



<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: [Catinuous Testing](#)
 - 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) [SIGNUP HERE](#)

Notes

- Shameless plug since someone asked where to get one:
https://www.zazzle.com/do_you_even_drupal_bro_t_shirt-235809684680183106
"Do you even Drupal, Bro?" tshirt. #epicgeekery
- G1A Starter - Automation
 - <https://packagist.org/packages/g1a/starter>
- Kubernetes
 - <https://kubernetes.io/>
 - Drupal Helm chart - <https://github.com/helm/charts/tree/master/stable/drupal>
- **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

- Site Factory solves the same problem, works with Stanford LDAP SSO
- 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 Amaze
 - GovCMS Drupal distro
 - Migrating a lot of sites from legacy provider to Amaze IO
 - 240 sites
 - using Kubernetes
- Ryan? @ platform.sh - Drupal dev on recurring billing
- Daniel García Mont (sp?) at ASU
 - Univ tech office, central IT Dept
 - Team of 20 UX / designers / developers / etc
 - formerly hosted centrally 2000 sites (not just Drupal)
 - 5 years ago instituted a cost recovery model which has shrunk # sites
 - Currently 380 prod sites on Pantheon, mostly on Drupal
 - 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:

<https://github.com/opendevshop/devshop-behat-extension>

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//Isho
uldseeHostYourOwnDrupalNLpp17.png

| Last Page Output:

http://pr35.devshop.support/sites/pr35.devshop.support/files/test_failures/failur
e-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:

<https://glamanate.com/blog/running-drupals-phpunit-test-suites-ddev>

<https://glamanate.com/blog/running-drupals-functional-javascript-tests-ddev>

<https://glamanate.com/blog/running-drupals-nightwatch-test-suite-ddev>

DevShop Demo

Create server from scratch video: <https://youtu.be/taqlQHVERwA>

<http://badcamp.devshop.cloud/>

Lets onboard someone to our website: Log into <https://devshop.support> 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>