

https://2018.badcamp.org/summits/devops-summit

### Agenda

#### **Schedule**

- 09:15 / Introductions
- 09:30 / What is Your Biggest DevOps question?
- 10:00 / The Quick Version: DevOps Terms and Tools in 2018
- 11:00 / Panel: How Do I Host Hundreds of Drupal Sites?
  - Shawn Dearmond: University of California SiteFarm
  - Thom Toogood: GovCMS (Lagoon/Kubernetes)
  - Daniel García Mont: ASU WebSpark
  - John Bickar: Stanford Sites
  - John Grubb: Platform.sh
- 11:45 / Lunch
- 1:00 / Lightning Talks: How Do I Test My Drupal Site?
  - Andrea Soper: <u>Catinuous Testing</u>
  - Rob Bayliss: Visual Regression Testing on Mass.gov
  - Monica Friend:
- 1:45 / Breakout/Hands-On w/ Speakers
- 2:15 / Breakout Report Back
- 2:45 / Where are They Now? Drupal DevOps Tools Status Report
  - DDEV Live: Kevin Bridges
  - Drupal Console: Jesus Manuel Olivas

Drush: Greg Anderson

Lando: Mike Pirog

Docksal: Sean Dietrich/Leonid Makarov

Aegir: Jon Pugh

Lagoon: Michael Schmid

- 3:30 / Breakout
- 4:00 / Closing Comments
- 5:30 / DevOps After Dark Happy Hour @ Tupper and Reed (Sponsored by DRUD) <u>SIGNUP HERE</u>

### **Notes**

Shameless plug since someone asked where to get one:
 <a href="https://www.zazzle.com/do\_you\_even\_drupal\_bro\_t\_shirt-235809684680">https://www.zazzle.com/do\_you\_even\_drupal\_bro\_t\_shirt-235809684680</a>
 <a href="https://www.zazzle.com/do\_you\_even\_drupal\_bro\_t\_shirt-235809684680">https://www.zazzle.com/do\_you\_even\_drupal\_bro\_t\_shirt-235809684680</a>

"Do you even Drupal, Bro?" tshirt. #epicgeekery

- G1A Starter Automation
  - https://packagist.org/packages/g1a/starter
- Kubernetes
  - https://kubernetes.io/
  - o Drupal Helm chart <a href="https://github.com/helm/charts/tree/master/stable/drupal">https://github.com/helm/charts/tree/master/stable/drupal</a>
- Anyone have details for the Servicenow scripts / site spin they just talked about?

# Notes: 11:00 Multiple Sites Panel

- John Bickar Stanford moving 1500 sites to Acquia
  - Had their own Drupal-based on-premise hosting platform called Stanford Sites, built 7 years ago

- o Site Factory solves the same problem, works with Stanford LDAP SSO
- o 17 people team
- Shawn DeArmond UC Davis

#### Central IT

#### 700 sites

- Shawn's group operates 300 sites
- There's another 300-400 sites
- about 100 other random sites around the campus
- Thom Toogood platform engineer at Amazee
  - GovCMS Drupal distro
  - Migrating a lot of sites from legacy provider to Amazee IO
  - o 240 sites
  - using Kubernetes
- Ryan? @ platform.sh Drupal dev on recurring billing
- Daniel García Mont (sp?) at ASU
  - o Univ tech office, central IT Dept
  - o Team of 20 UX / designers / developers / etc
  - o formerly hosted centrally 2000 sites (not just Drupal)
  - o 5 years ago instituted a cost recovery model which has shrunk # sites
  - o Currently 380 prod sites on Pantheon, mostly on Drupal
  - o has own distro webspark, represents 77% of their sites
  - Uses Behat tests on Travis CI

### **Behat Group**

Jon Pugh: New Composer Project geared for out of the box testing and devshop compatibility:

https://github.com/opendevshop/devshop-composer-template

- 1. Includes Drupal 8 (soon also for 7) with composer
- 2. Includes a "tests" folder with a pre-configured Behat setup with a single Features file.
- 3. On `composer install`, tests/bin/behat works.

Leverages a new Behat plugin we created to extend Drupal behat plugin: <a href="https://github.com/opendevshop/devshop-behat-extension">https://github.com/opendevshop/devshop-behat-extension</a>

1. Configures itself on composer install. No need to create behat.yml

- 2. Makes additional steps available:
  - a. Then I take a screenshot
  - b. Then I run the command "pwd"
- 3. Gives insight into test step failures:

Step Failed.

Site: pr35.devshop.support

Current URL: http://pr35.devshop.support/home

Screenshot:

http://pr35.devshop.support/sites/pr35.devshop.support/files/test\_failures//lshouldseeHostYourOwnDrupalNLpp17.png

Last Page Output:

http://pr35.devshop.support/sites/pr35.devshop.support/files/test\_failures/failure-1539455962.html

Watchdog Errors:

ID Date Type Severity Message 42785 13/Oct 14:39 page not warning favicon.ico found

4.

Question: How in depth to go with your testing?

Depends?

### BackstopJS Group

BackstopJS configuration:

https://github.com/massgov/mayflower/blob/develop/patternlab/backstopjs/backstop.js

CircleCI Configuration:

https://github.com/massgov/mayflower/blob/develop/.circleci/config.yml#L49-L69

Discussed comparing Prod to Stage as an easy way for people to get started with VRT.

A manual Bitbucket pipeline could be a good way to do this (with a push to S3 to allow client to review the results!)

Discussed daily Backstop runs for a site that breaks unexpectedly. Also, the idea of replacing dynamic text with Lorem Ipsum before screenshotting.

How to get started

### Monica Friend's Group

Matt Glaman's articles on running Drupal's automated tests with DDEV: <a href="https://glamanate.com/blog/running-drupals-phpunit-test-suites-ddev">https://glamanate.com/blog/running-drupals-phpunit-test-suites-ddev</a> <a href="https://glamanate.com/blog/running-drupals-nightwatch-test-suite-ddev">https://glamanate.com/blog/running-drupals-nightwatch-test-suite-ddev</a>

DevShop Demo

Create server from scratch video: https://youtu.be/tagIQHVERwA

## http://badcamp.devshop.cloud/

Lets onboard someone to our website: Log into <a href="https://devshop.support">https://devshop.support</a> portal, add new developer and allow them to submit a PR.

Greg Anderson Drush update.
Drush 9 alias convert command

https://github.com/lando/lando https://docs.devwithlando.io/

Docksal

https://docksal.io https://docs.docksal.io https://github.com/docksal/docksal