

Drupal 8 Preview

Kicking the tires on Drupal 8

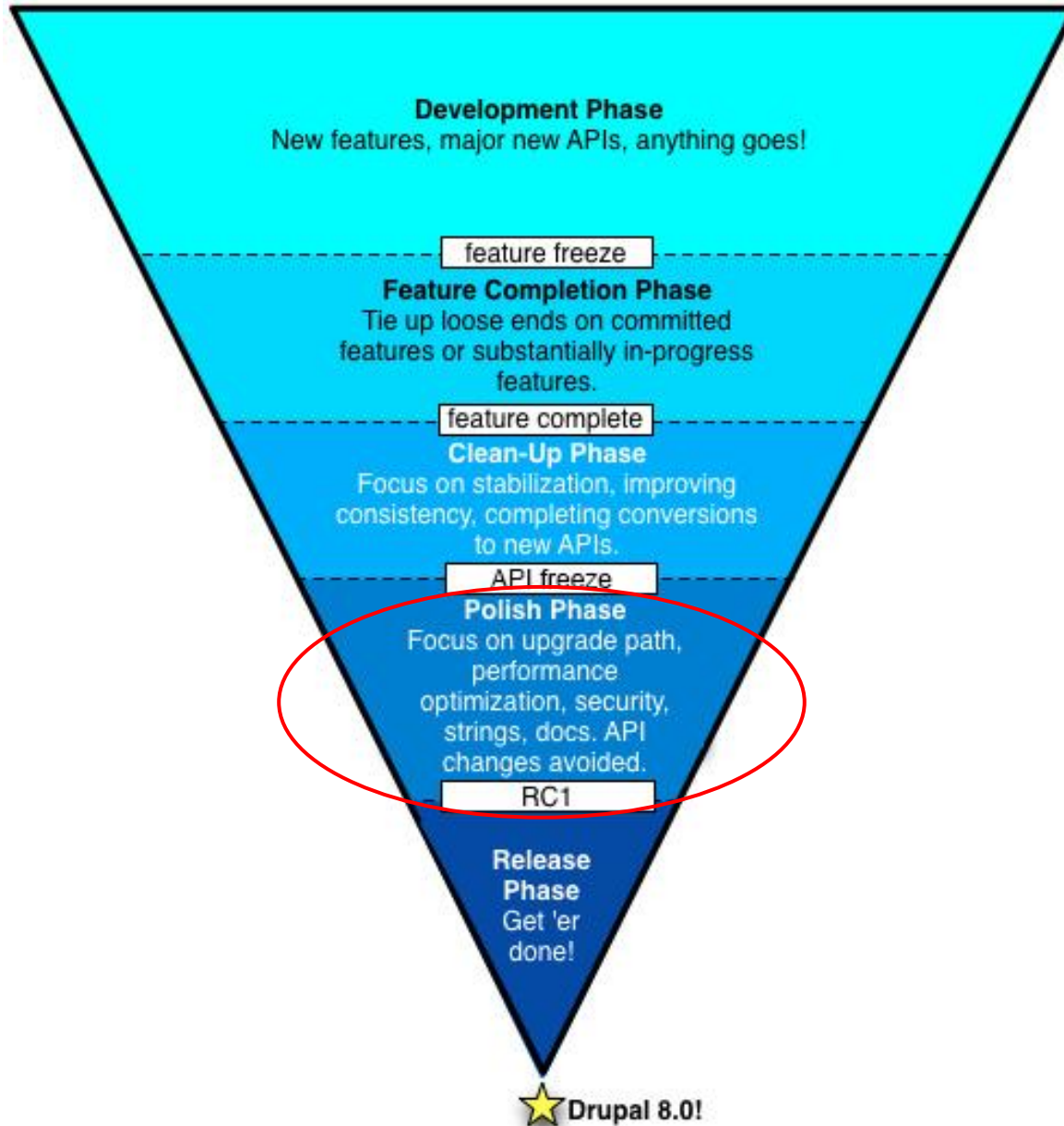
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Christopher J. Wells

Redfin Solutions



Phases of Drupal core's release cycle

Each phase successively closes off types of patches that are accepted, gradually narrowing scope until Drupal 8.0 is ready to ship!



API Freeze*

- "The road to the first beta"
- Work on critical bugs & tasks
- Upgrade path from D7
- Performance
- More details here: <http://buytaert.net/drupal-8-api-freeze>

*formerly known as a code freeze

When will D8.0 be released?

- WebStocks.ws: November 15
- DrupalReleaseDate.com:
January, 28, 2014
- My guess: November 20
- The truth: When it's ready



Installing Drupal 8

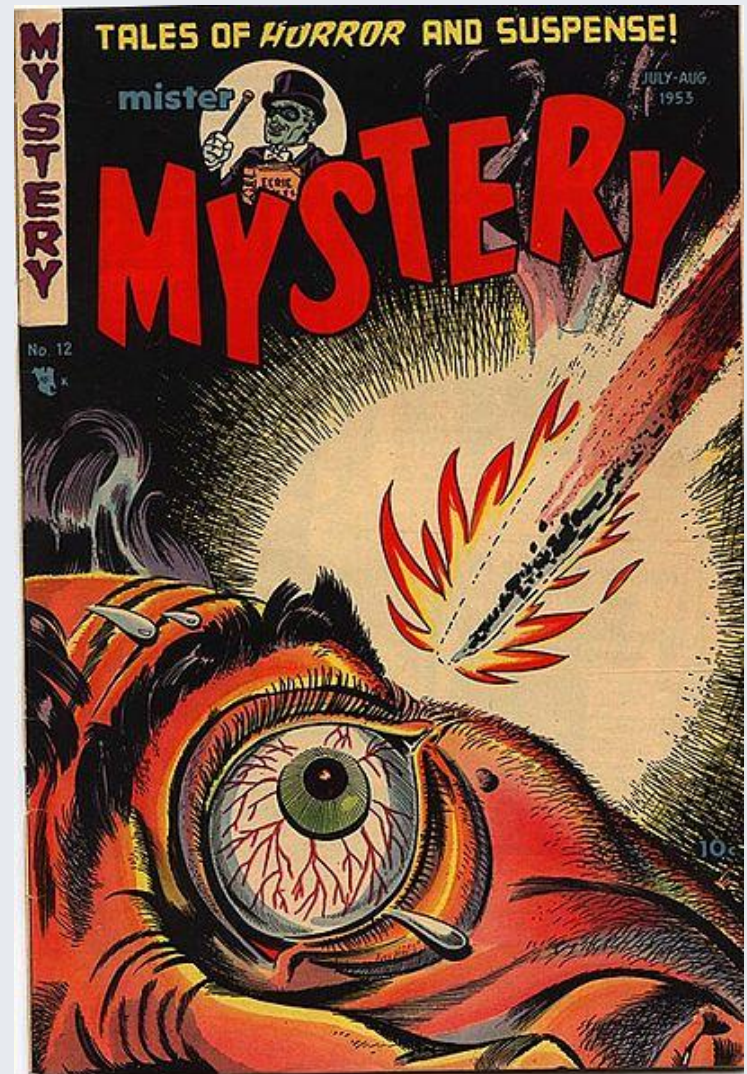


Photo: [GDC](#), Public Domain

Minimum Requirements

- PHP 5.3.10 + CURL extension
- Apache (recommended), but will also Nginx, or MS IIS (Maybe only IIS7 and PHP tweaks)
- MySQL or equivalent (eg MariaDB) but DB abstraction layer allows for other options.
- Disk space: 60 MB is recommended
- Browsers:
 - IE8+
 - FF 5+
 - Chrome
 - Safari 5+
 - Opera 5+





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Downloading D8 Core

- Drush

```
jp@pezysputer2: /var/www/d8test.localhost$ drush dl drupal-8.x  
Project drupal (8.x-dev) downloaded to  
/var/www/d8test.localhost/drupal-8.x-dev.
```

[success]

- Git
<https://drupal.org/node/3060/git-instructions/8.x>
- Manual download
<https://drupal.org/node/3060/release>
- Cloud versions
 - Pantheon: [Coming Soon](#)
 - [SimplyTest.Me](#): Yep
 - Any others?

Installation Process



Photo: Christopher Chappellear, CC Attribution

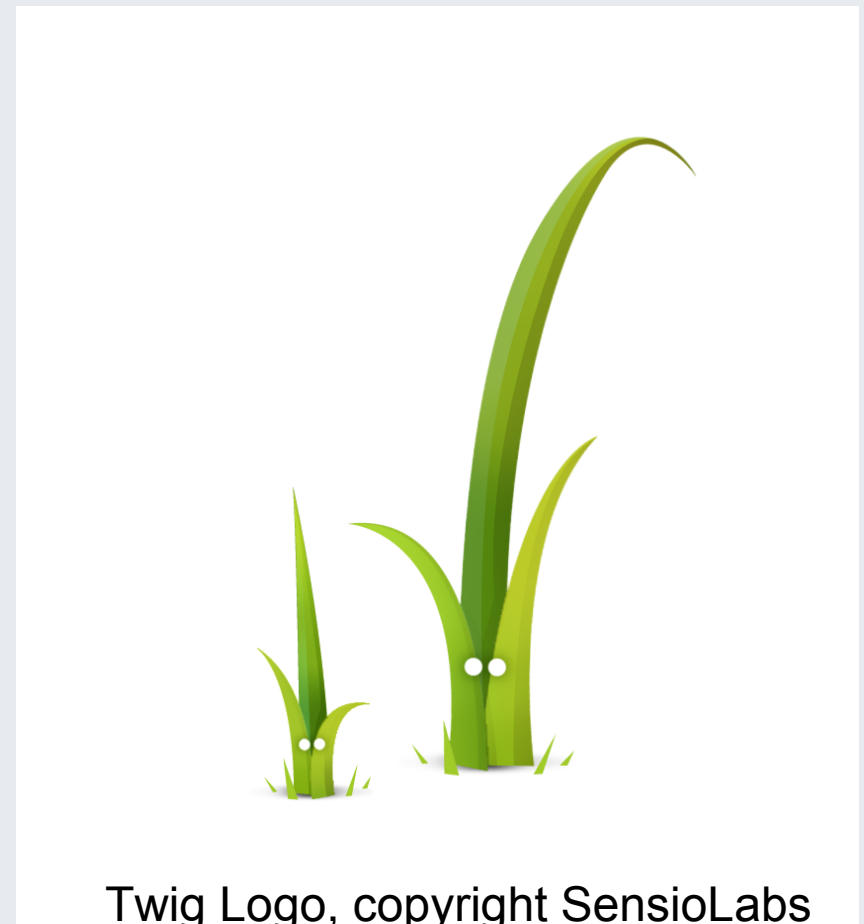
Front-end Initiatives

- Content authoring initiative
- Responsive



Twig

- [Twig](#): an open source template engine for PHP



Twig Logo, copyright SensioLabs

block.tpl.php vs block.html.twig

```
1 + <?php
47 = <div id="<?php print $block_html_id; ?>" class="<?php print $classes; ?>"<?php print $attributes; ?>
48
49   <?php print render($title_prefix); ?>
50 <?php if ($block->subject): ?>
51   <h2<?php print $title_attributes; ?><?php print $block->subject ?></h2>
52 <?php endif;?>
53   <?php print render($title_suffix); ?>
54
55 = <div class="content"<?php print $content_attributes; ?>
56   <?php print $content ?>
57 </div>
58 </div>
59
```

```
1 + {#
44 = <div{{ attributes }}>
45   {{ title_prefix }}
46   {% if label %}
47   <h2{{ title_attributes }}>{{ label }}</h2>
48   {% endif %}
49   {{ title_suffix }}
50
51 = <div{{ content_attributes }}>
52   {{ content }}
53 </div>
54 </div>
55
```


Views in Core

- Front Page
- Taxonomy pages (todo)
- admin/people page
- admin/content page



Config Management

Many settings have been moved out of the DB and into the following folder:

```
/sites/default/files/config_*/active
```

Where * = site's unique hash



YAML Format

receipt: Oz-Ware Purchase Invoice

date: 2012-08-06

customer:

given: Dorothy

family: Gale

items:

- part_no: A4786

descrip: Water Bucket (Filled)

price: 1.47

quantity: 4

- part_no: E1628

descrip: High Heeled "Ruby" Slippers

size: 8

price: 100.27

quantity: 1

bill-to: &id001

street: |

123 Tornado Alley

Suite 16

city: East Centerville

state: KS

ship-to: *id001

specialDelivery: >

Follow the Yellow Brick

Road to the Emerald City.

Pay no attention to the

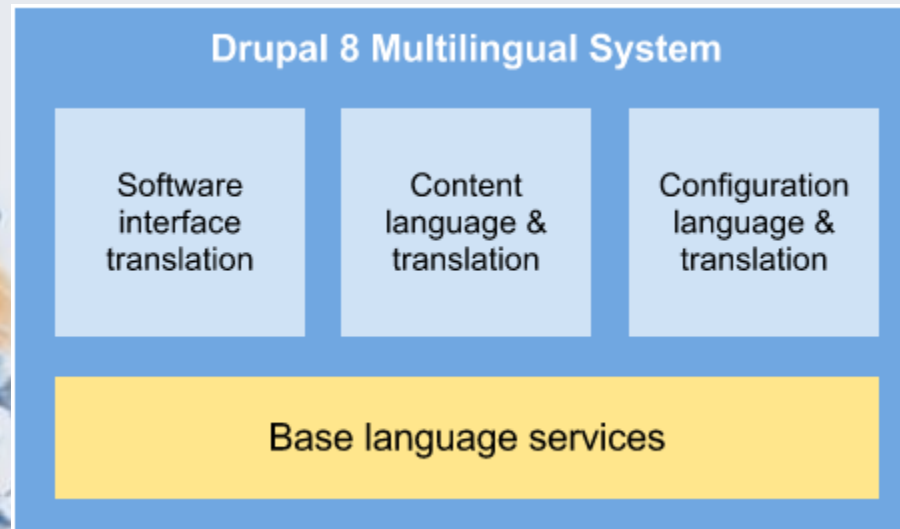
man behind the curtain.

...

Multilingual

Some key points:

- Leverage Config Management
- Make it easy to use another language from point 0
- Store translations on localize.drupal.org for re-use



al development

www.redfinsolutions.com

Web Services

Let's "make Drupal a first class REST server."

-- Larry Garfield (Crell)





Symfony / OOP



“We believe that [these changes] will achieve the right balance between empowering Drupal's design and architecture, and moving toward more modern, standard, well-tested code and techniques....”

Q&A

