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Vorschau auf Drupal 8

Tobias Stöckler

Agenda

- Wann kommt Drupal 8.0 raus?
- Was kommt auf jeden Fall?
- Worauf darf man hoffen?
- Q & A

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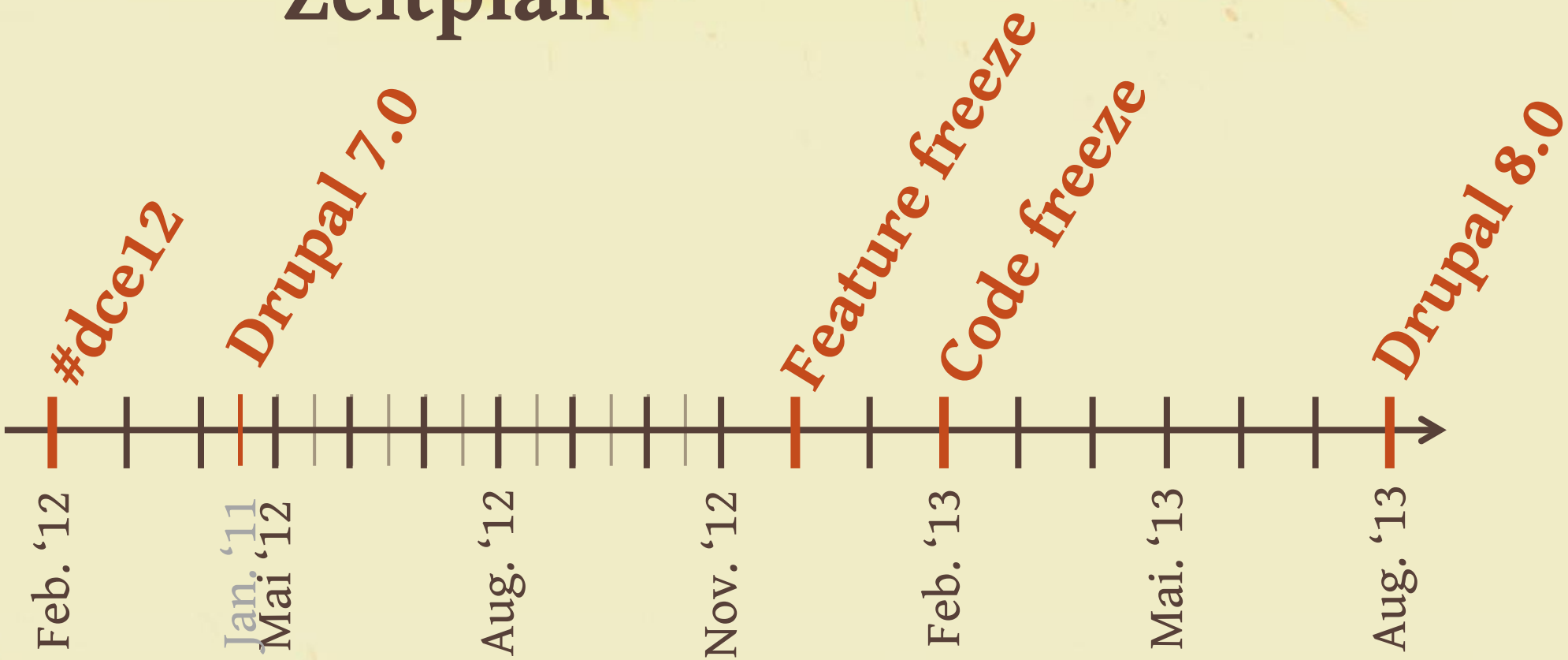
Zeitplan



http://buytaert.net/drupal-8-feature-freeze-december-1st-2012

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drupal-8.x-dev

vs.

drupal-7.x-dev

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Hauptverzeichnis

- .gitignore
- .htaccess
- CHANGELOG.txt
- COPYRIGHT.txt
- INSTALL.mysql.txt
- INSTALL.pgsql.txt
- INSTALL.sqlite.txt
- INSTALL.txt
- LICENSE.txt
- MAINTAINERS.txt
- README.txt
- UPGRADE.txt
- authorize.php
- cron.php
- includes
- index.php
- install.php
- misc
- modules
- profiles
- robots.txt
- scripts
- sites
- themes
- update.php
- web.config

- .htaccess
- README.txt
- core
- example.gitignore
- index.php
- profiles
- robots.txt
- sites
- web.config

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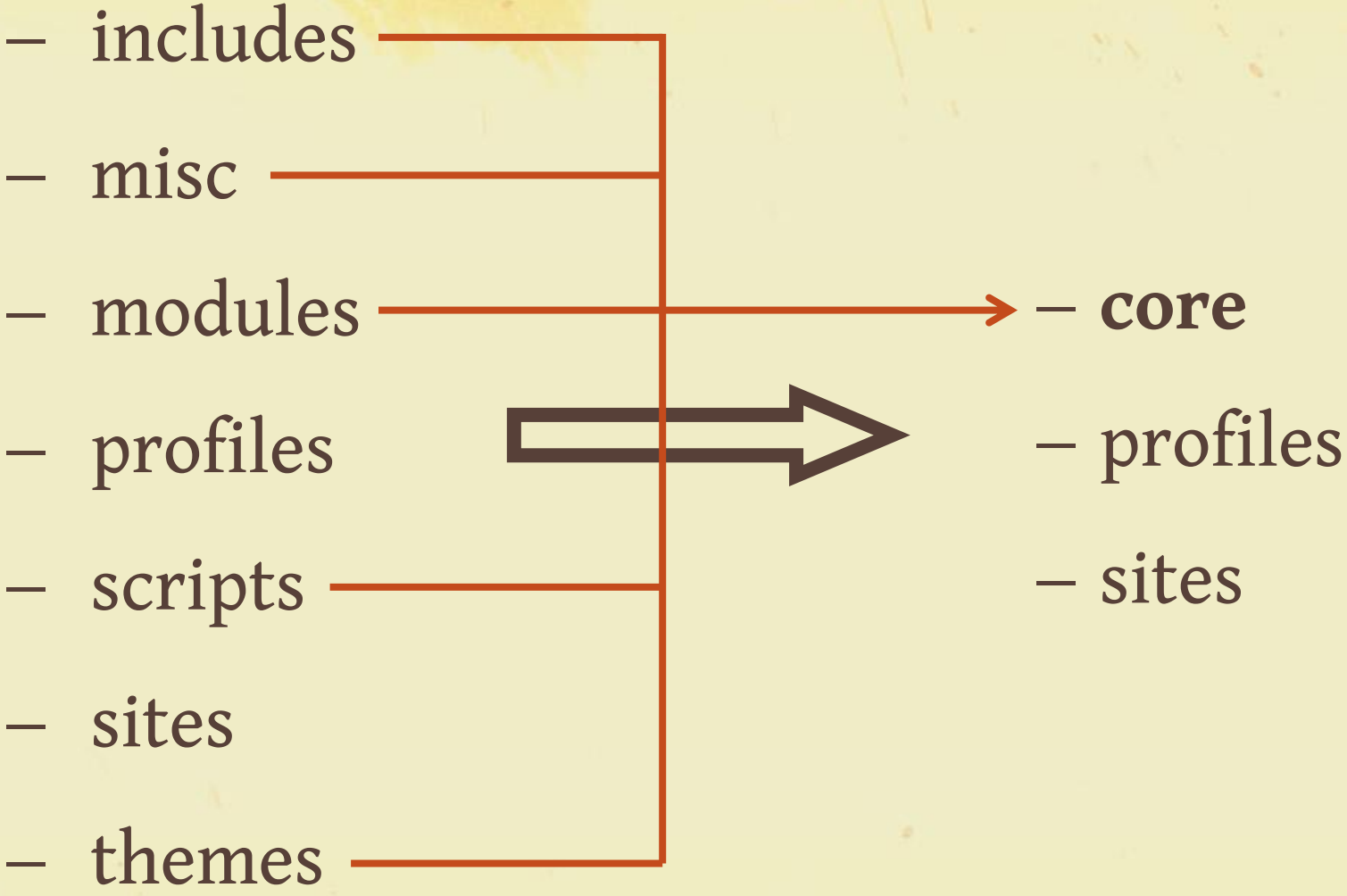
Hauptverzeichnis



Hauptverzeichnis

- core
  - modules
  - themes
- sites
  - all
    - modules
    - themes
  - example.com
    - modules
    - themes

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core Verzeichnis

- includes
- **lib**
- misc
- modules
- scripts
- **tests**
- themes
- **vendor**

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PSR-0

PHP Standards Recommendation #0

Lazy-loading

PHP 5.3

OOP

Namespaces

Namespace:	\Symfony\Core\Request
Filepath:	/path/to/project/lib/vendor/Symfony/Core/Request.php

https://wiki.php.net/rfc/splclassloader

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lib Verzeichnis

Drupal

Core

Components

- Cache

```
// Drupal 7
cache_get($bin, $cid);

// Drupal 8
cache($bin)->get($cid);
```

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lib Verzeichnis

Drupal

Core

- Cache
- Lock
- FileTransfer

Components

- Database

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core Verzeichnis

- includes
- **lib**
- misc
- modules
- scripts
- **tests**
- themes
- **vendor**

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vendor Verzeichnis

- ClassLoader
- HttpFoundation
- Form
- Locale
- Templating
- Translation

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Module & Themes

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Neue Module

– entity.module

```
class Entity implements EntityInterface {
  …
}

class Comment extends Entity {
  …
}

$values = array('subject' => 'Hey there!');
$comment = entity_create('comment', $values);
$comment->save();
```

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Neue Module

- entity.module
- language.module

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Tschüss, Schrott!

~~blog.module~~

~~trigger.module~~

~~profile.module~~

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Tschüss, Schrott!

~~garland~~

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Tschüss, Schrott!

~~Internet Explorer 6~~

~~Internet Explorer 7~~

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Die kleinen Perlen

- CSS clean-up
- HTML5
- UUIDs
- jQuery 1.7

Core Initiatives

- Configuration management (#cmi)
- Web Services and Context (#wscci)
- Design
- Multilingual (#d8mi)
- HTML5
- Mobile

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Configuration management

Owner: Greg Dunlap (heyrocker)

core/modules/system/config/system.performance.xml

```
<?xml version="1.0"?>
<config>
  <cache>0</cache>
  <cache_lifetime>0</cache_lifetime>
  <page_cache_maximum_age>0</page_cache_maximum_age>
  <page_compression>0</page_compression>
  <preprocess_css>0</preprocess_css>
  <preprocess_js>0</preprocess_js>
</config>
```

http://drupalcode.org/sandbox/heyrocker/1145636.git

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Web services and context

Owner: Larry Garfield (Crell)

„Drupal = REST-Server“

„Panels in core“

http://buytaert.net/the-future-is-a-restful-drupal

http://garfieldtech.com/blog/refocusing-wscci

http://drupalcode.org/sandbox/Crell/1260830.git

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Design

Owner: Jeff Burnz

Neues Core-Theme

D4D

http://drupal.org/node/1089096

Multilingual

Owner: Gábor Hojtsy

Problem: Use-cases

Einsprachig vs. Mehrsprachig vs. Übersetzung

Inhalt vs. Interface vs. Konfiguration

LANGUAGE_NONE

http://hojtsy.hu/d8mi

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Multilingual

Owner: Gábor Hojtsy

Lösung: Baukastensystem

- language.module
- entity_translation.module/ content_translation.module
- interface_translation.module

http://hojtsy.hu/d8mi

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Multilingual

Owner: Gábor Hojtsy

Lösung: API-cleanup

- language_load($language)
- $node->langcode

http://hojtsy.hu/d8mi

Multilingual

Owner: Gábor Hojtsy

Usability:

- sites/default/files/translations
- l10n_install
- l10n_update

http://hojtsy.hu/d8mi

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HTML5

Owner: Jacine Luisi (Jacine)

HTML5 elements/attributes

```
$form[‘name‘] = array(
  ‘#type‘ => ‘textfield‘,
  ‘#placeholder‘ => t(‘Enter your name…‘),
);
```

http://groups.drupal.org/html5

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HTML5

Owner: Jacine Luisi (Jacine)

HTML5 elements/attributes

Templates

```
-<div id="toolbar">
+<nav id="toolbar" role="navigation">
```

http://groups.drupal.org/html5

HTML5

Owner: Jacine Luisi (Jacine)

HTML5 elements/attributes

Templates

HTML5 Shiv

http://groups.drupal.org/html5

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Mobile

Owner: John Albin Wilkins (John Albin)

Responsive Core Themes

Front-End performance

http://palantir.net/blog/drupal-8-mobile-initiative

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Shoot for the stars!

Theme system / Render system

http://drupal.org/node/1382350

Designer müssen PHP können

Inkonsistenz

Zu viele Möglichkeiten es „falsch“ zu machen

Configuration vs. Theming

Shoot for the stars!

Theme system / Render system

http://drupal.org/node/1382350

Theme engine: Twig

http://drupal.org/node/1441320

```
{{ var }}
{{ var|escape }}
{{ var|e }}
```

Shoot for the stars!

Theme system / Render system

http://drupal.org/node/1382350

Theme engine: Twig

http://drupal.org/node/1441320

```
{% for user in users %}
  * {{ user.name }}
{% else %}
  No user have been found.
{% endfor %}
```

Shoot for the stars!

Theme system / Render system

http://drupal.org/node/1382350

Theme engine: Twig

http://drupal.org/node/1441320

```
{% extends "layout.html" %}

{% block content %}
  Content of the page...
{% endblock %}
```

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Fragen?

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Vielen Dank für die Aufmerksamkeit!