



DRUPALCON  
*Portland*  
MAY 20-24 2013

# Running coaches wanted!

Contribution sprints and trainings

[portland2013.drupal.org/node/2433](http://portland2013.drupal.org/node/2433)

*add1sun, xjm, YesCT, ZenDoodles*

Building Bridges, Connecting Communities

# Who are we?



Addison  
(add1sun)



Andrea  
(ZenDoodles)

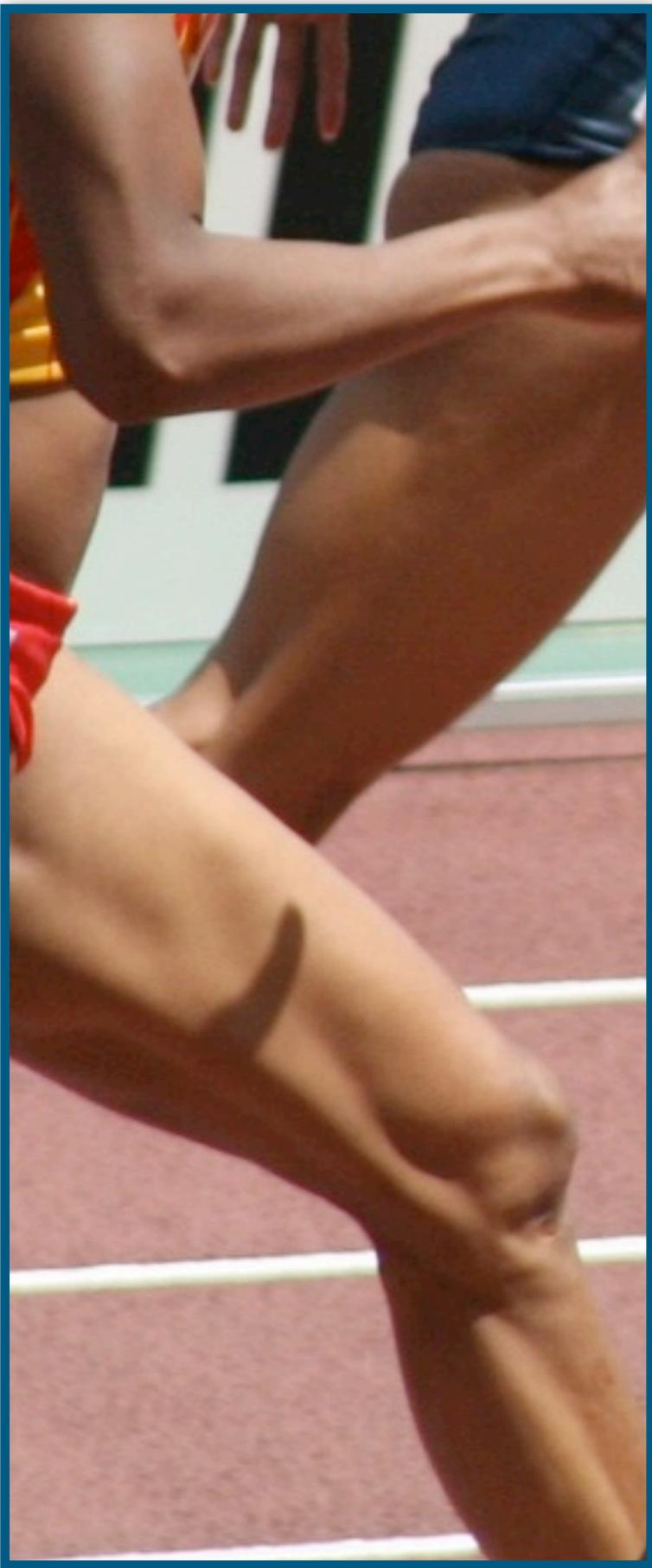


Jess (xjm)



Cathy (YesCT)





# Use

Community Documentation Support Download & Extend

Admin

Themes

## Ladder

Status

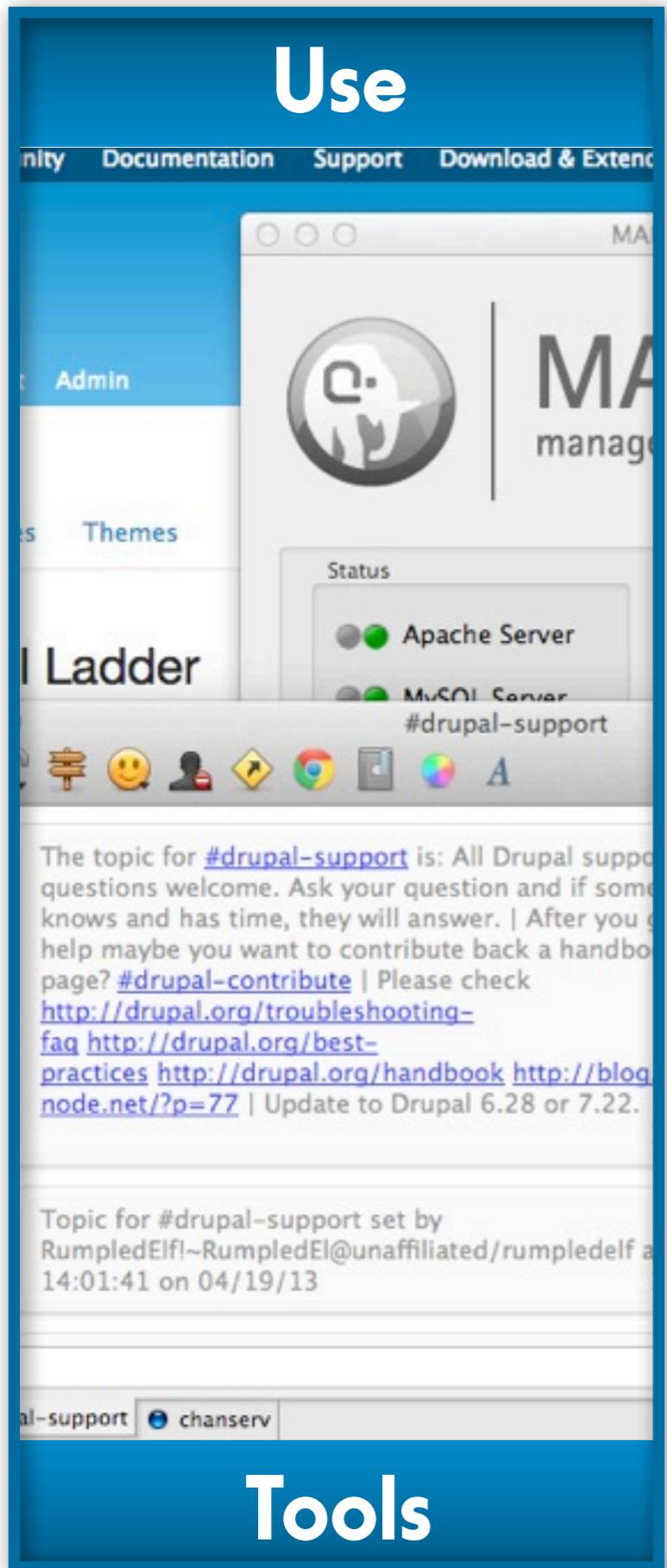
- Apache Server
- MySQL Server

#drupal-support

Topic for #drupal-support set by RumpledElf!~RumpledEl@unaffiliated/rumpledelf a 14:01:41 on 04/19/13

al-support chanserv

## Tools



# Use

Community Documentation Support Download & Extend

Admin

Themes

## Ladder

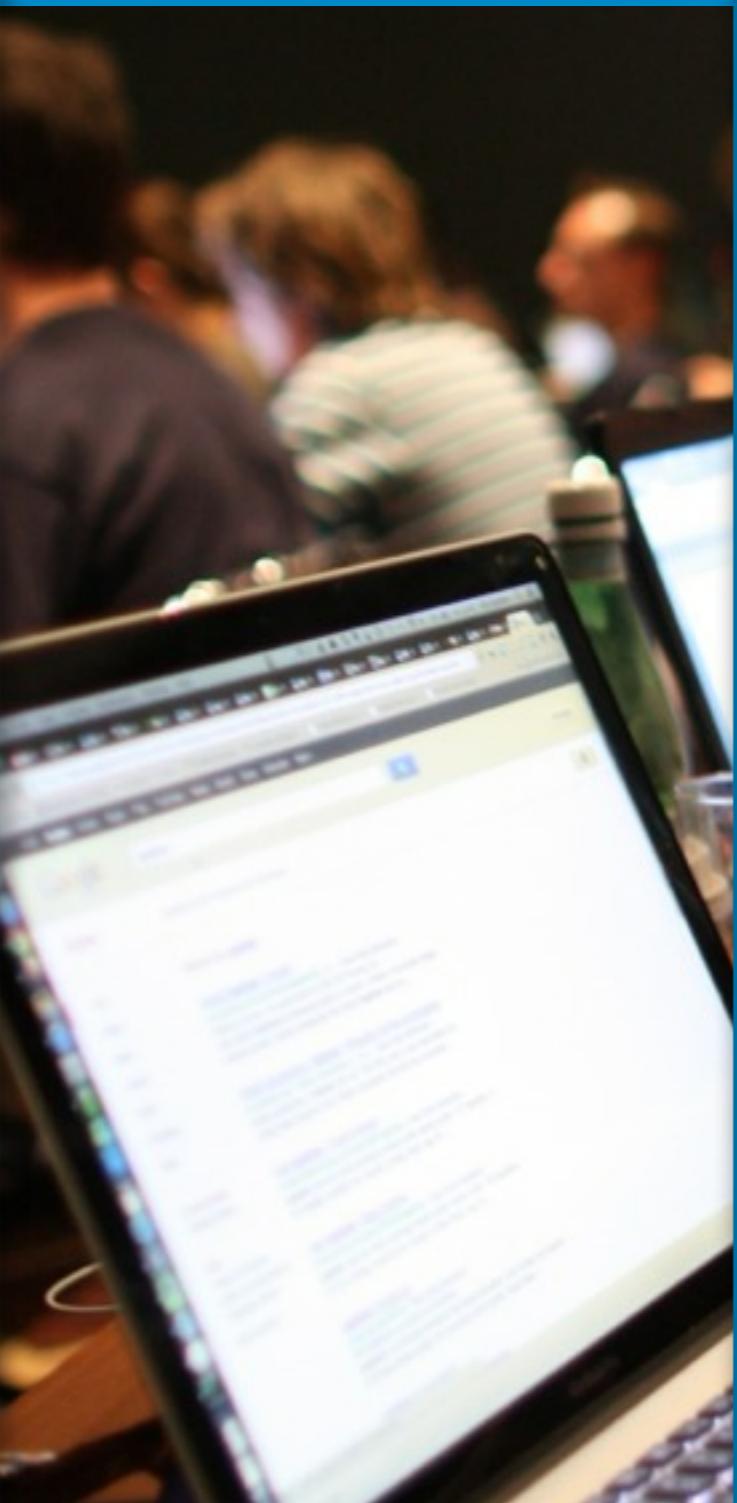
The topic for [#drupal-support](#) is: All Drupal support questions welcome. Ask your question and if someone knows and has time, they will answer. | After you get help maybe you want to contribute back a handbook page? [#drupal-contribute](#) | Please check <http://drupal.org/troubleshooting-faq> <http://drupal.org/best-practices> <http://drupal.org/handbook> <http://blog.node.net/?p=77> | Update to Drupal 6.28 or 7.22.

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#drupal-support chanserv

# Tools

# Plan



# Dev. Config



# Use

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Tools

The topic for [#drupal-support](#) is: All Drupal support questions welcome. Ask your question and if someone knows and has time, they will answer. | After you help maybe you want to contribute back a handbook page? [#drupal-contribute](#) | Please check <http://drupal.org/troubleshooting-faq> <http://drupal.org/best-practices> <http://drupal.org/handbook> <http://blog.node.net/?p=77> | Update to Drupal 6.28 or 7.22.

Topic for #drupal-support set by RumpedElf!~RumpedEl@unaffiliated/rumpedelf a 14:01:41 on 04/19/13

al-support chanserv

# Plan

# Dev. Config

# Prepare

Task level

- Any -

Task type

- Any -

Priority tasks	
Available	Task
Yes	Manual testing (see task no)
Yes	Draft change notification
No	Create patch
Yes	Draft change notification
Yes	Expand test coverage
No	Improve issue summary
Yes	(advanced) Test installing D from a DB dump & then up
Yes	Toolbar performance testing
Yes	Write tests
Yes	CMI testing
Yes	Draft change notification
Yes	Draft change notification
Yes	Write additional tests
Yes	Issue summary

# Tasks

# **What is a sprint?**



# What is a sprint?

# **What is a sprint?**

# ...focused contribution event



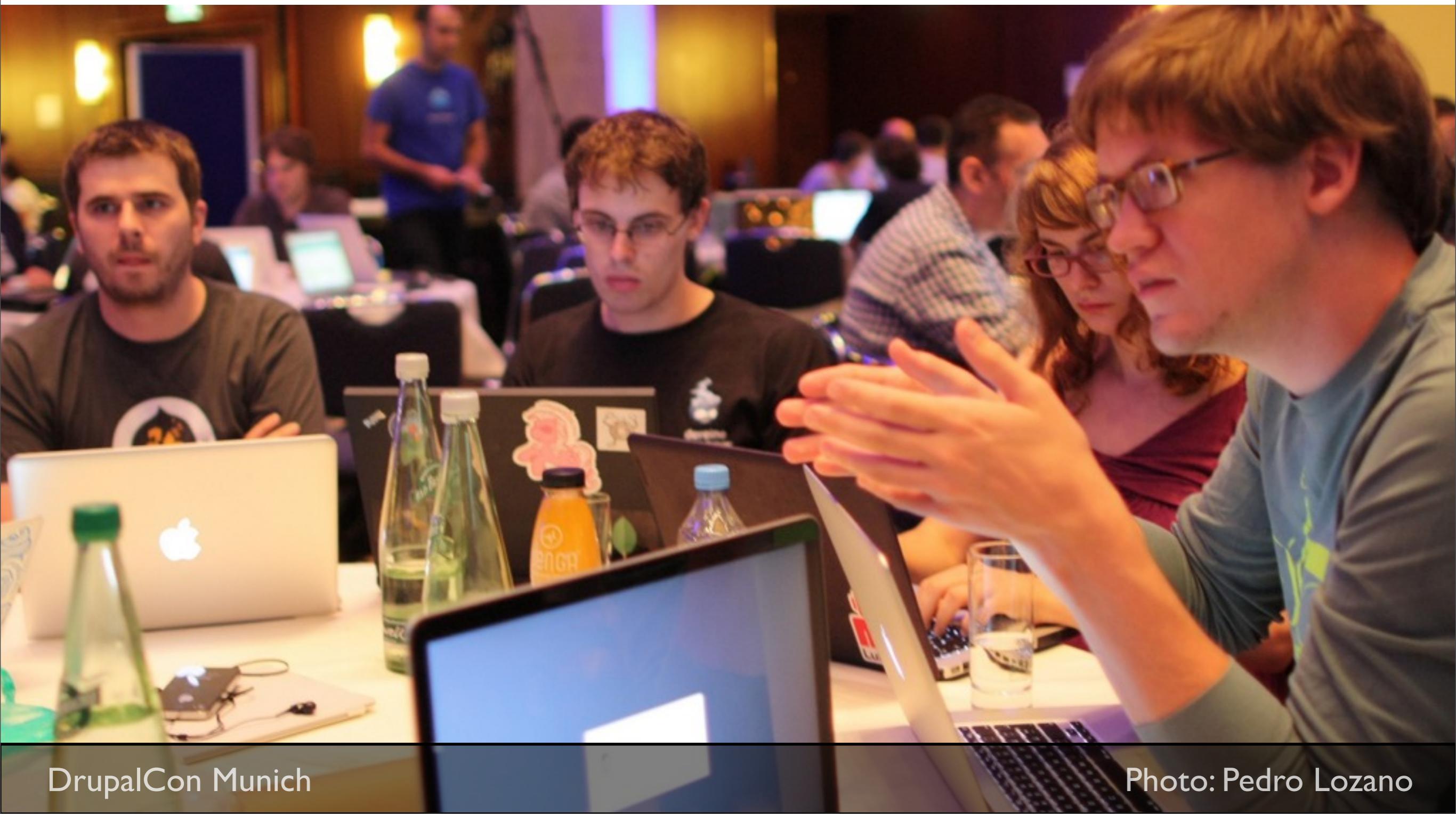
London VDC & CMI sprint

Photo: xjm

# The case for core contribution



# Core is the best way to learn

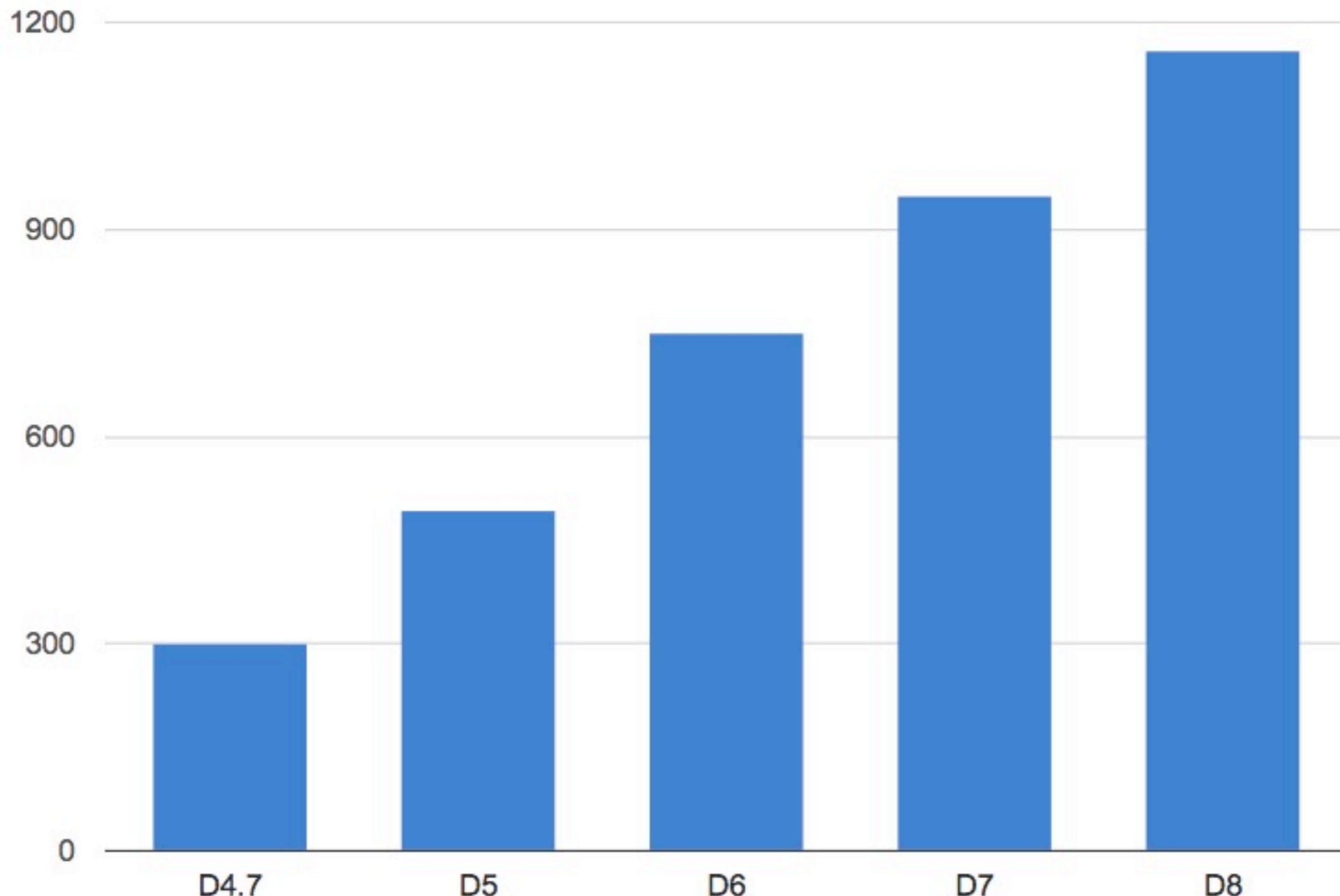


DrupalCon Munich

Photo: Pedro Lozano

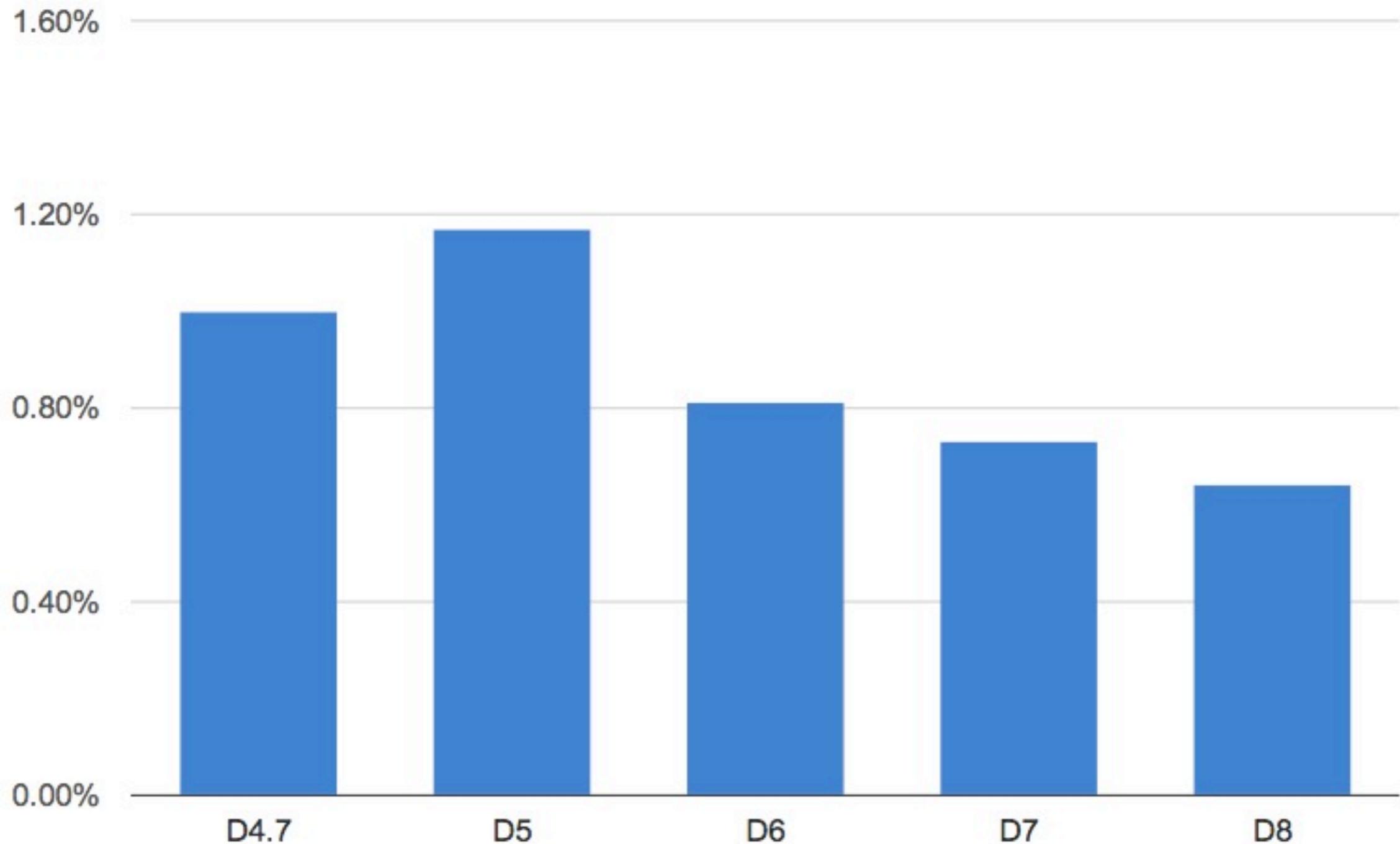
# Core contributors

**Developers contributing to core**

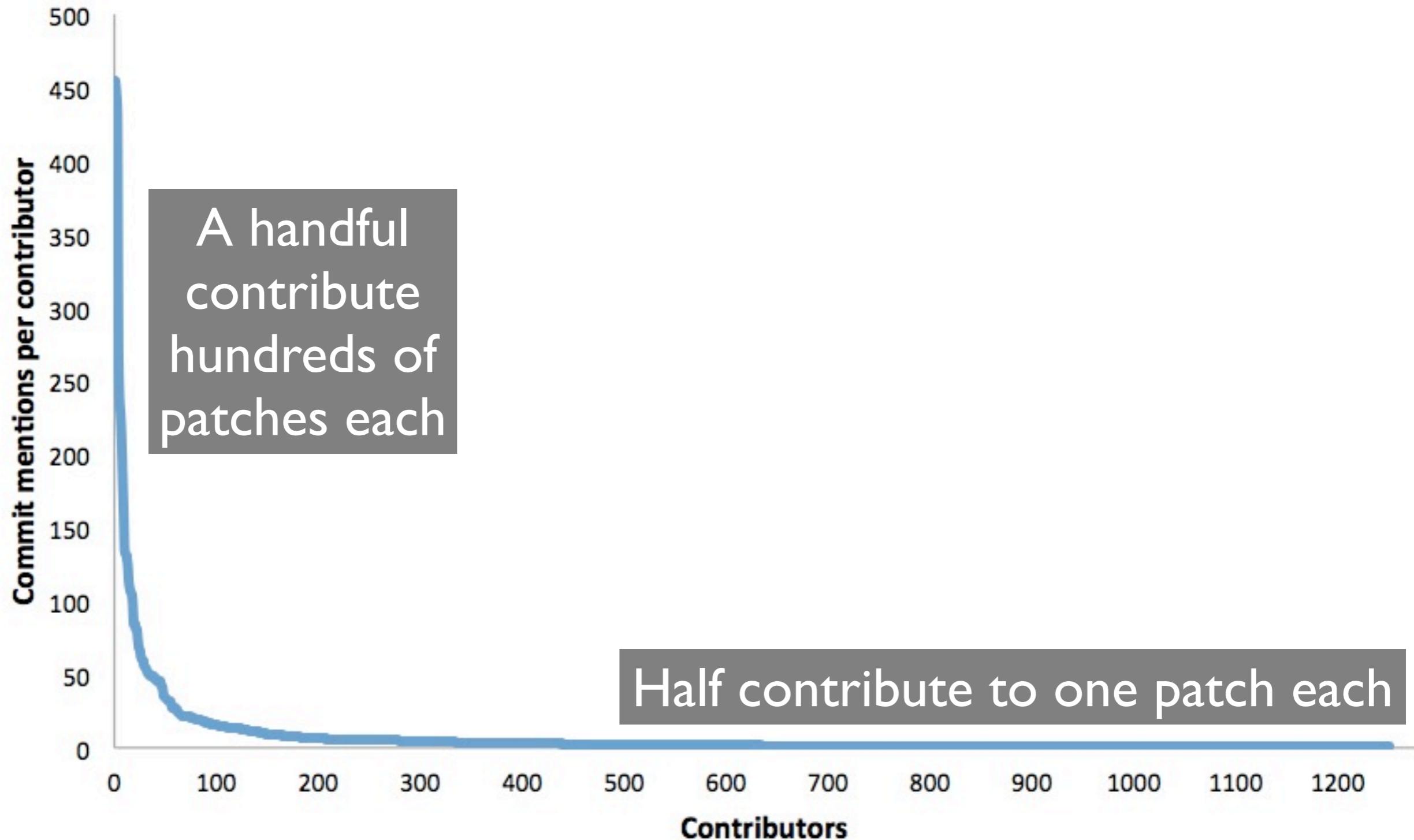


# Core contributors as %

Percent of active Drupal.org users contributing to core

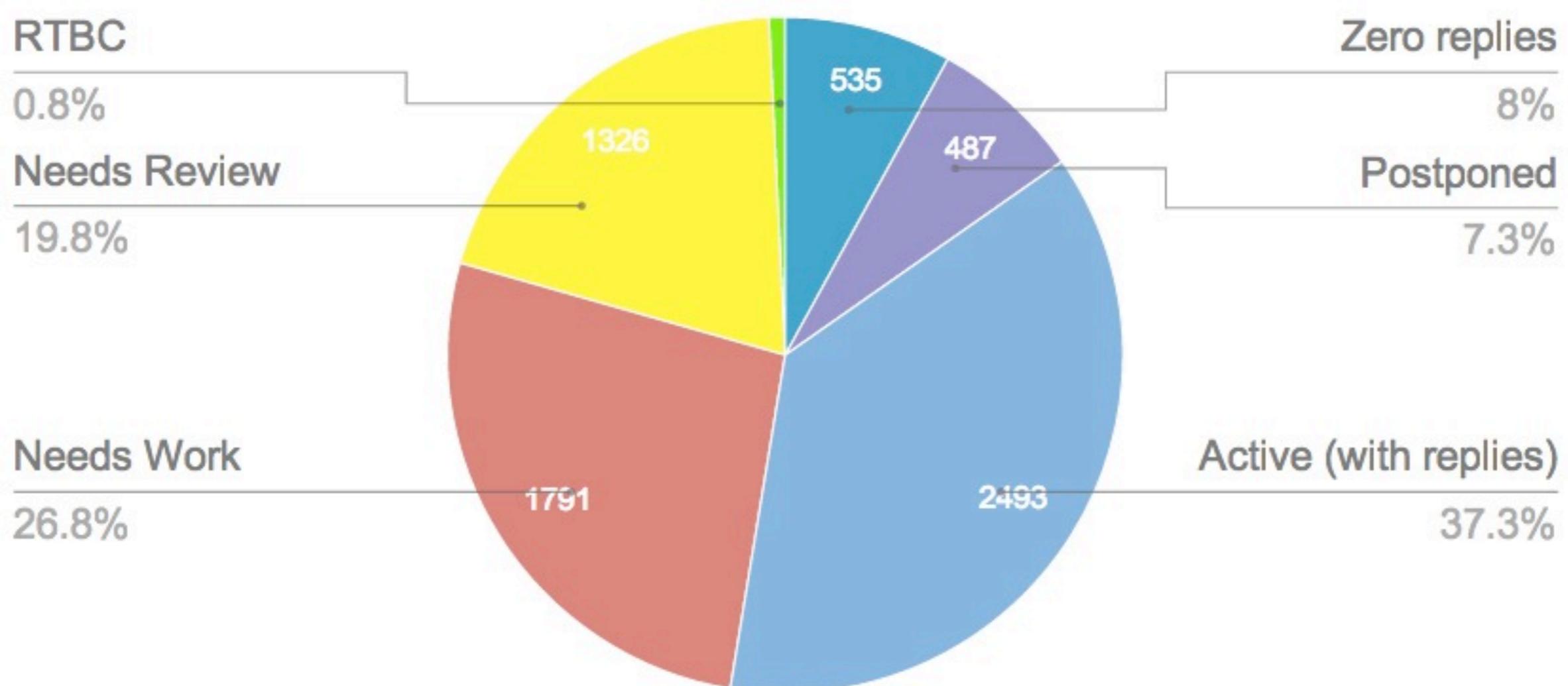


# D8 patches per contributor



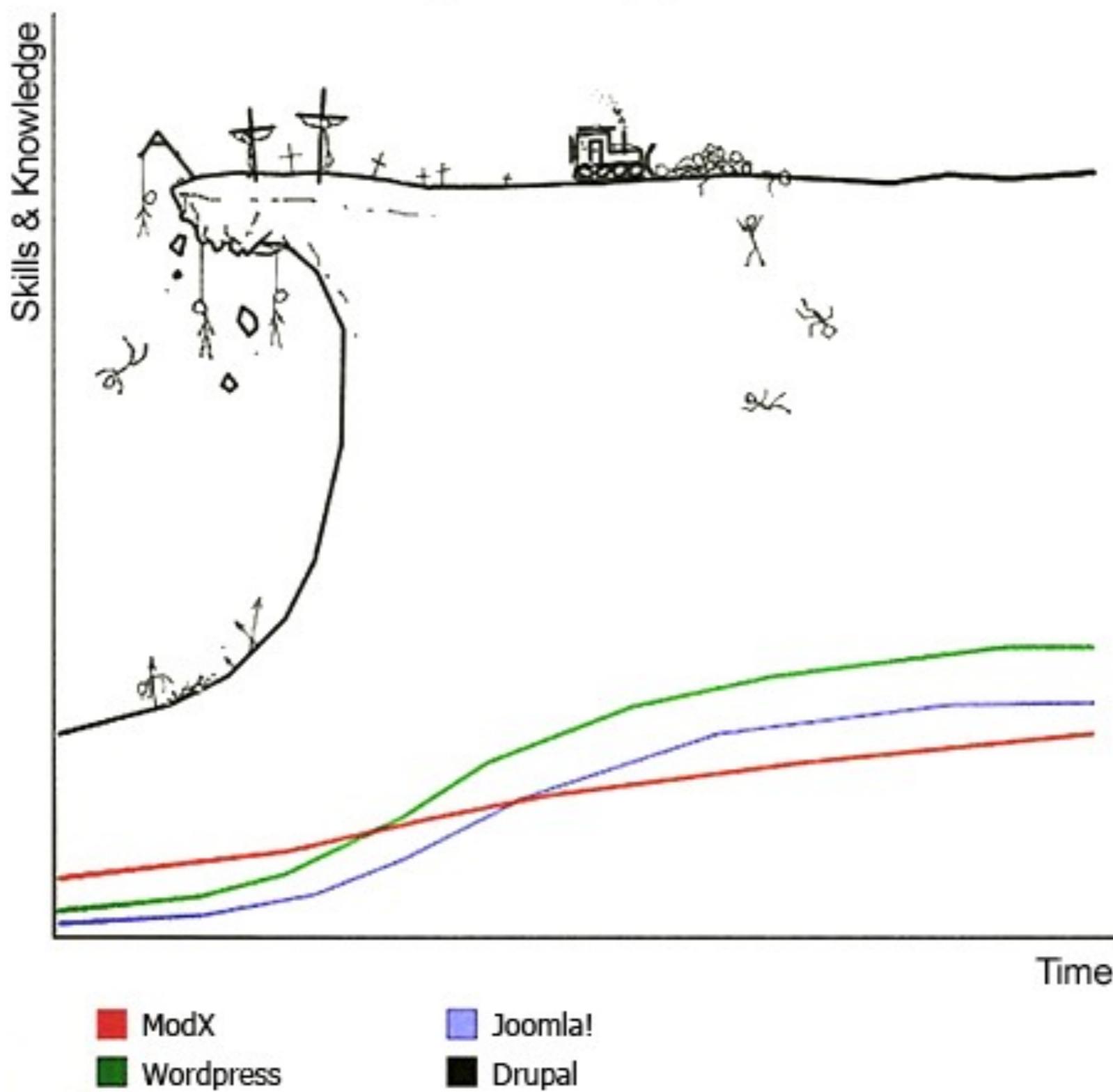
# Over 7000 Drupal 8 issues

## Drupal 8 issue statuses



# First steps can be difficult

Learning curve for popular CMS



■ ModX

■ Wordpress

■ Joomla!

■ Drupal

# **Contribution solutions!**

**Help people find tasks to do and  
get the tools to do them**



# The tasks



# One issue, many tasks

[View](#) [Edit](#) [Outline](#)

Posted by xjm on May 4, 2013 at 4:50pm

Project:	Drupal core
Version:	8.x-dev
Component:	taxonomy.module
Category:	bug report
Priority:	normal
Assigned:	Unassigned
Status:	needs work
Issue tags:	needs accessibility review, Needs issue summary update, Needs manual testing, Needs tests



“Needs” tags indicate the tasks to be done

# Contributor tasks instructions

The screenshot shows the top navigation bar with links: Get Started, Community, Documentation, Support, Download & Extend, Marketplace, and About. Below the navigation is the Drupal logo. To the right is a search bar with the placeholder "Search drupal.org" and a green "Search" button. Below the search bar are links for "Drupal Homepage", "Your Dashboard", "Logged in as xjm", "Log out", and "Admin". A "Refine your search ▾" link is also present.

## Community

[Community Home](#) [Getting Involved](#) [Chat](#) [Mailing Lists](#) [Member Directory](#) [Forum](#)

## New contributor tasks

[View](#) [Edit](#) [Outline](#) [Revisions](#)

*Last updated April 18, 2013.*

Welcome to the Drupal Community! You're on this page (hopefully) because you are interested in contributing your time to the Drupal project and the Drupal community, and you don't know how to get started. We thank you for your interest, and hope you find that:

- Contributing makes you feel good
- Your contributions are valued
- Many of the tasks are fun to do
- The more you contribute, the more you learn
- Contributing makes you a more integrated part of the Drupal community

In this section (as it grows), you will hopefully be able to find specific tasks that interest you and that are quick (about an hour or less) and easy to get started on. You will also find links to how to get more deeply involved.

### Adding new tasks

If you know of a task that would be appropriate for a new contributor to do, [click the "Add a new task" link](#).

### Page status

No known problems

[Edit this page](#)

### Getting Involved Guide

- ▶ [Ways to get involved](#)
- ▶ [Talk with the community](#)
- ▶ [Get a Drupal.org account](#)
- ▼ [New contributor tasks](#)
  - ▶ [New contributor tasks: Anyone](#)
  - ▶ [New contributor tasks: Non-English language speakers](#)
  - ▶ [New contributor tasks: Non-English language speakers](#)

<http://drupal.org/contributor-tasks>

# 'A' tasks: Drupal.org

Get Started   Community   Documentation   Support   Download & Extend   Marketplace   About

## Drupal™

Search drupal.org   Search

Drupal Homepage   Your Dashboard   Logged in as ZenDoodles   Log out   Refine your search ▾

### Download & Extend

Download & Extend Home   Drupal Core   Distributions   Modules   Themes

Issues

#### Add static caching for user\_roles()

[View](#)   [Edit](#)   [Revisions](#)

Posted by [Jik](#) on March 14, 2004 at 6:26am

Project:	Drupal core
Version:	8.x-dev
Component:	user system
Category:	task
Priority:	normal
Assigned:	Unassigned
Status:	needs work
Issue tags:	needs backport to D7, Needs tests, Performance

Following  
20 followers

Jump to:  
[Most recent comment](#)  
[Most recent attachment](#)  
[Add new comment](#)

**Description:** \*

<h3 id="summary-problem-motivation">Problem/Motivation</h3>  
The number of modules that access user roles has increased significantly. Consider scenarios like accessing roles in <a href="http://drupal.org/project/rules">Rules</a> (say that five times fast) or during batch operations. This issue is about implementing safe and effective role caching to increase performance.

<h3 id="summary-proposed-resolution">Proposed resolution</h3>  
The patch in <a href="#comment-5047502">#31</a> was committed to 8.x. The patch in <a href="#comment-5900774">#59</a> implements role caching, but does not cache roles for specific permissions, because most sites have enough permissions to make it very unlikely that this data will be requested frequently enough to justify the additional memory use. If we have a permission, or \$user\_roles is empty, we need to hit the database, otherwise, the cache is used.

Clear the user\_\* static caches before we invoke hook\_user\_role\_delete(), so that implementing modules don't have to work with a stale cache.

► [Input format](#)

[More information about formatting options](#)

**Log message:** \*

Updated issue summary.

# ‘B’ tasks: Git

```
commit ae0984f8711db81fd2157d189bbdd1105a9cc19
Author: catch <catch@35733.no-reply.drupal.org>
Date: Mon Apr 22 22:57:38 2013 +0100
```

Issue #1942346 by swentel: Convert Field API variables to OMI.

```
commit 2d6ed6c862d3ce4e7e651f45108ead4f5ff6f2fd
Author: Alex Pott <alex.a.pott@googlemail.com>
Date: Mon Apr 22 19:07:20 2013 +0100
```

Issue #1955286 by droplet | nod\_: JSHint translation\_entity().

```
[tesla:drupal | Tue 08:41:18] $ git branch
```

```
 7.x
 8.x
 actions
* else_if
 field
 frontpage
```

```
[tesla:drupal | Tue 08:41:28] $ git rebase origin/8.x
```

```
Current branch else_if is up to date.
```

```
[tesla:drupal | Tue 08:41:36] $ git diff --stat origin/8.x
core/modules/node/lib/Drupal/node/NodeStorageController.php | 2 +-
```

```
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
[tesla:drupal | Tue 08:41:50] $ git show
```

```
commit 10cedb1ac4513d3ac763b33dfb38fc5273b61282
```

```
Author: xjm <xjm@65776.no-reply.drupal.org>
```

```
Date: Tue Apr 23 08:38:22 2013 -0500
```

Correct else if to elseif in the node storage controller.

```
diff --git a/core/modules/node/lib/Drupal/node/NodeStorageController.php b/core/modules/node/lib/Drupal/node/NodeStorageController.php
index c9e832e..0fc7921 100644
--- a/core/modules/node/lib/Drupal/node/NodeStorageController.php
+++ b/core/modules/node/lib/Drupal/node/NodeStorageController.php
@@ -103,7 +103,7 @@ protected function invokeHook($hook, EntityInterface $node) {
    if ($hook == 'insert' || $hook == 'update') {
      node_invoke($node, $hook);
    }
-  else if ($hook == 'predelete') {
+  elseif ($hook == 'predelete') {
    // 'delete' is triggered in 'predelete' is here to preserve hook ordering
    // from Drupal 7.
```

# 'C' tasks: Programming



The screenshot shows a code editor with a sidebar containing a file tree. The file tree includes categories like layout, link, locale, menu, menu\_link, node (with config, schema, and various .inc and .js files), lib, templates, and tests. Below the tests category, several files are listed: content\_types.inc, content\_types.js, node.admin.css, node.admin.inc, node.api.php, node.edit.admin.css, node.info.yml, node.install, and node.js. The node.module file is currently selected in the sidebar.

```
501 *      - title_label: A string containing the label for the title.
502 *
503 *      - module: A string giving the module defining this type of node.
504 *
505 *      - orig_type: A string giving the original machine-readable name of this
506 *        node type. This may be different from the current type name if the locked
507 *        field is 0.
508 *
509 * @return int
510 *      A status flag indicating the outcome of the operation, either SAVED_NEW or
511 *      SAVED_UPDATED.
512 */
513 function node_type_save($info) {
514   $existing_type = !empty($info->old_type) ? $info->old_type : $info->type;
515   $is_existing = (bool) db_query_range('SELECT 1 FROM {node_type} WHERE type = :type', 0, 1, array(':type' => $existing_type));
516   $type = node_type_set_defaults($info);
517
518   $fields = array(
519     'type' => (string) $type->type,
520     'name' => (string) $type->name,
521     'base' => (string) $type->base,
522     'has_title' => (int) $type->has_title,
523     'title_label' => (string) $type->title_label,
524     'description' => (string) $type->description,
525     'help' => (string) $type->help,
526     'custom' => (int) $type->custom,
527     'modified' => (int) $type->modified,
528     'locked' => (int) $type->locked,
529     'disabled' => (int) $type->disabled,
530     'module' => $type->module,
531   );
532
533   if ($is_existing) {
534     db_update('node_type')
535       ->fields($fields)
536       ->condition('type', $existing_type)
537       ->execute();
538
539       if (!empty($type->old_type) && $type->old_type != $type->type) {
540         field_attach_rename_bundle('node', $type->old_type, $type->type);
541       }
542       module_invoke_all('node_type_update', $type);
543       $status = SAVED_UPDATED;
544   }
545   else {
546     $fields['orig_type'] = (string) $type->orig_type;
547     db_insert('node_type')
548       ->fields($fields)
549       ->execute();
550   }
551 }
```

# Task curation: drupalofficehours.org



The screenshot shows the homepage of the drupalcore mentoring website. At the top right, there are links for "My account" and "Log out". Below that is a search bar with a magnifying glass icon. The main header reads "Drupal core mentoring" with the tagline "We've Got Issues™" underneath. To the left of the header is the Drupal logo. Below the header are four navigation tabs: "Tasks" (which is selected), "Review", "Mentors", and "Participants".

Join us for Drupal core contribution mentoring, Tuesdays 02:00 - 04:00 UTC and Wednesdays 16:00 - 18:00 UTC in #drupal IRC. (Can't wait for core mentoring? You can [find tasks on your own, too!](#))

Have any particular mentors really helped you contribute? Thank them by listing them as your mentors on your [Drupal.org profile](#).

## Active tasks

[+ Add a task](#)

Task level	Task type	Issue priority
- Any -	- Any -	- Any -

[Apply](#)

### Priority tasks

Available	Task	Participants	Drupal.org issue	Priority	Status	Version	
No	Create patch	davidjdagino Mentor: xjm	1963340: Change field UI so that adding a field is a separate task	major	active	8.x-dev	edit
+Yes	Draft change notification		1901670: [Change notice] Start using PHPUnit for unit tests	critical	active	8.x-dev	edit
+Yes	Expand test coverage		1007746: Reordering fails with more than 100 items in a menu	major	needs work	8.x-dev	edit
		jeana	610076: Add a primary key to the	needs			

# The tools



# Working with the Community

- ▶ Drupal.org account
- ▶ Issue queue
- ▶ Local AMP stack
- ▶ Git
- ▶ Internet Relay Chat (IRC)



# The Drupal Ladder

## drupalladder.org



Drupal Ladder

This website is under active development. All content is a work in progress.

Username \*  Password \*

[Create new account](#) [Request new password](#)

[Log in](#)

About [Drupal Core Ladder](#) [Ladders](#) [Lessons](#) [Resources](#) [Chat](#) [Get involved](#) [D8 Initiatives Calendar](#)

## About the Drupal Ladder project

The Goal of the Drupal Ladder is to have 1% of the Drupal Community contributing to core by 2014

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[About drupalladder.org](#)

[How to run a learn sprint](#)

# Community Tools Workshop

## drupalize.me/community-tools

The topic for [#drupal-support](#) is: All Drupal support questions welcome. Ask your question and if someone knows and has time, they will answer. | After you got help maybe you want to contribute back a handbook page? [#drupal-contribute](#) | Please check <http://drupal.org/troubleshooting-faq> <http://drupal.org/best-practices> <http://drupal.org/handbook> <http://blog.free-node.net/?p=77> | Update to Drupal 6.28 or 7.22.

Topic for #drupal-support set by RumpledElf~RumpledEl@unaffiliated/rumpledelf at 14:01:41 on 04/19/13 12.51

244 users

# Planning a sprint



# Planning: Mentors



Midwest Developer Summit

Photo: xjm

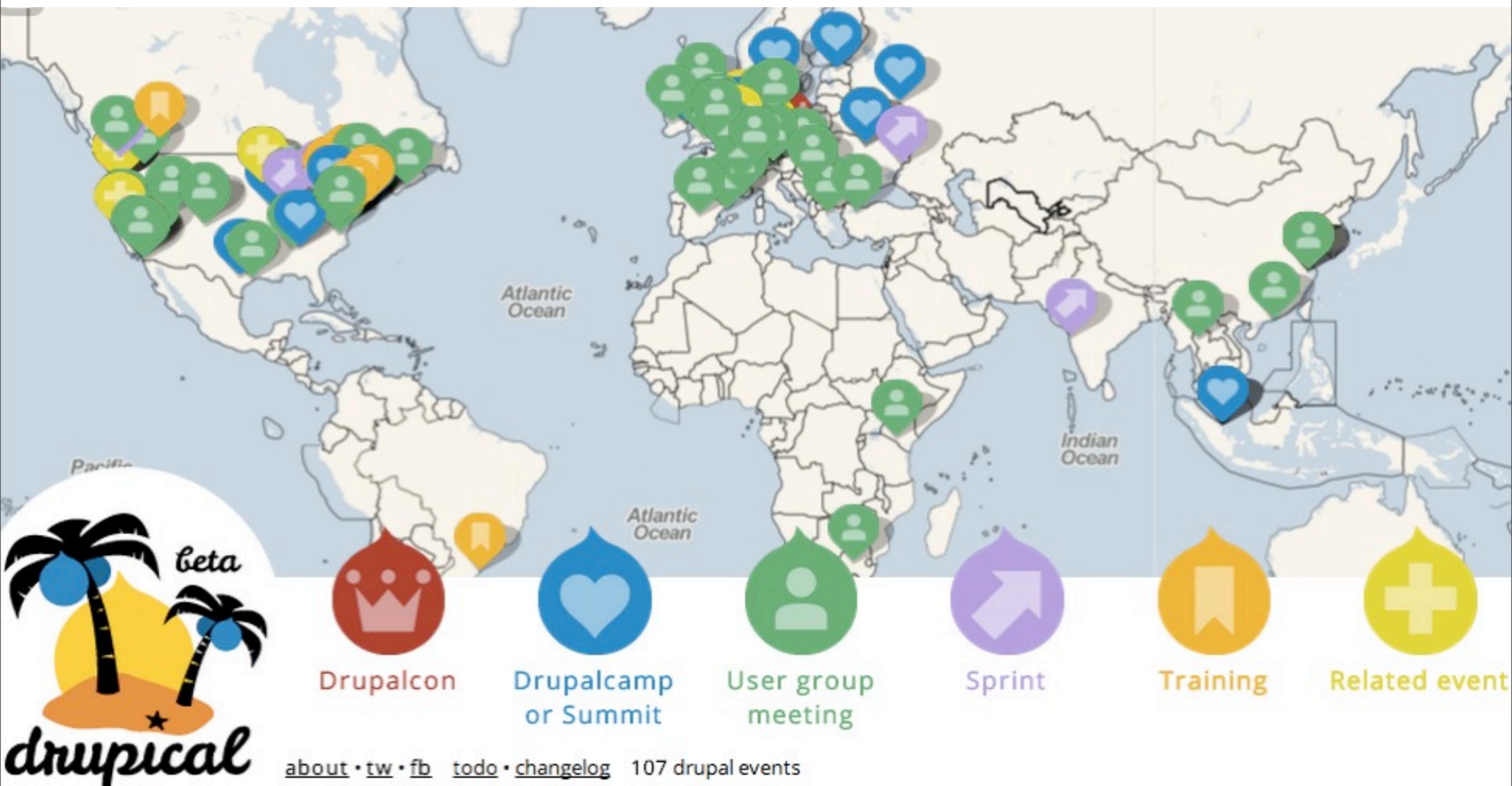
# Planning: Location



Global Sprint Weekend: Oak Park

Photo: YesCT

# Planning: Publicity



<http://drupical.com/>

# Planning: Development environments



# Selecting sprint tasks

A: Drupal.org

Name	Where to find issues	Instructions
Issue summary	Issues tagged with "Needs issue summary update" ↗	Write an issue summary ↗
Steps to reproduce	Issues tagged with "Needs steps to reproduce" ↗	Document STR ↗
Triage and find duplicates	Issues with 0 replies ↗	Verify a reported issue ↗

B: Git

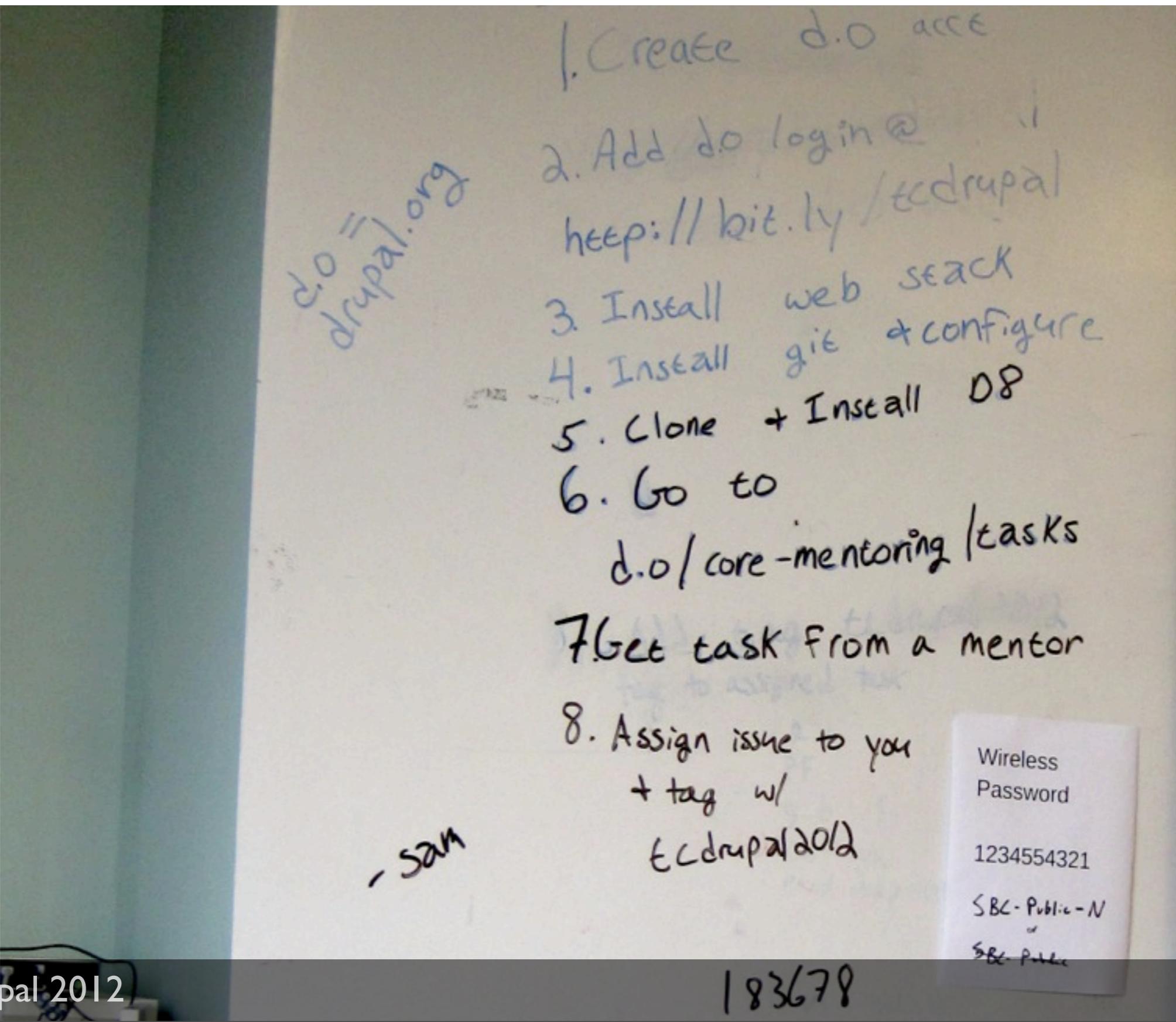
Name	Where to find issues	Instructions
Backport	Issues with status "Patch (to be ported)" ↗	Backport a Drupal Core patch ↗
Create docs patch	Documentation issues ↗	Create a Drupal core patch ↗
Improve patch docs/code style	Issues marked CNR or CNW ↗	Improve patch coding style and documentation ↗
Manual testing	Issues tagged with "Needs manual testing" or "Needs screenshot" ↗	Manually test a patch for a Drupal issue ↗
Reroll	Issues tagged with "Needs reroll" ↗	Re-rolling patches ↗

C: Programmer

Name	Where to find issues	Instructions
Write tests	Issues tagged with "Needs tests" ↗	Write a Drupal core automated test ↗
Create patch	Novice issues ↗	Create a Drupal core patch ↗
Draft change notification	Issues tagged with "Needs change notification" ↗	Write a change record ↗
Patch review	Issues marked CNR ↗	Review a Drupal core patch ↗

<http://core.drupalofficehours.org/task-info>

# Sprint day



# After the sprint: Task review

Task level	Task type	Issue priority	Quick review?	Priority	Status
- Any -	- Any -	- Any -	- Any -	Apply	
Task	Participant	Mentor	Drupal.org issue		
Create sub-issues for router conversions	jberges	valthebald	<a href="#">1971384</a> : [META] Convert page callbacks to controllers	major	active
Improve patch docs/code style	friveroll	disasm	<a href="#">1971206</a> : Cleanup of Book Manager Service	normal	active
Update patch	shanelthehat	xjm	<a href="#">1939082</a> : Convert theme_status_messages() to Twig	normal	needs work
Manual testing	leochid	shyamala	<a href="#">1847314</a> : Reduce the dependency on javascript for the toolbar to display properly	normal	needs review
Issue summary	kstonef	Kay V	<a href="#">1007746</a> : Reordering fails with more than 100 items in a menu	major	needs work
Steps to reproduce	no_angel	YesCT	<a href="#">1945226</a> : Add language selector on menus	normal	active
Issue summary	kstonef	Kay V	<a href="#">1007746</a> : Reordering fails with more than 100 items in a menu	major	needs work
Triage and find duplicates	capuleto	Cottser	<a href="#">1912474</a> : Unable to pre-populate db in settings.php	normal	active
Backport	chrisjlee	Cottser	<a href="#">1261846</a> : Document 1MB maximum size limit for cache_set()	normal	needs work

<http://core.drupalofficehours.org/tasks-review>

# DrupalCon Portland



# DrupalCon Portland

...so much left to do!



# DrupalCon Portland

...so much left to do!



# DrupalCon Portland

...so much left to do!

Today

4:15 pm

Task entry BoF I in B110



# DrupalCon Portland

...so much left to do!

Today	4:15 pm	Task entry BoF I in B110
Wednesday	2:15 pm	Development environment BoF



# DrupalCon Portland

...so much left to do!

Today	4:15 pm	Task entry BoF I in B110
Wednesday	2:15 pm	Development environment BoF
Thursday	10:45 am	Task entry BoF II



# DrupalCon Portland

## ...so much left to do!

Today	4:15 pm	Task entry BoF I in B110
Wednesday	2:15 pm	Development environment BoF
Thursday	10:45 am	Task entry BoF II
Friday	9:00 am	Workshop and mentored sprint



# DrupalCon Portland

## ...so much left to do!

Today	4:15 pm	Task entry BoF I in B110
Wednesday	2:15 pm	Development environment BoF
Thursday	10:45 am	Task entry BoF II
Friday	9:00 am	Workshop and mentored sprint
	7:00 pm	Mentor dinner



# DrupalCon Portland

## ...so much left to do!

<b>Today</b>	4:15 pm	Task entry BoF I in B110
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<b>Friday</b>	9:00 am	Workshop and mentored sprint
	7:00 pm	Mentor dinner
<b>Next Week</b>	See Cathy	Review fest in IRC



# DrupalCon Portland

## ...so much left to do!

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	7:00 pm	Mentor dinner
<b>Next Week</b>	See Cathy	Review fest in IRC



<http://drupal.org/core-mentoring/portland>

# Sprint Day



# Sprint Day Friday











# Some sprinters want training



# Some sprinters want coaches

**...and some just want to sprint.**

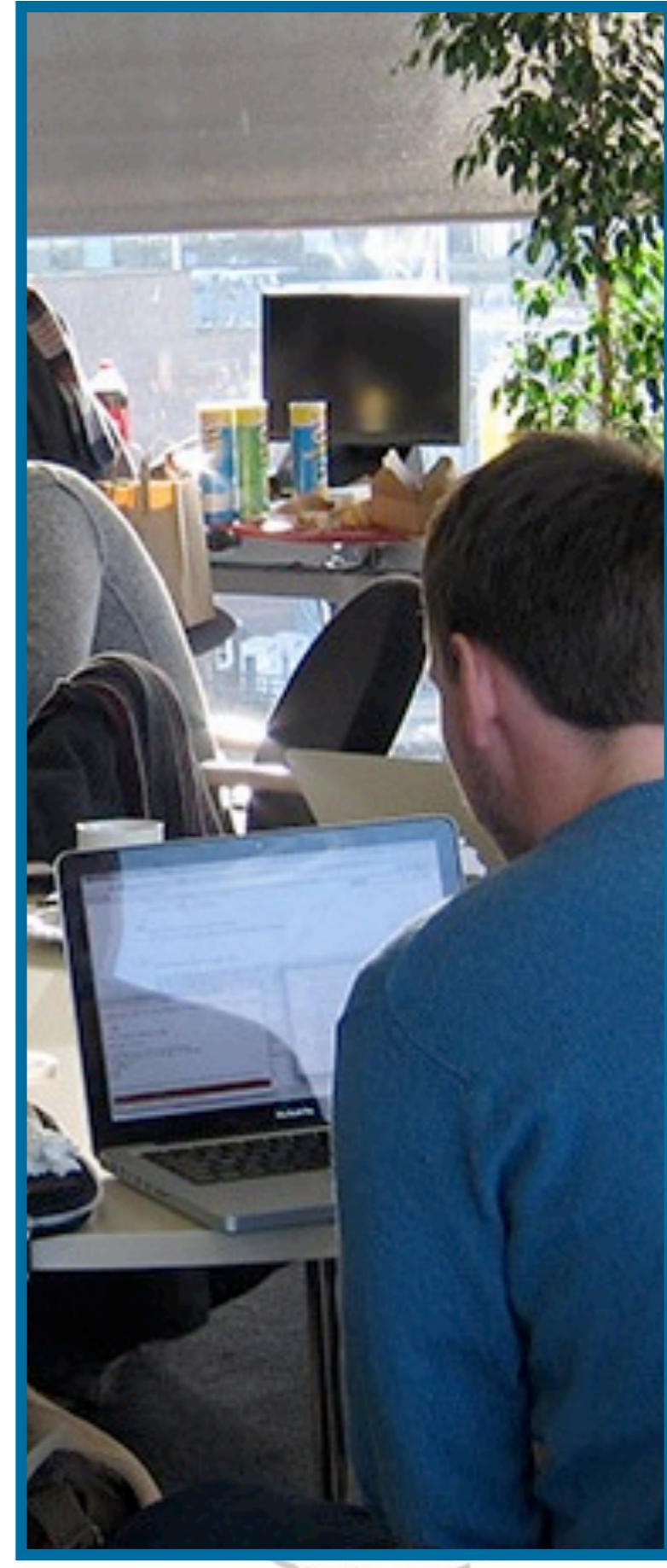
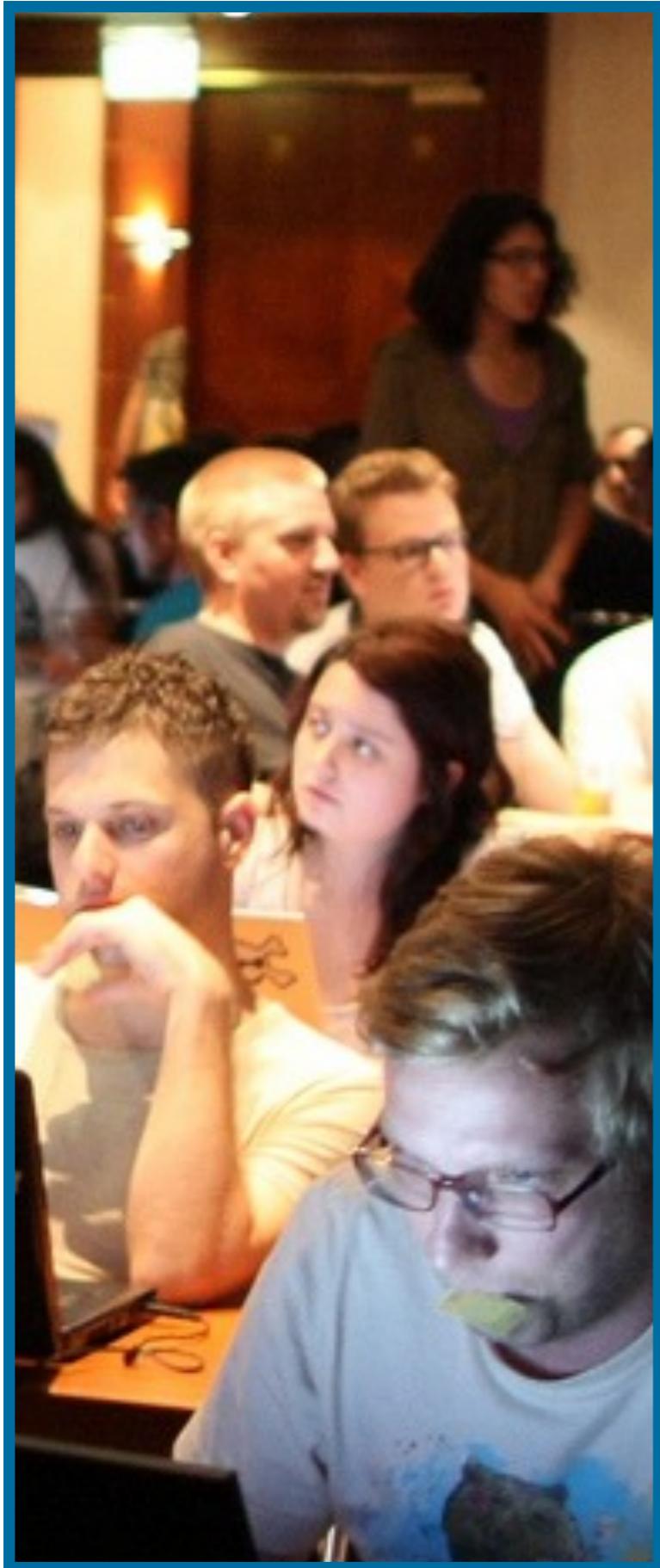


**...and some just want to sprint.**

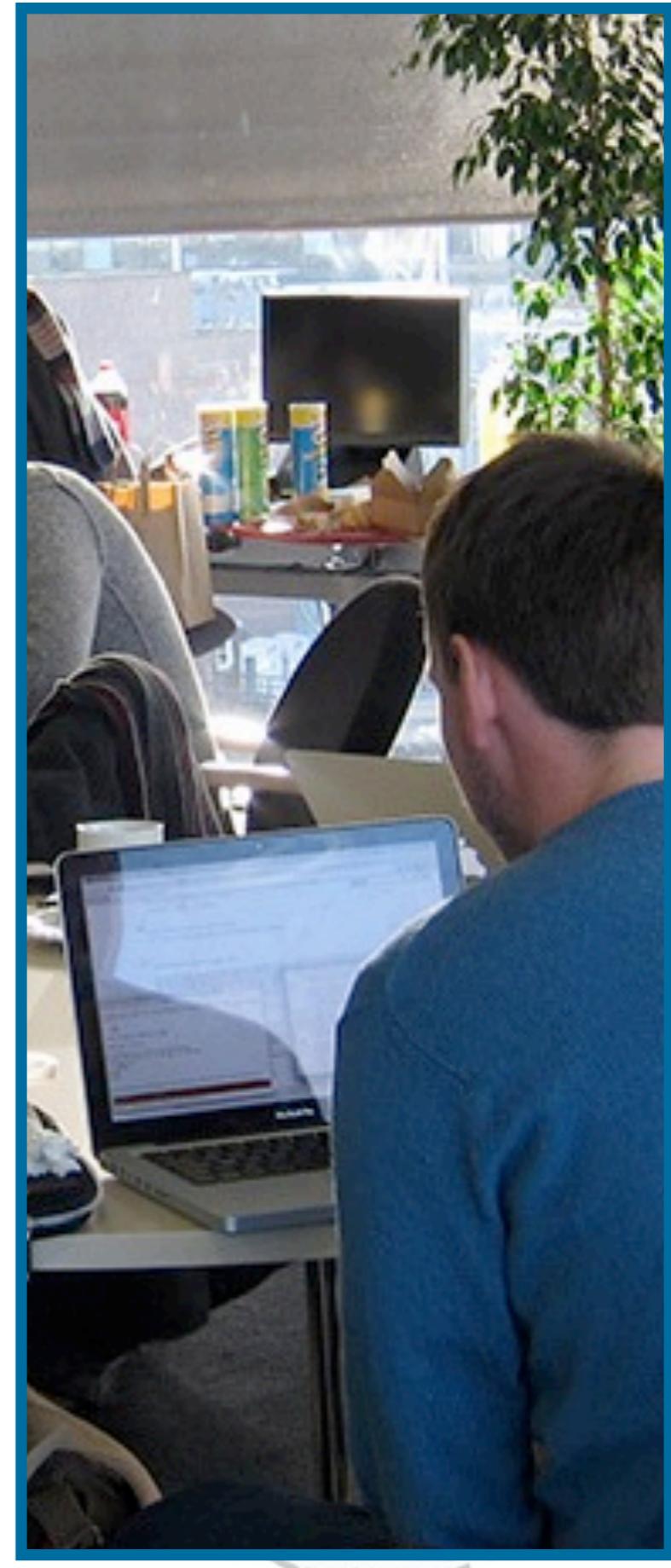
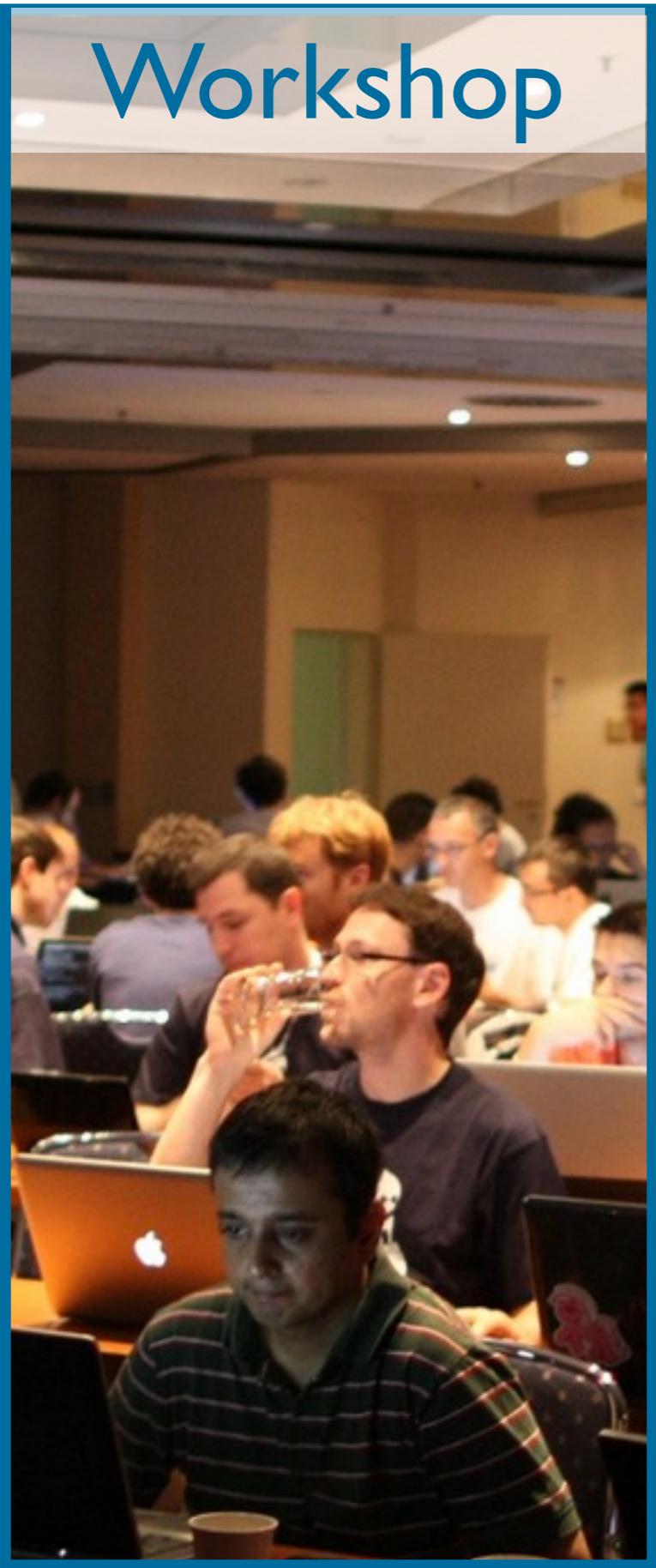


London VDC & CMI sprint

Photo: xjm



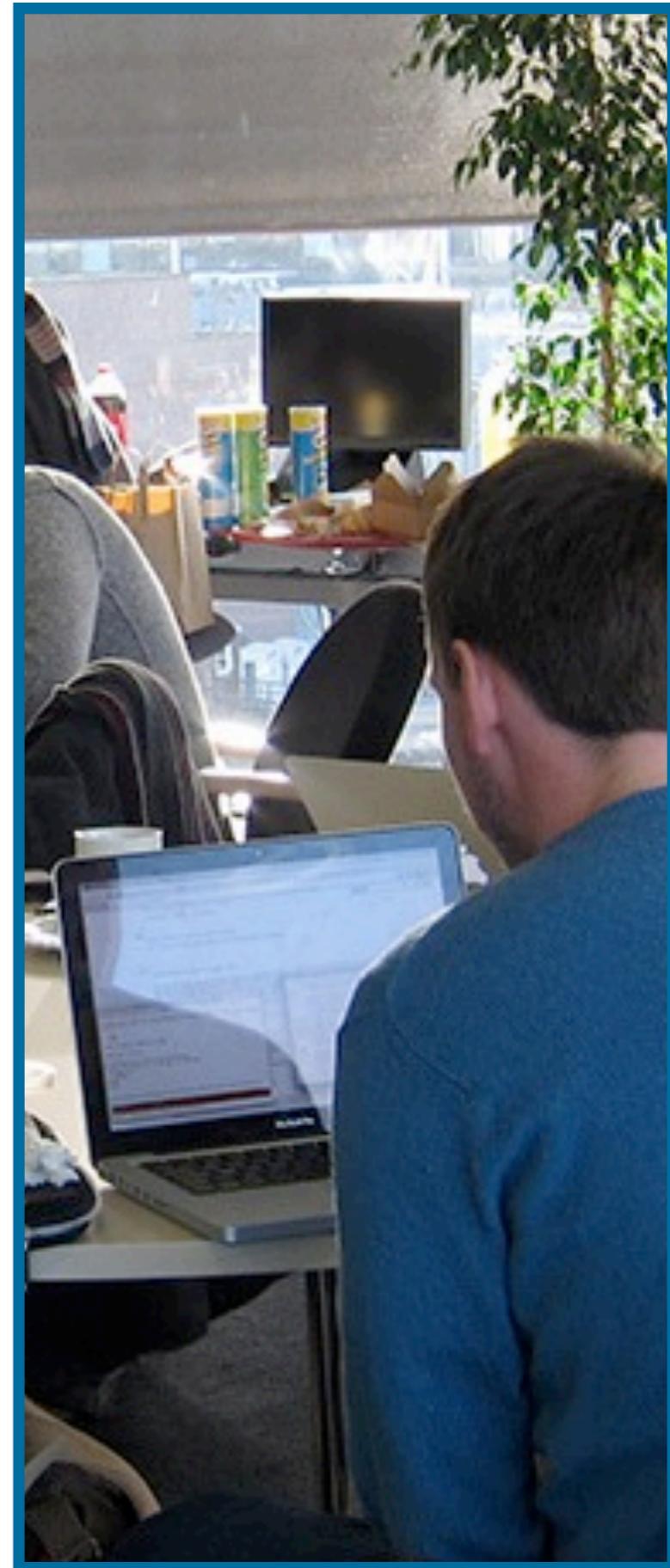
# Workshop



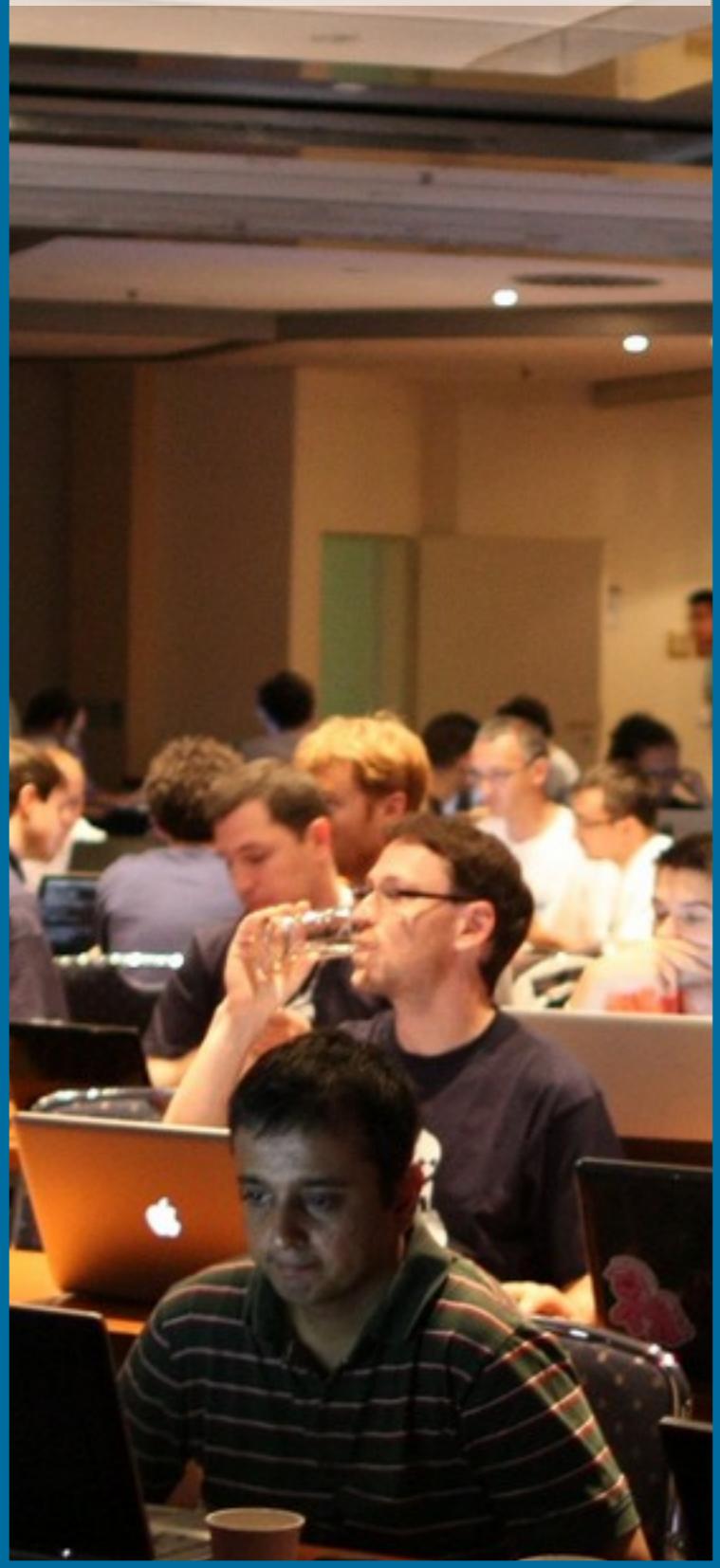
# Workshop



# Mentored



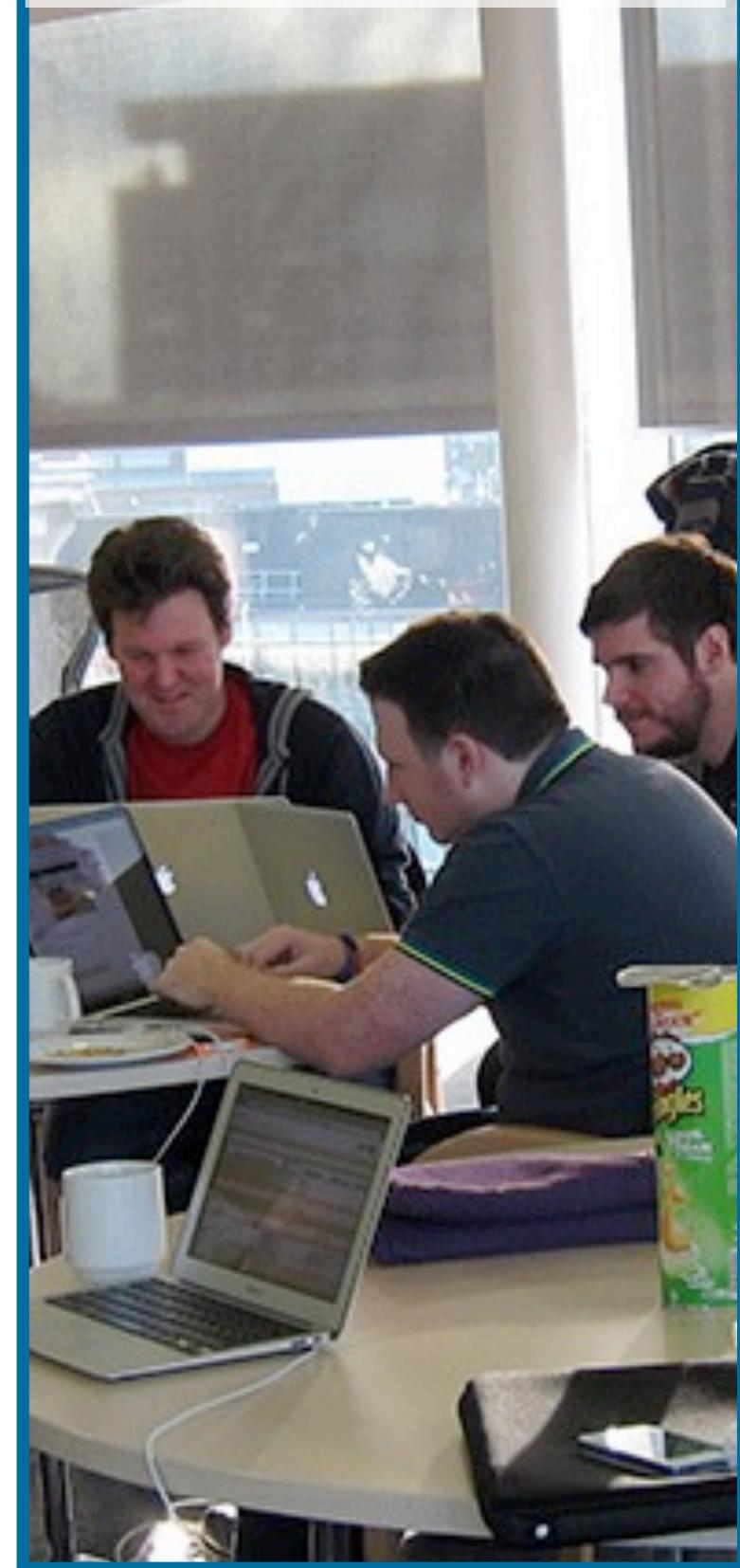
# Workshop



# Mentored



# Main Sprint

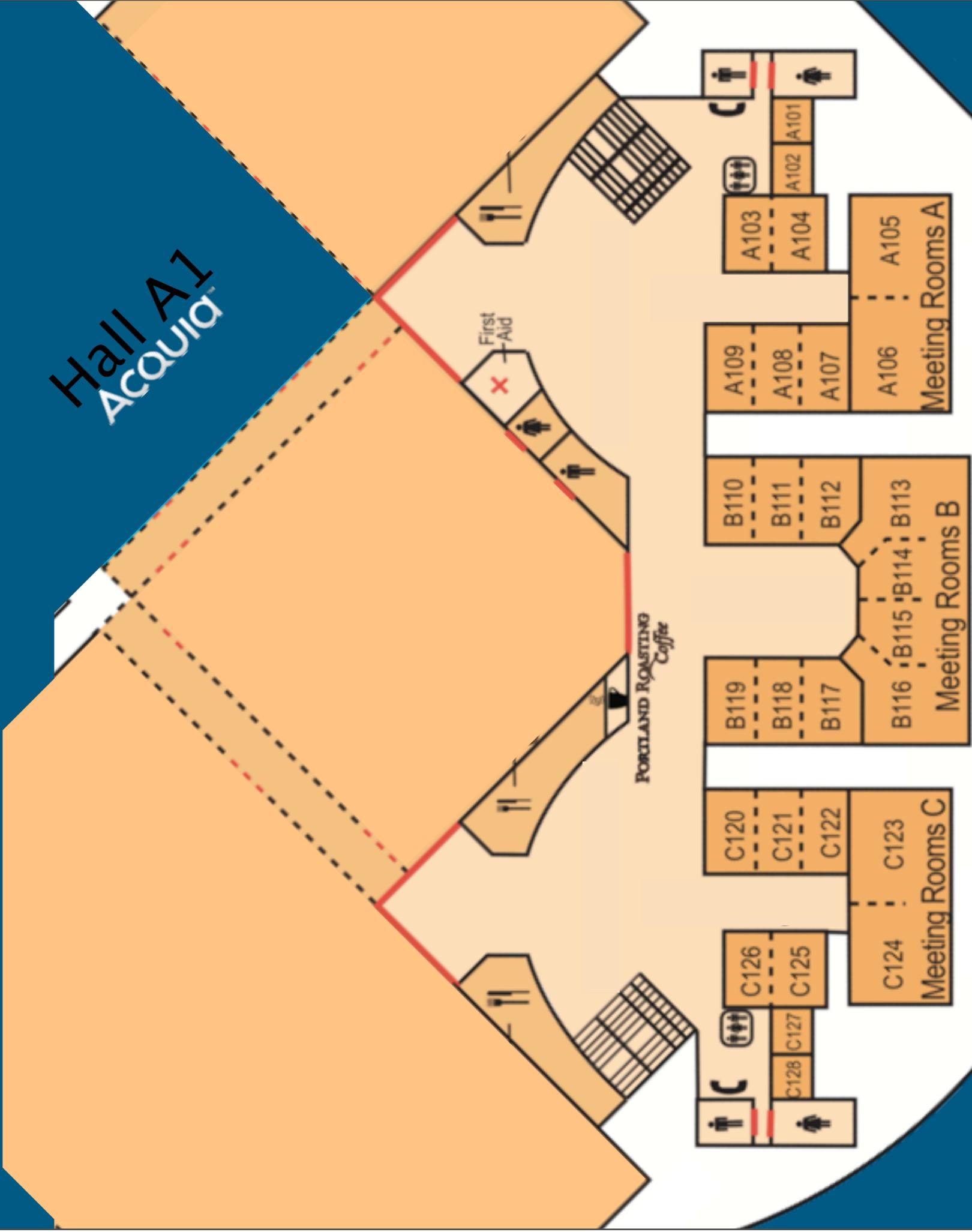


# Hall A1

ACQUIA



# Hall A1 Acquia



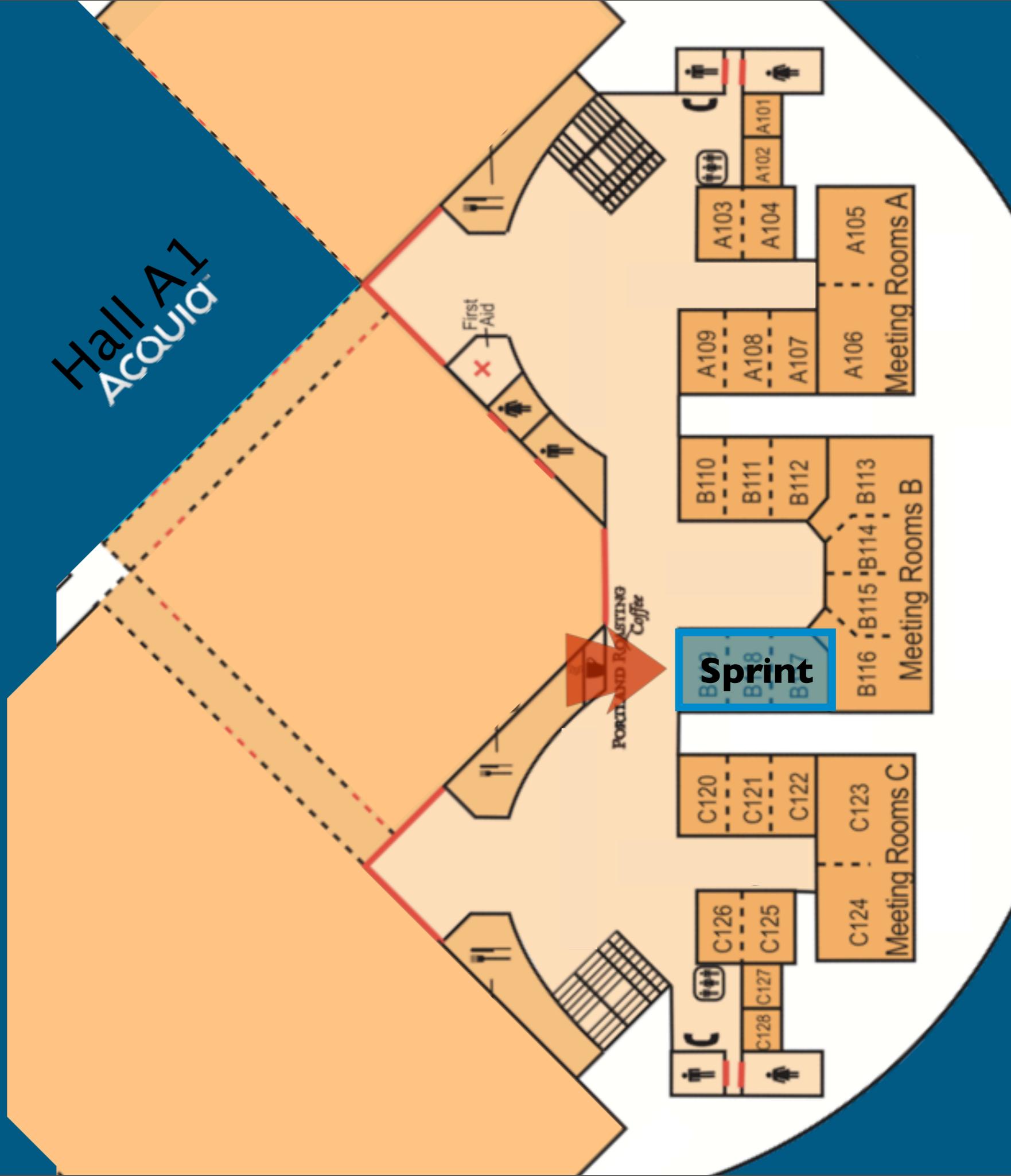
# Workshop



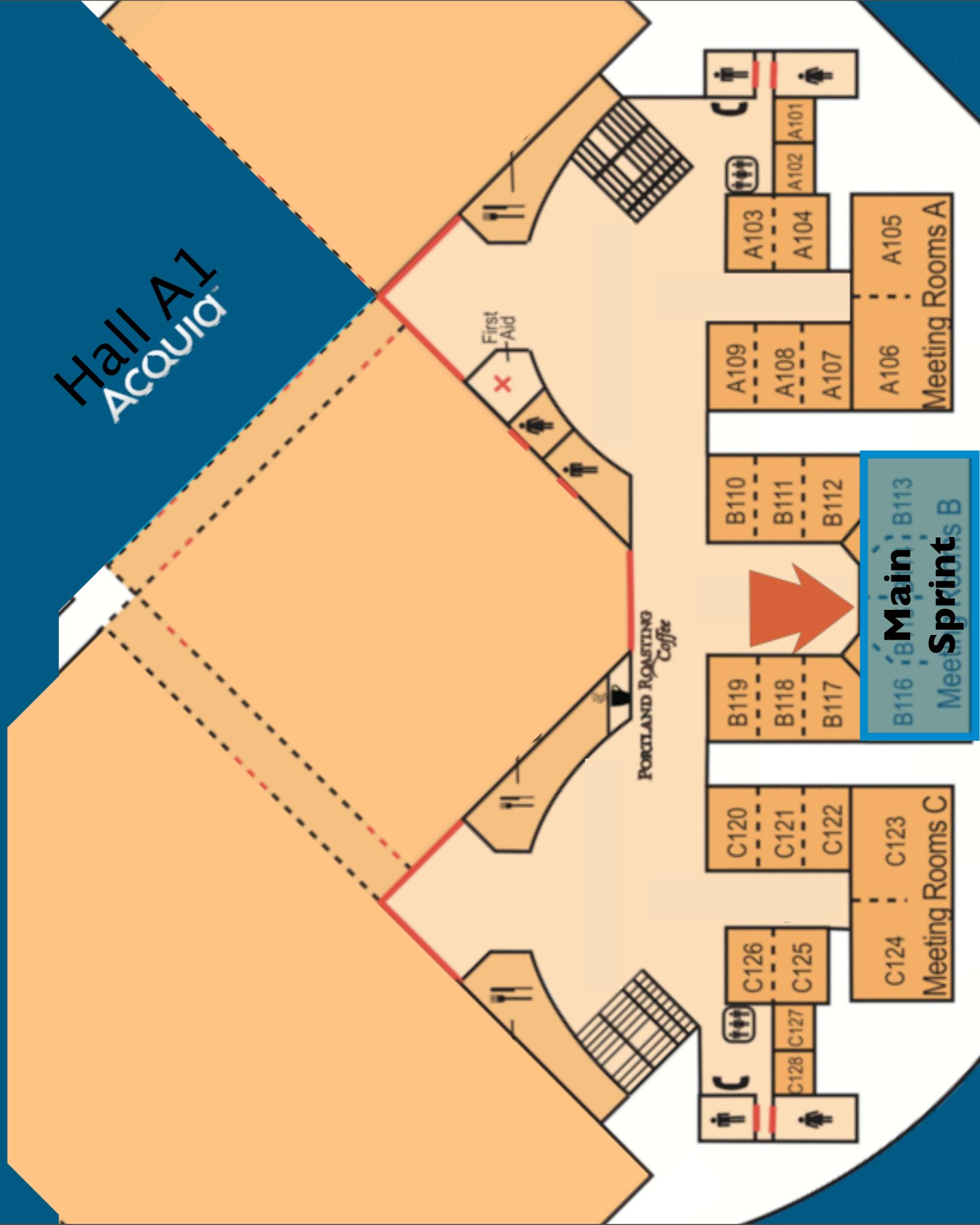
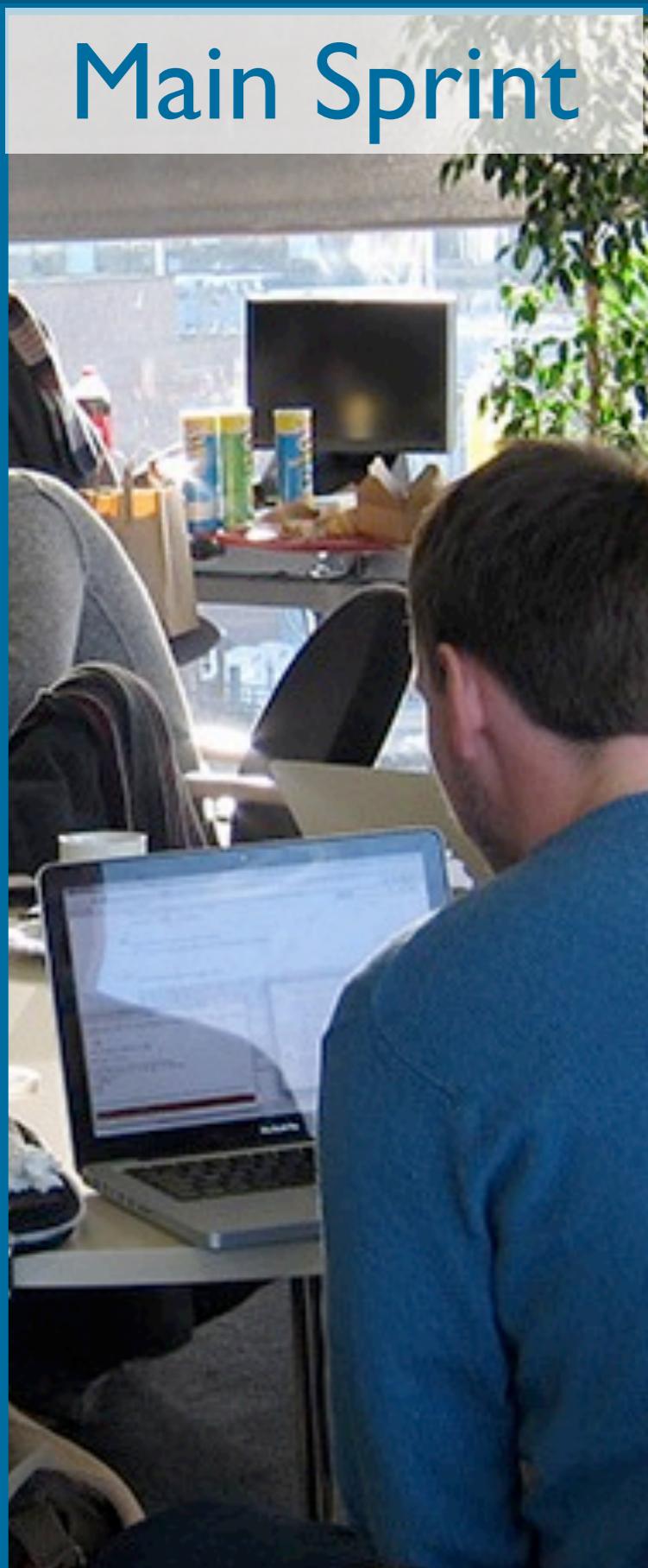
# Mentored



## Hall A1 Acquia



# Main Sprint



# **How to be an effective mentor**



# Collaborate



DrupalCon Munich

Photo: Pedro Lozano

# Expose your reasoning

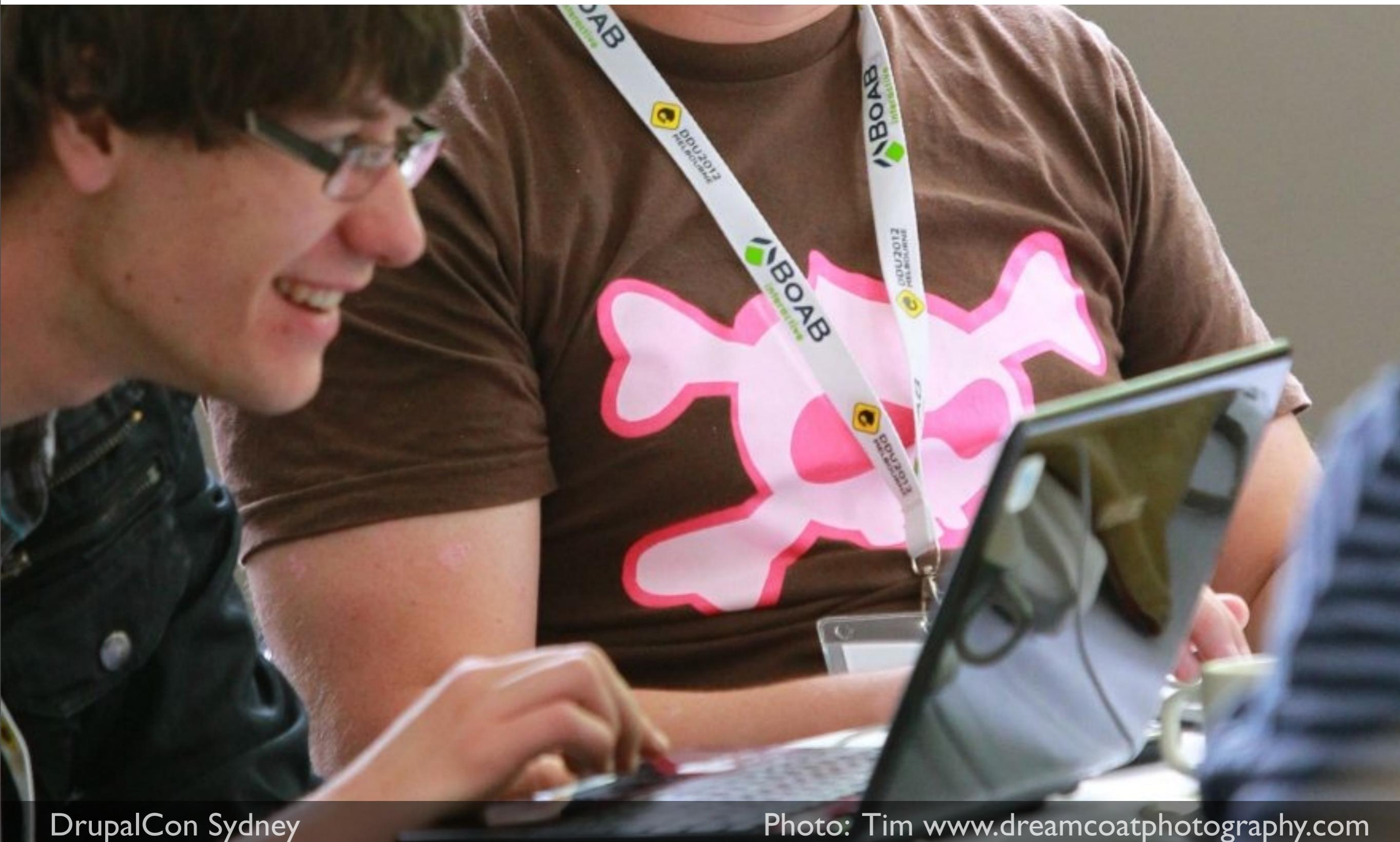


DrupalCon Sydney

Photo: kim.pepper

Friday, May 17, 13

# Match task to participant

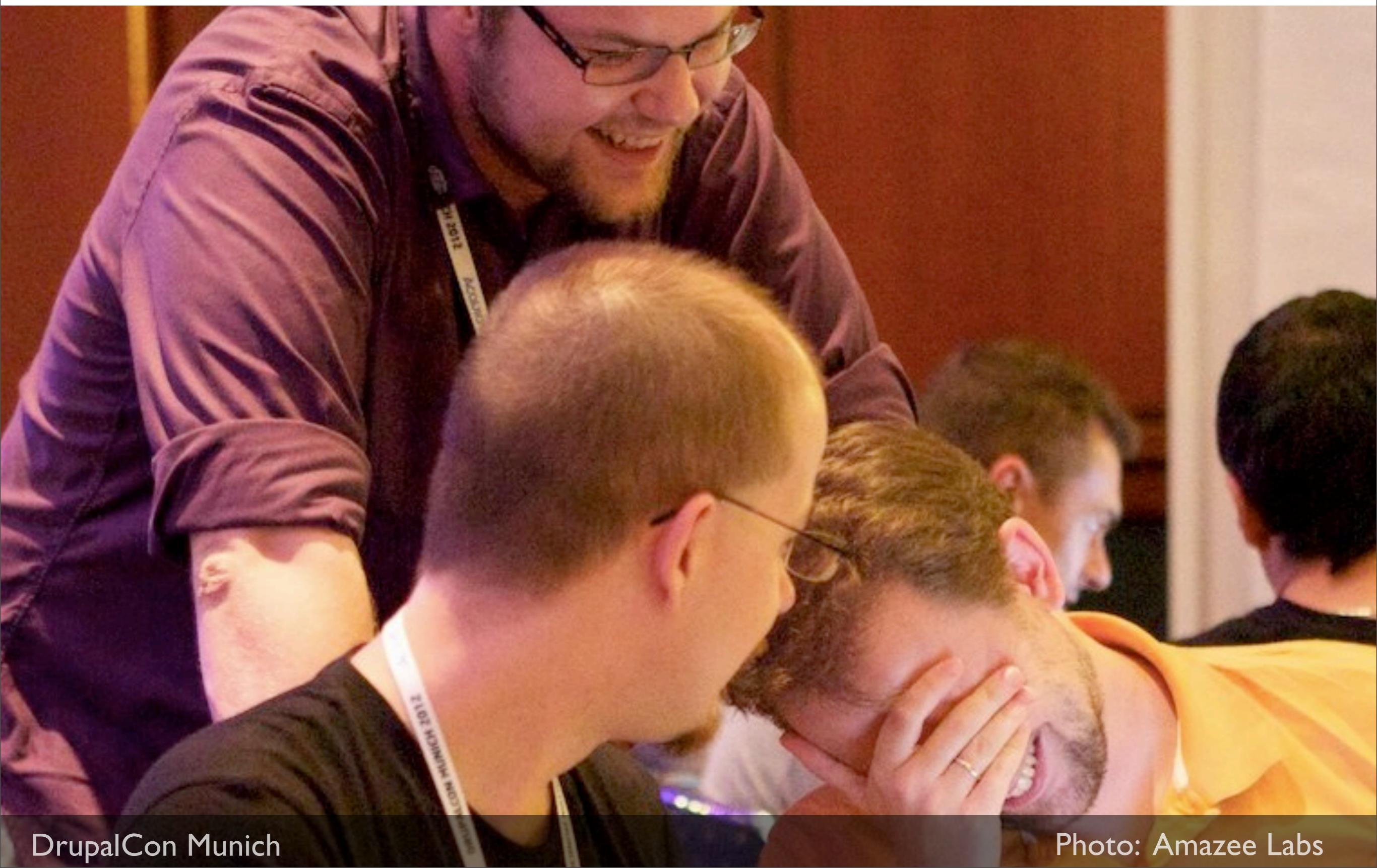


DrupalCon Sydney

Photo: Tim [www.dreamcoatphotography.com](http://www.dreamcoatphotography.com)

Friday, May 17, 13

# Full frontal nicety



DrupalCon Munich

Photo: Amazee Labs

Friday, May 17, 13

# **What's next for you?**



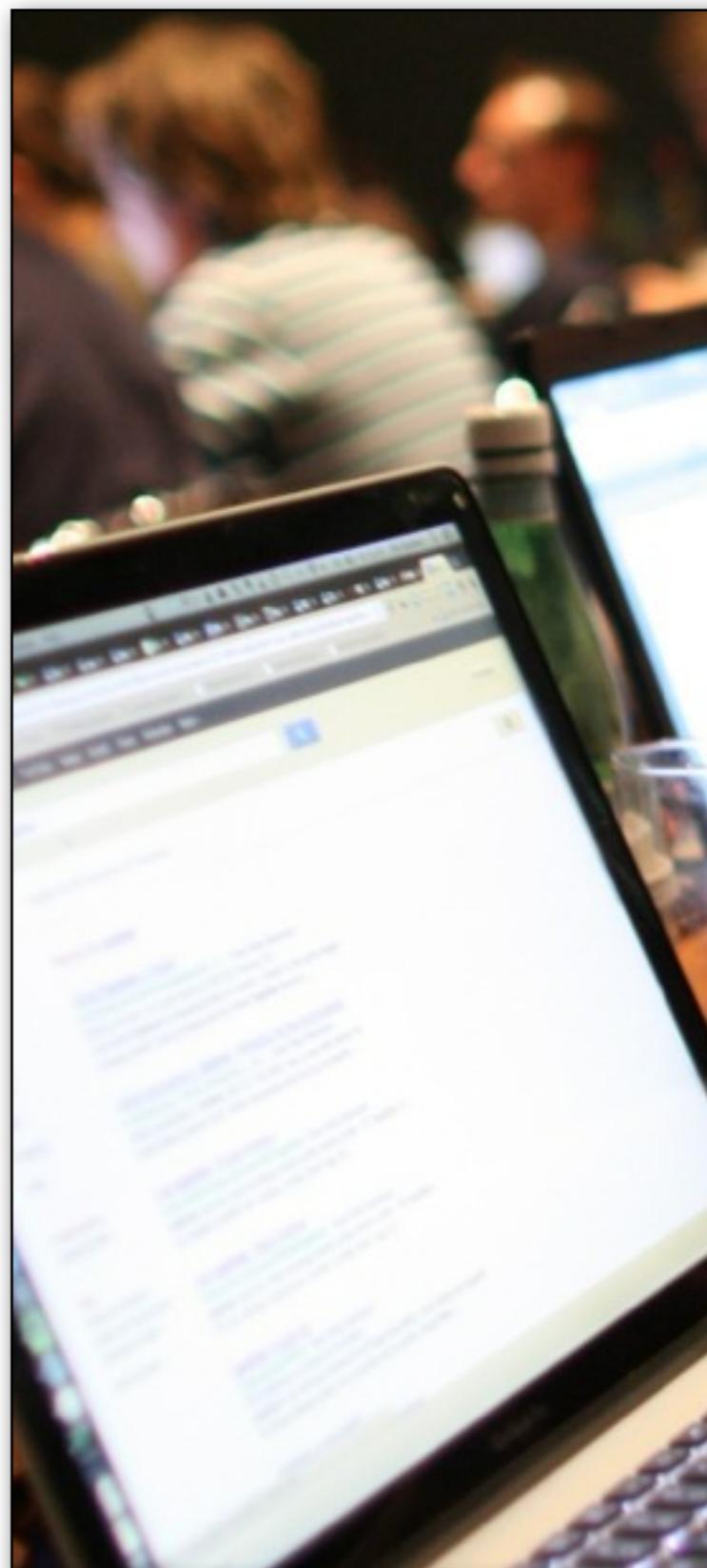
# Your mission

- ▶ Help lead a sprint
- ▶ Tell us about it --  
**@drupalmentoring**



Task level	Task type
- Any -	- Any -
Priority tasks	
Available	Task
Yes	Manual testing (see task notes)
Yes	Draft change notification
No	Create patch
Yes	Draft change notification
Yes	Expand test coverage
No	Improve issue summary
Yes	(advanced) Test installing Drupal from a DB dump & then upgrading
Yes	Toolbar performance testing
Yes	Write tests
Yes	CMI testing
Yes	Draft change notification
Yes	Draft change notification

## Tasks



## Dev Env

**Drupal™**

[Drupal Homepage](#) [Your Dashboard](#)

**Community**

[Community Home](#) [Getting Involved](#)

**New contributor tasks**

[View](#) [Edit](#) [Outline](#) [Revisions](#)

*Last updated April 18, 2013.*

Welcome to the Drupal Community! You're contributing your time to the Drupal project to get started. We thank you for your interest.

- Contributing makes you feel good
- Your contributions are valued
- Many of the tasks are fun to do
- The more you contribute, the more you learn
- Contributing makes you a more integral part of the community

In this section (as it grows), you will hopefully find tasks that are quick (about an hour or less) and easy to do, so you can get more deeply involved.

**Tools**

# Resources

- ▶ #drupal-contribute
- ▶ @drupalmentoring
- ▶ portland2013.drupal.org/node/2433
- ▶ drupal.org/core-mentoring/sprint-resources
- ▶ drupal.org/core-mentoring/portland





You belong here!

# Thanks

- ▶ Angie Byron
- ▶ Tim Plunkett
- ▶ Scott Reeves
- ▶ Kay VanValkenburgh
- ▶ Roger Goode
- ▶ Neil Kent
- ▶ Stephanie El-Hajj
- ▶ Megan Sanicki
- ▶ Holly Ross
- ▶ Pedro Lozano
- ▶ Kim Pepper
- ▶ Donna Benjamin
- ▶ drupalize.me
- ▶ The Nerdery
- ▶ Acquia
- ▶ Drupal Association
- ▶ And all of you!





DRUPALCON  
*Portland*  
MAY 20-24 2013

**What did you think?**

Evaluate this session at:  
[portland2013.drupal.org/node/2433](http://portland2013.drupal.org/node/2433)

Thank you!