



Sunday, June 10, 2012





Sunday, June 10, 2012



Sunday, June 10, 2012

hook_future_alter()

by Jen Lampton

Twin Cities Drupal Camp, 2012

WHO AM I?

ME

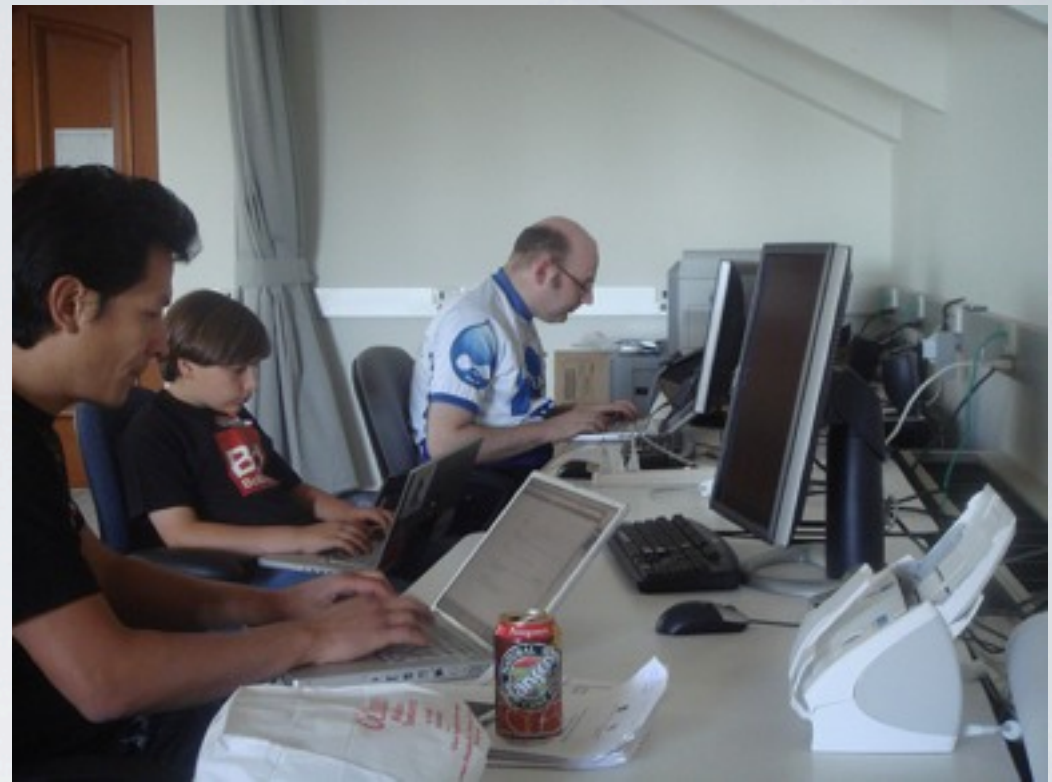
Building websites since 1997



ME

Building websites since 1997
Building Drupal websites since 2006





ME

Building websites since 1997

Building Drupal websites since 2006

Building Drupal communities since 2007


```
1 <?php
2
3 /**
4  * @file
5  * This module enables an administrative dashboard
6  */
7
8 include_once('includes/total_control.inc');
9 include_once('includes/total_control.views_default.inc');
10
11 define('TOTAL_CONTROL_REQUIRED_PANELS_API', '3');
12 define('TOTAL_CONTROL_REQUIRED_VIEWS_API', '2');
13 // This is the name of the dashboard as the page title
14 define('TOTAL_CONTROL_DASHBOARD_PANEL_NAME', 'drupal-admin');
15 define('TOTAL_CONTROL_MINIMUM_VERSION', 2);
16 define('TOTAL_CONTROL_VERSION', 2);
17
```

ME

Building websites since 1997

Building Drupal websites since 2006

Building Drupal communities since 2007

Building Drupal modules since 2008



ME

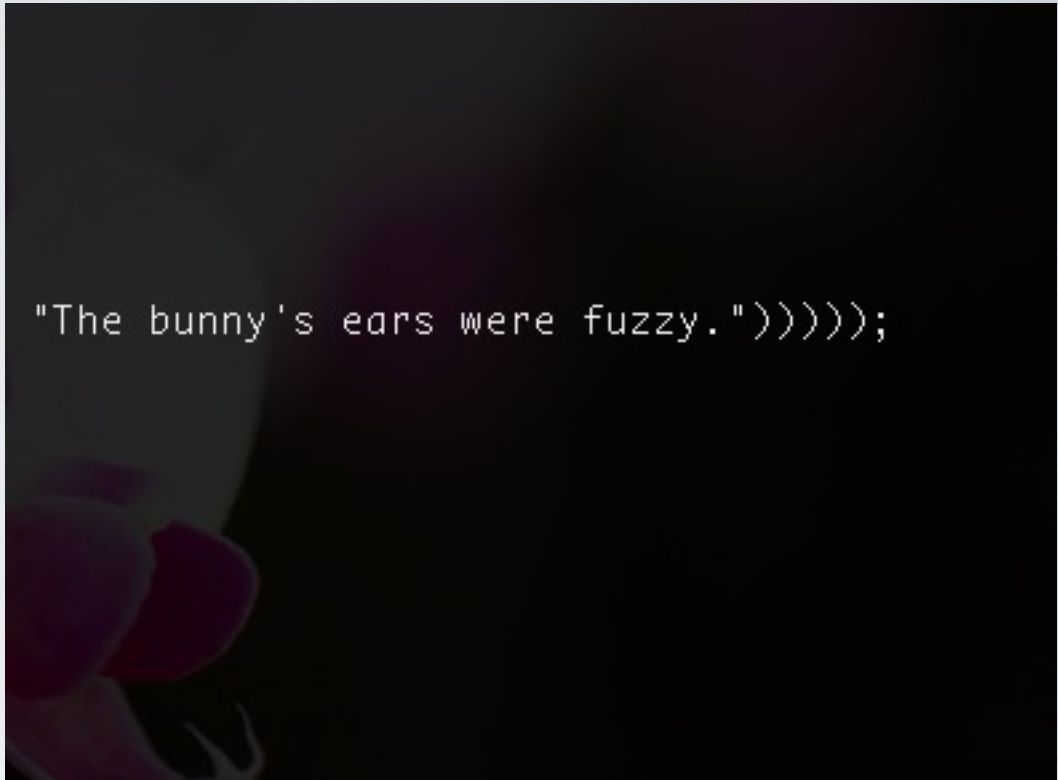
Building websites since 1997

Building Drupal websites since 2006

Building Drupal communities since 2007

Building Drupal modules since 2008

Building Drupal knowledge since 2010



"The bunny's ears were fuzzy."))));

ME

Building websites since 1997

Building Drupal websites since 2006

Building Drupal communities since 2007

Building Drupal modules since 2008

Building Drupal knowledge since 2010

Building Drupal core since 2012*

I < 3





IT'S STILL FUN



COMMUNITY IS STILL GREAT



PEOPLE ARE STILL AWESOME



...AND I'M STILL WORRIED

DRUPAL 7 IS HARD TO USE

“Usability”



DRUPAL 7 IS HARD TO USE

ABSTRACT CONCEPTS

Content types

Fields

View modes

User roles

LOTS OF WORK TO DO

DRUPAL 7 IS HARD TO USE

CONFUSING INTERFACES

- Modules list
- Field UI
- Views UI
- Page manager

LOTS OF WORK TO DO

DRUPAL 7 IS HARD TO USE

POOR TERMINOLOGY

node

taxonomy

module

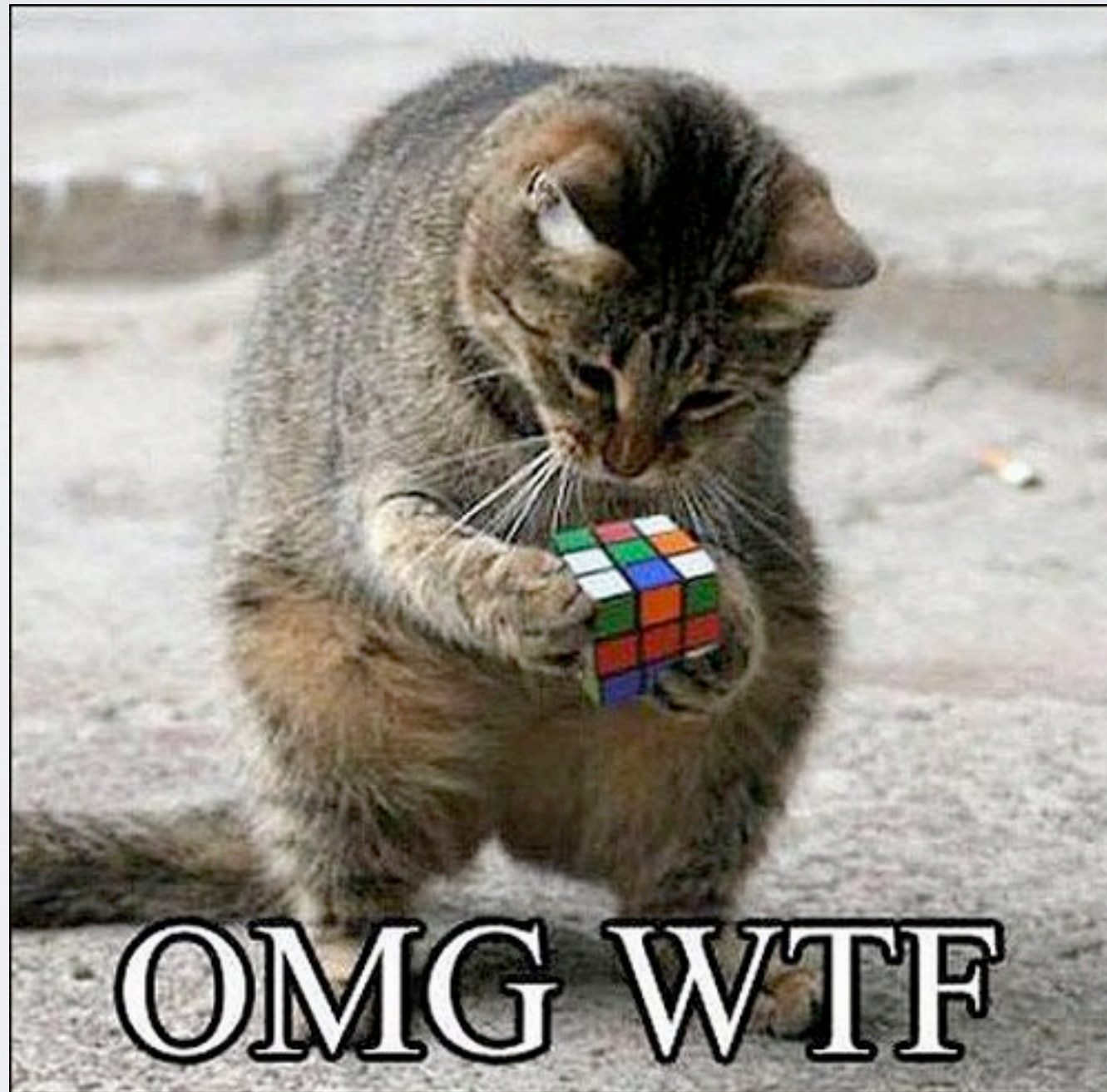
distribution

profile

LOTS OF WORK TO DO

DRUPAL 7 IS HARD TO LEARN

“Learnability”



DRUPAL 7 IS HARD TO LEARN

INCONSISTENCY

“When do I return render array vs a string of HTML?”

“When do I use db_query vs a DNTNG query?”

“Is \$created a timestamp or a formatted date?”

“Do I use hyphens here or underscores?”

LOTS OF WORK TO DO

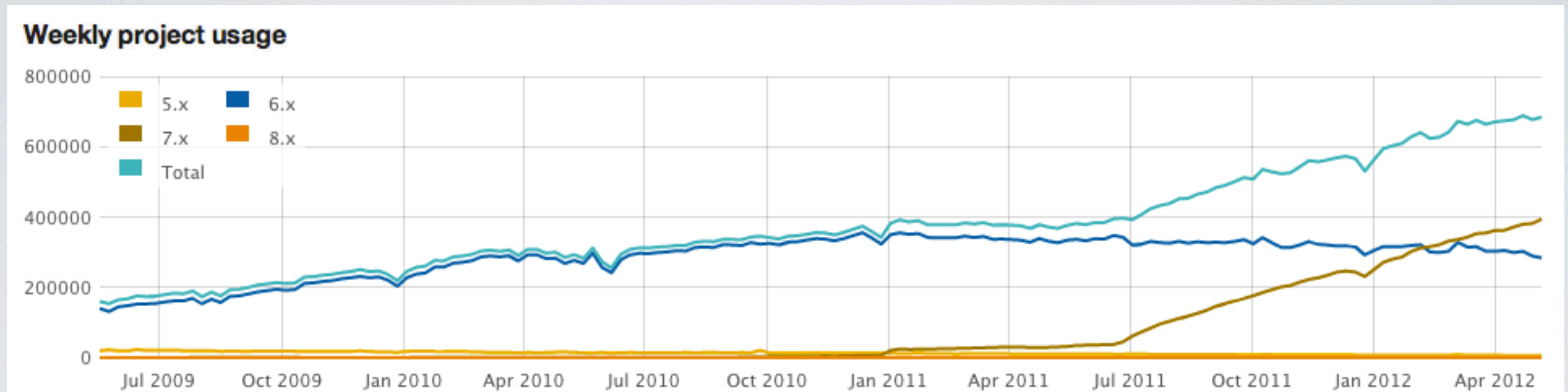
DRUPAL 7 IS HARD TO LEARN

UNAPPROACHABILITY

- first impressions
- readability of files
- familiarity of patterns

LOTS OF WORK TO DO

DRUPAL IS GROWING



May 2012: 684,055 installs

May 2011: 367,766 installs

PEOPLE DON'T SCALE



<http://randyfay.com/node/110>

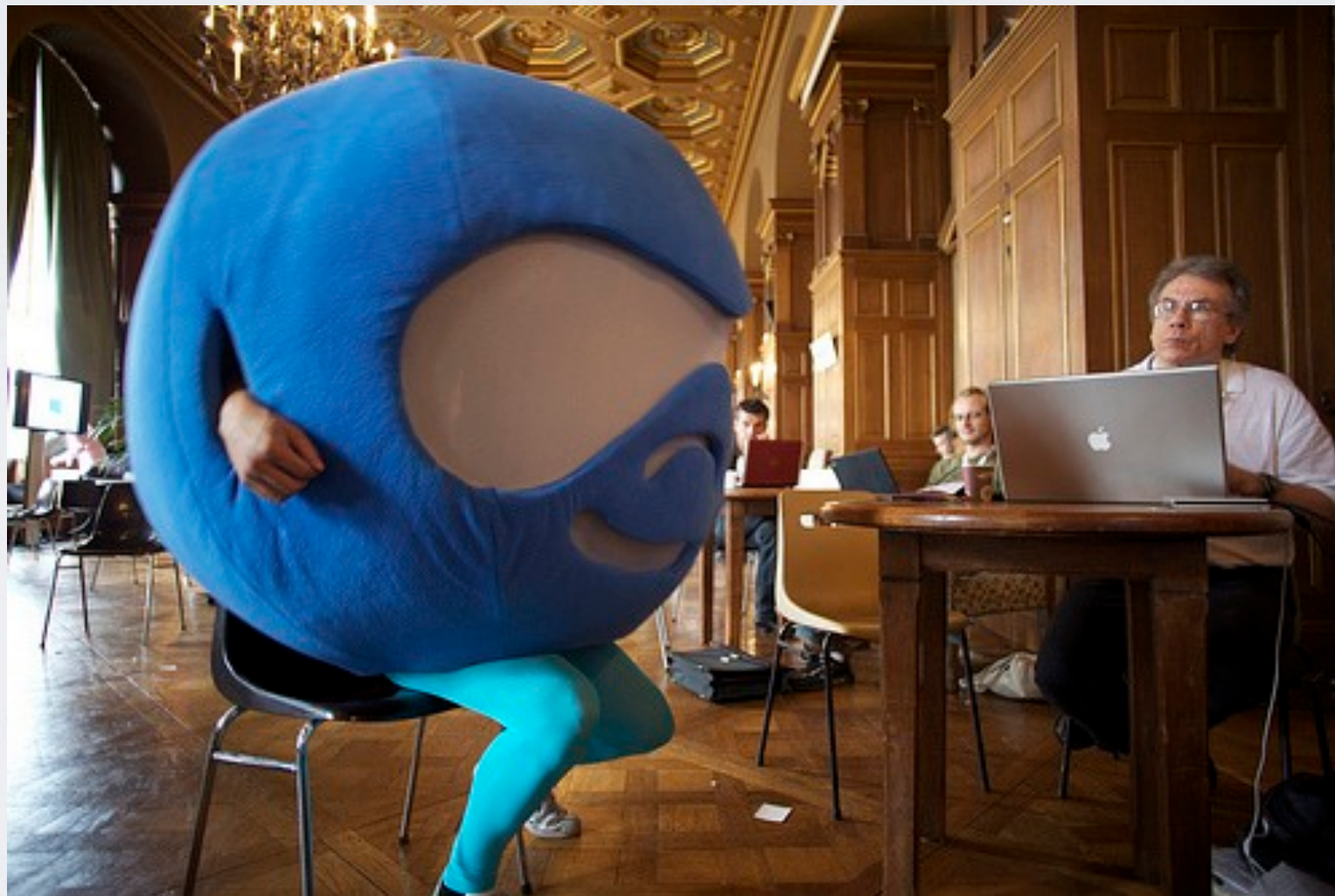
<http://www.lullabot.com/podcasts/podcast-97-drupal-drama>

<http://london2011.drupal.org/coreconversation/1700-1730-burnout>

<http://randyfay.com/content/what-can-drupal-community-do-about-burnout>

I TRIED TO HELP, BUT...

my Drupal 7 story



Excuse #1

“I’M NOT QUALIFIED”

Excuse #1

“I’M NOT QUALIFIED”

There are no qualifications!

Search issues for Drupal core

[Create a new issue](#) [Advanced search](#) [Statistics](#) [E-mail notifications](#)

Search for

Assigned

Enter a comma separated list of users.

Submitted by

Enter a comma separated list of users.

Participant

Enter a comma separated list of users.

Status

active
needs work
needs review
reviewed & tested by the community
patch (to be ported)

Priority

critical
major
normal
minor

Category

bug report
task
feature request
support request

Version

- 8.x issues -
- 7.x issues -
- 6.x issues -
- 5.x issues -
- 4.7.x issues -

Component

ajax system
base system
browser system
cache system
configuration system

Issue tags

Is one of
Novice

Search

In fact, we want you!

Excuse #1

“I’M NOT QUALIFIED”



Excuse #2

“I DON'T KNOW
WHERE TO START”

Excuse #2

“I DON'T KNOW
WHERE TO START”

You're in the right place!

May 18-19, 2012

Login/Register

DRUPALCAMP TWIN CITIES

Home Venue Schedule Sponsors Attendees Volunteer Contact

Dive into the code at one of our sprints and help make Drupal better

There's nothing like sitting down and getting your hands dirty working on Drupal after spending two days waxing philosophical about the finer points of `hook_form_alter()` and HTML5. Join us at The Nerdery on Sunday, May 20th after the camp for a code sprint and get your hands dirty.

Get involved with core sprint.

Jess (xjm), Tim Plunkett (tim.plunkett) and Joe Shindelar (eojthebrave) will be running a sprint aimed at helping anyone and everyone get involved in Drupal core development. If you want to contribute to Drupal core but aren't sure where to start, this is your chance to get in-person training and mentoring from friendly, experienced core contributors. If you've already started to work on core, this is your chance to meet other contributors, hang out in person, and work on manageable tasks in the Drupal core queue. The goal is to help you help with core.

Register!

Registration is now open for DrupalCamp Twin Cities 2012! [Create an account and register for the camp.](#)

Platinum sponsors



#TCDrupal Tweets

Excuse #2

“I DON'T KNOW
WHERE TO START”



Excuse #3

“I DON'T KNOW
WHAT IS GOING ON”

Excuse #3

Neither do I!

Drupal 8: SACRY STUFF



CONFIGURATION MANAGEMENT (CMI)

CONFIGURATION MANAGEMENT

what is it?

CONFIGURATION MANAGEMENT

what is it?

“Features module in core”
...only better

CONFIGURATION MANAGEMENT

when will I use it?

CONFIGURATION MANAGEMENT

when will I use it?

ALL THE TIME

- 1) pushing new features from dev to live
- 2) keeping configuration in version control

CONFIGURATION MANAGEMENT

how will this change affect me?

CONFIGURATION MANAGEMENT

how will this change affect me?

LEARN NEW STUFF

- 1) every module you write will need a config file (developers)
- 2) You'll need to learn what YAML is (developers)

CONFIGURATION MANAGEMENT



Greg Dunlap
(heyrocker)

#drupal-cmi

<http://groups.drupal.org/build-systems-change-management/cmi>

WEB SERVICES (WSCCI)

WEB SERVICES

what is it?

WEB SERVICES

what is it?

“Services module in core”
...only better

WEB SERVICES

when will I use it?

WEB SERVICES

when will I use it?

NOT OFTEN

- 1) when building a mobile app for your site
- 2) if you want drupal to generate something that's not HTML

WEB SERVICES

how will this change affect me?

WEB SERVICES

how will this change affect me?

CHANGE THE WAY YOU THINK

- 1) heavy changes to `hook_menu()`
- 2) “Pages” will become “SuperBlocks(tm)”
- 3) global variables will become Symfony request objects

WEB SERVICES



Larry Garfield
(crell)

IRC: #drupal-wscci

<http://groups.drupal.org/wscci>

BLOCKS AND LAYOUTS (SCOTCH)

BLOCKS AND LAYOUTS

what is it?

BLOCKS AND LAYOUTS

what is it?

“Panels module in core”
...only different

BLOCKS AND LAYOUTS

when will I use it?

BLOCKS AND LAYOUTS

when will I use it?

OFTEN

- 1) when you want to change the layout of your site
- 2) when you want to change the layout for a page

BLOCKS AND LAYOUTS

how will this change affect me?

BLOCKS AND LAYOUTS

how will this change affect me?

YOUR PRAYERS ARE ANSWERED (we hope)

- 1) A new UI for adding blocks to the page (site builder)
- 2) context will be available to all blocks (developer)
- 3) all elements on the page treated the same (themer)
- 4) possible* inline editing (content editor)

BLOCKS AND LAYOUTS



Kris Vanderwater
(eclipsegc)

IRC: #drupal-scotch

<http://groups.drupal.org/scotch>

HTML 5 & MOBILE

HTML 5 & MOBILE

what is it?

HTML 5 & MOBILE

what is it?

“mobile-friendly Drupal”

HTML 5 & MOBILE

what does that mean?

HTML 5 & MOBILE

what does that mean?

Responsive themes in core
HTML5 markup in core

HTML 5 & MOBILE

when will I use it?

HTML 5 & MOBILE

when will I use it?

EVERY DAY

1) when anyone visits your website from a mobile device

HTML 5 & MOBILE

how will this change affect me?

HTML 5 & MOBILE

how will this change affect me?

EVERYTHING BETTER FOR EVERYONE!

- 1) Markup in core is already semantic (themer)
- 2) HTML5 elements in the form API (developer)
- 3) Layouts in core are already responsive (themer)
- 4) better front-end performance ...we hope. (developer)
- 5) Mobile-friendly administration (site builder/content editor)

HTML5 & MOBILE



Jacine Lisui - HTML5
(jacine)

IRC: #drupal-html5

<http://groups.drupal.org/html5/drupal-8>



John Wilkins - Mobile
(JohnAlbin)

IRC: #drupal-contribute

<http://groups.drupal.org/html5/drupal-8>

USABILITY IMPROVEMENTS

USABILITY IMPROVEMENTS

what is it?

USABILITY IMPROVEMENTS

what is it?

“user-friendly Drupal”

USABILITY IMPROVEMENTS

when will I use it?

USABILITY IMPROVEMENTS

when will I use it?

CONSTANTLY

- 1) when you create content (content editor)
- 2) when you build a site (site builder)

USABILITY IMPROVEMENTS

how will this change affect me?

USABILITY IMPROVEMENTS

how will this change affect me?

THINGS MAKE SENSE

- 1) new content creation page
- 2) new modules page (we hope)
- 3) new field UI (we really hope)

USABILITY IMPROVEMENTS



Bojhan Somers
(bojhan)

IRC: #drupal-usability

<http://groups.drupal.org/usability>

MULTILINGUAL

MULTILINGUAL

what is it?

MULTILINGUAL

what is it?

“Better translation”

MULTILINGUAL

when will I use it?

MULTILINGUAL

when will I use it?

NOT OFTEN

I) when you need to translate your site into another language

MULTILINGUAL

how will this change affect me?

MULTILINGUAL

how will this change affect me?

TRANSLATION WILL BE LESS PAINFUL

- 1) Node titles and content non-fields will be translatable
- 2) User interfaces will be more translatable

MULTILINGUAL



Gabor Hojtsy
(gabor)

IRC: #drupal-il8n

<http://groups.drupal.org/internationalization>

OTHER STUFF I DON'T KNOW MUCH ABOUT

- Testbot improvements
- PSR-0 (spun off from wsccl)
- Entity “OOPification”
- More modules in core? (pathauto, views, media, options element)

Excuse #3

“I DON'T KNOW
WHAT IS GOING ON”



Excuse #3

“I DON'T KNOW
WHAT IS GOING ON”



~ISH

IT'S NOT TOO LATE.

let's change the future!

SPRINT

Sunday, May 20th. (that's tomorrow!)



Joe Shindelar
(eojthebrave)



Jess M
(xjm)



Tim Plunkett
(tim.plunkett)

GETTING INVOLVED

with core development



Charles H. Xavier
(chx)



Jen Lampton
(jenlampton)



Carl Wiedemann
(c4rl)

TWIG

A new theme layer for Drupal 8?



Dave Reid
(DaveReid)

MEDIA
(it's for Drupal 7, I think)



Larry Garfield
(crell)

WEB SERVICES

(the Initiative formerly known as WSCCI)







A lush, dense tropical jungle scene. Sunlight filters through the thick canopy of various green plants, including large palm fronds and broad-leafed species. A prominent, moss-covered tree branch extends diagonally across the middle of the frame. The overall atmosphere is vibrant and wild.

OPEN SOURCE IS A JUNGLE

@jenlampton | <http://www.jenlampton.com>

OPEN SOURCE IS A JUNGLE

@jenlampton | <http://www.jenlampton.com>