.141.210.168 - - [26/Feb/2018:10:56:11 +0100] "GET /_site/layout/77style.css HTTP/1.1" 200 18245 "https://template-cern-theme-d8.web.cern.ch/_site/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:58.0) Gecko/20100101 Firefox/58.0" 443 472

2018-02-26T10:56:11.157418+01:00 drupal8dev11 httpd: [966] [server template-cern-theme-d8.web.cern.ch] 10.16.139.88 128.141.210.168 - - [26/Feb/2018:10:56:11 +0100] "GET /_site/layout/jquery.js HTTP/1.1" 200 284184 "https://template-cern-theme-d8.web.cern.ch/_site/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:58.0) Gecko/20100101 Firefox/58.0" 443 966

2018-02-26T10:56:11.156284+01:00 drupal8dev11 httpd: [4312811] [server template-cern-theme-d8.web.cern.ch] 10.16.139.88 128.141.210.168 - - [26/Feb/2018:10:56:06 +0100] "GET /null HTTP/1.1" 404 18308 "https://template-cern-theme-d8.web.cern.ch/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:58.0) Gecko/20100101 Firefox/58.0" 443 4312811

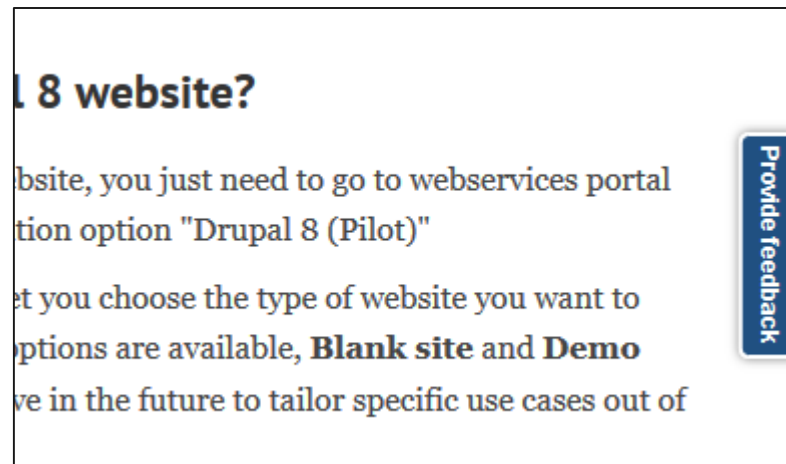
2018-02-26T10:56:11.227371+01:00 drupal8dev11 httpd: [222] [server template-cern-theme-d8.web.cern.ch] 10.16.139.88 128.141.210.168 - - [26/Feb/2018:10:56:11 +0100] "GET /_site/layout/77images/line_1.png HTTP/1.1" 200 131 "https://template-cern-theme-d8.web.cern.ch/_site/layout/77screen.css" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:58.0) Gecko/20100101
```

Drupal 8 infrastructure plans

- Two profiles (Blank – Template)
 - More to come with the final version
- Consolidation of the infra, monitoring, health and alerts
- Cern Search integration
 - Waiting for the new project Search as a Service
- Preparation of Production environment
 - Waiting for hardware

Feedback options

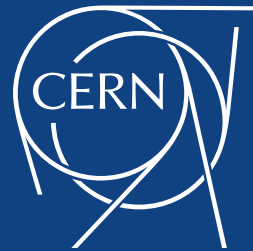
- Entice page
 - <http://entice.web.cern.ch/drupal8pilotInfo>
- Directly on the website as admin



- Entice forums

Thank you!

Q&A



www.cern.ch