Webform 8.x-5.x

Jacob Rockowitz

WEBFORM 8.X-5.X

HELLO!

Hi, my name is Jacob Rockowitz.

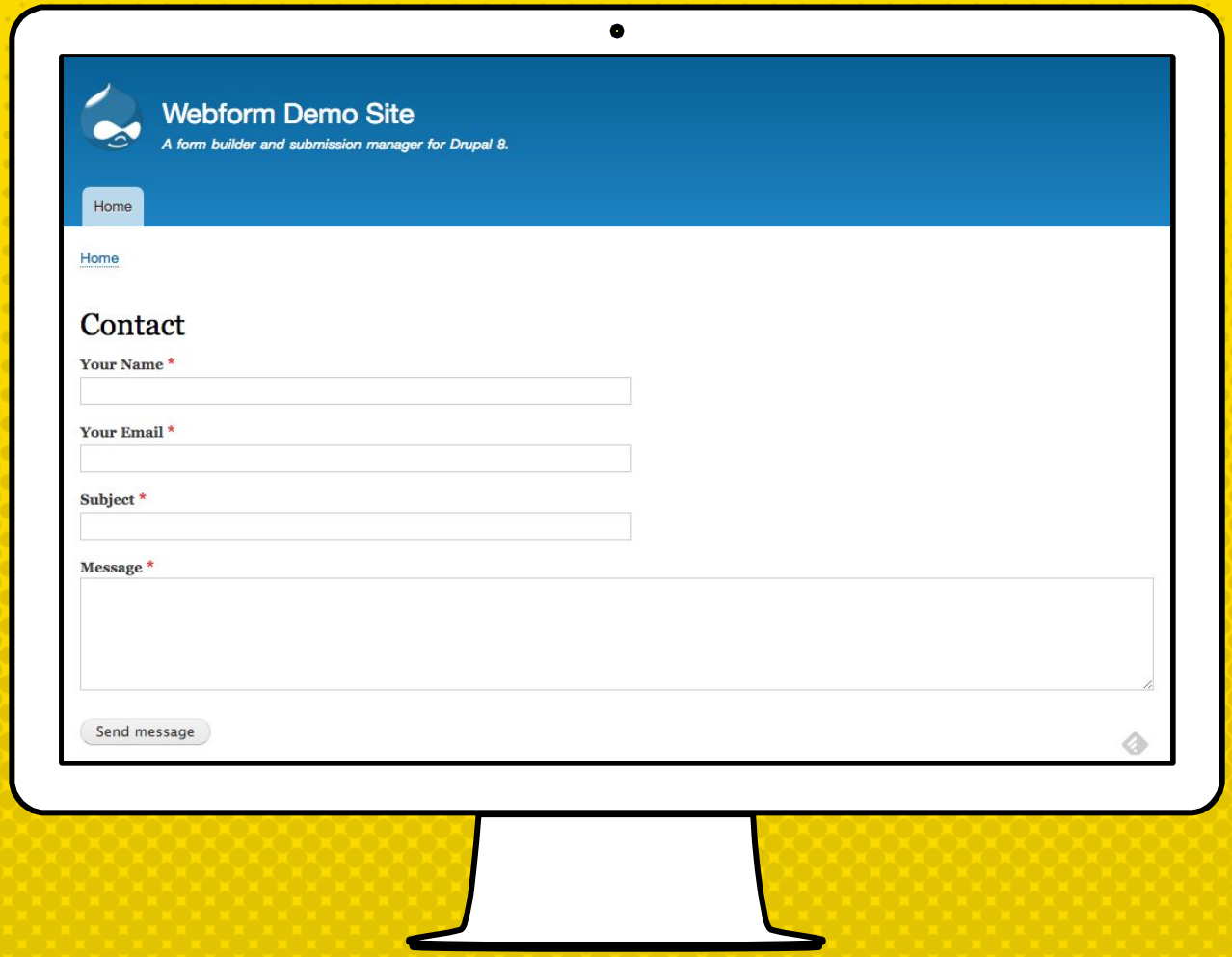
- I am known as jrockowitz on the web.
- I am a Drupal developer/software architect.
- I built and maintain the Webform module for Drupal 8.

1.

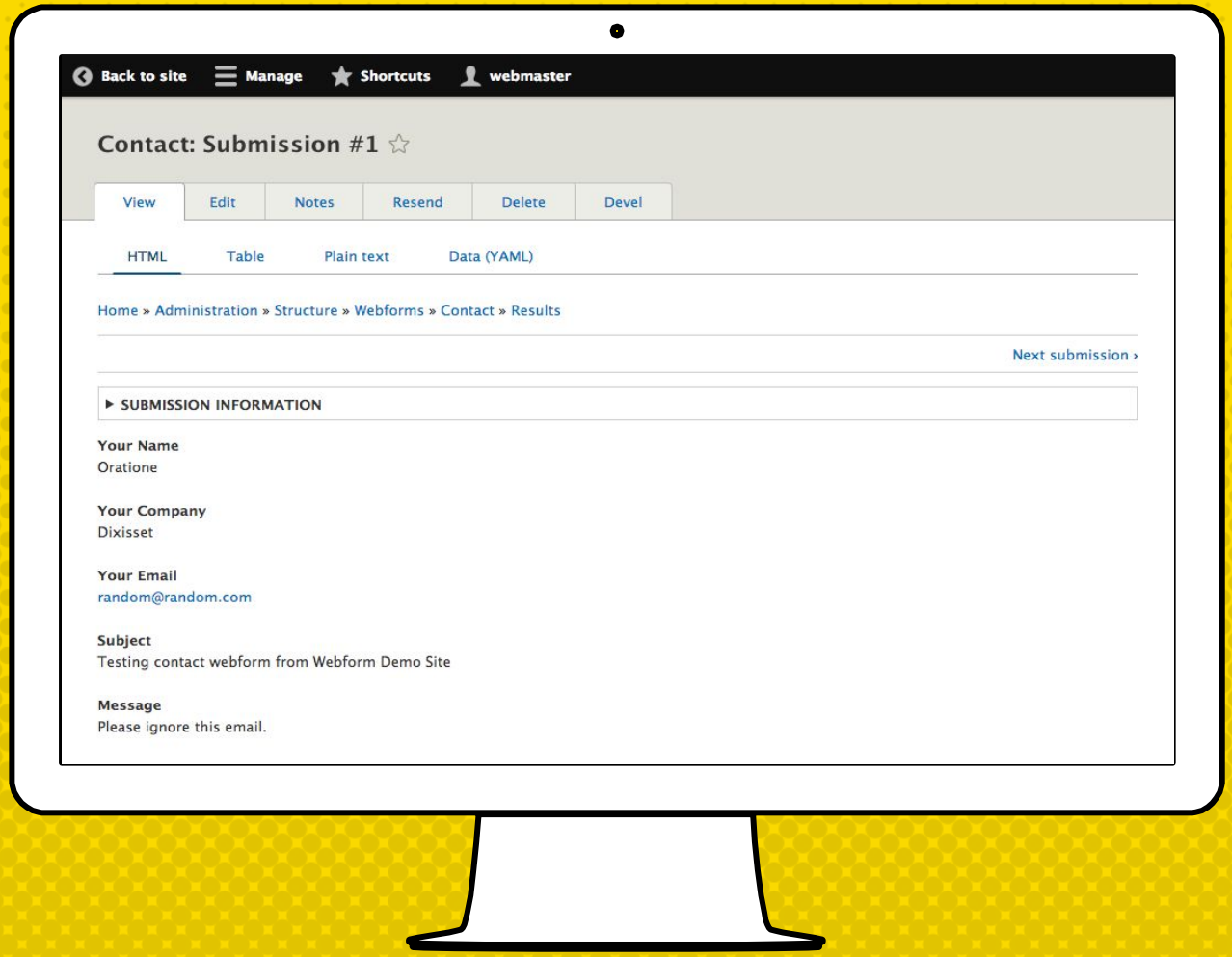
WHAT IS THE WEBFORM MODULE?

A FORM BUILDER
AND
SUBMISSION MANAGER

THIS IS A FORM



THIS IS A FORM SUBMISSION



YAMLFORM 8.X-1.X TO WEBFORM 8.X-5.X

- 2015 – Webform was not ported to Drupal 8.
- 2015 – YAML Form began with MSKCC's early adoption of Drupal 8.
- 2016 – YAML Form module created
- 2017 – YAML Form moved to Webform.

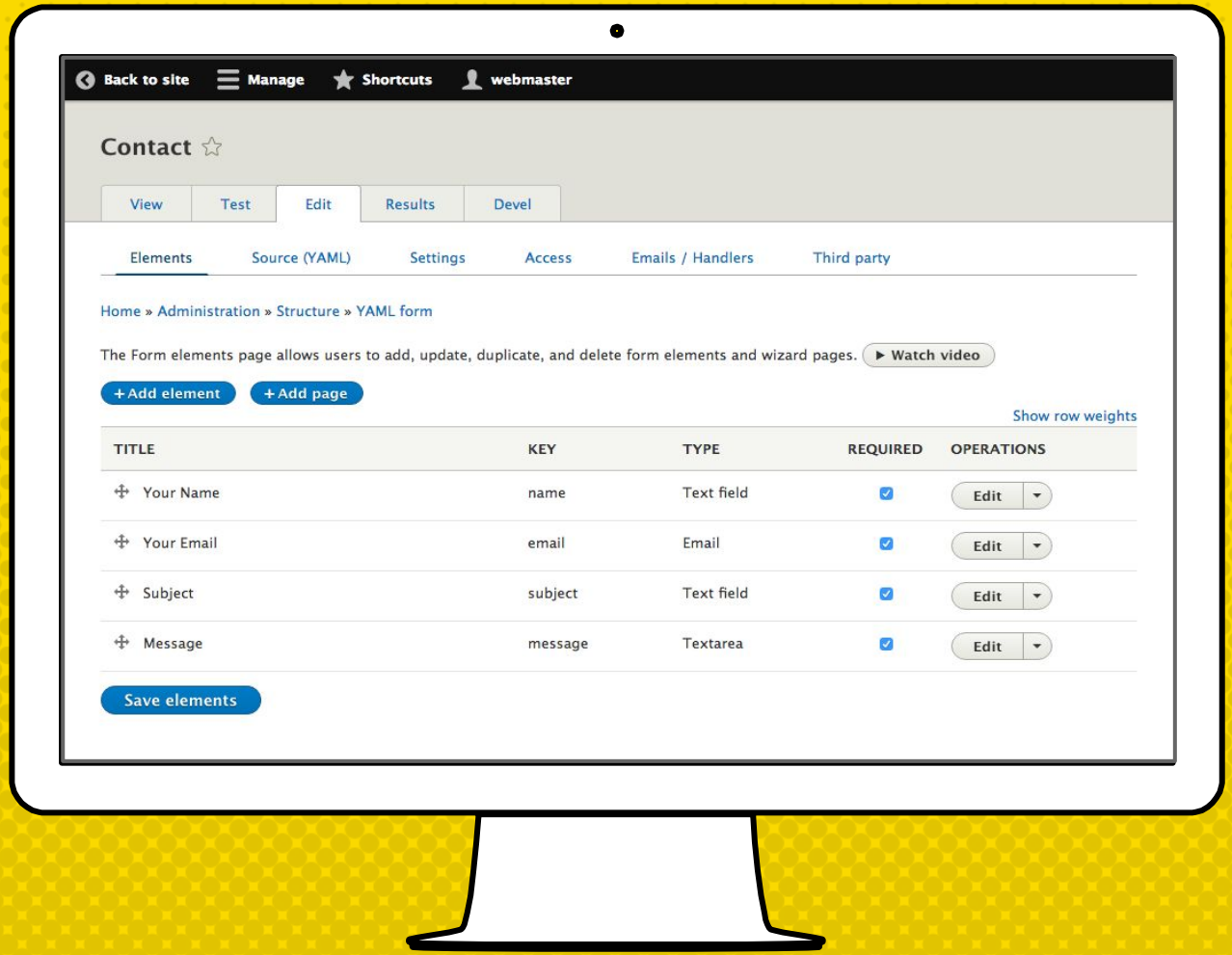
- YAML Form was a developer centric solution.
- Webform is for developers & site builders.

WHAT IS A YAML FORM

THIS WAS THE YAML FORM MODULE

WHAT IS A WEBFORM

THIS IS THE WEBFORM MODULE



<demo>

WHAT'S NEW?

- Object Oriented API
- Editing the Source
- 70+ Webform Elements
- 100's of Custom Settings
- Composites & Multi-value
- Examples & Templates
- Customizable Results
- More Documentation

https://www.drupal.org/docs/8/modules/webform/webform-features

WHAT'S MISSING?

- Views Integration
- Rules Integration
- Drag-n-Drop WYSIWYG
- Advanced Conditionals
- Statistics & Charts
- Third Party Integrations
- D6 and D7 Migration
- Contributors...

https://www.drupal.org/docs/8/modules/webform/webform-roadmap

MORE COOL STUFF...

- Anonymous Drafts with Automated Purging.
- Anonymous to Authenticated Submission Conversion.
- Reusable Select, Radios, and Checkbox Options .
- Custom JavaScript and Stylesheet Injection.
- Form Opening and Closing Scheduling.
- Form and Element Access Controls.
- Send Email to All User Assigned to a Specific Role.
- Scheduled Email Reminders.
- Submission and Transaction Log.
- Third Party Settings including Honeypot Integration.
- Dismissable Inline Messages.

2.

Who built the webform module?

Thank QuickSketch and the Maintainers

The Webform module has been maintained by Nate Haug (QuickSketch), since March 24, 2006.

Webform 7.x-4.x lives on in BackDropCMS.

509,083 SITES

currently report using the Webform module

3,695,777 DOWNLOADS

since 2004

Why did I build the YAML form/Webform module

- I want to contribute something.
- I like to focus my energy on one project.
- I enjoy working on long term projects.

- Drupal 8 needs a form builder.
- Open Source needs a form builder.

3.

Why should you use the Webform module?

THE WEBFORM MODULE
IS OPEN SOURCE
AND ALLOWS
YOUR WEBSITE TO
COLLECT DATA

THE USE CASE...

- **BUILD** a form or copy a template
- **PUBLISH** the form as a page, node, or block
- **COLLECT** form submissions
- **SEND** confirmations and notifications
- **REVIEW** results online
- **DOWNLOAD** results as a CSV

ONCE AGAIN, THE USE CASE...

THE OTHER USE CASE...

4.

What are the alternatives to the Webform module?

PROPRIETARY

JotForm

Google FORMS

WUFOO
Making forms easy + fast + fun.

OPEN SOURCE

GRAVITY

<form.io>

NINJAFORMS

DRUPAL CORE

Extend

+ Add contact form

5.

WHERE DO YOU START?

THE WEBFORM MODULE IS
A COMPLETE SOLUTION
FOR BUILDING FORMS

Installation

- Download the Webform module
  https://www.drupal.org/project/webform
- Enable Webform core and sub modules
  https://www.drupal.org/docs/8/modules/webform/webform-introduction
- Install external libraries
  https://www.drupal.org/docs/8/modules/webform/webform-libraries
- Add additional functionality using add-ons
  https://www.drupal.org/docs/8/modules/webform/webform-add-ons

Getting Help

- Documentation & Cookbook
  https://www.drupal.org/docs/8/modules/webform/webform-cookbook
- Screencasts
  https://www.drupal.org/docs/8/modules/webform/webform-videos
- Drupal Answers
  http://drupal.stackexchange.com
- Webform Issue Queue
  https://www.drupal.org/project/issues/webform?version=8.x

<demo>

6.

WHAT CAN YOU DO WITH THE MODULE?

THE WEBFORM MODULE ALLOWS YOU TO BUILD

ANY TYPE OF FORM

Learn from the examples, templates, and tests.

- Elements & Composites
- Multicolumn Layouts
- Multi-step Wizard
- Conditional Logic
- Demo Applications
- Reusable Templates

<demo>

1.

WHAT CAN YOU BUILD WITH THE MODULE?

THE WEBFORM MODULE ALLOWS YOU TO BUILD APPLICATIONS

APPLICATIONS

College Application

Job Application

Employee Evaluation

REGISTRATION

Event Registration

Meetup Registration

User Registration

ETC...

Online Donations

Appointments

User Profiles

8.

How do you publish a webform

WEBFORMS CAN BE
FULLY INTEGRATED
INTO YOUR WEBSITE.

Placing forms on your website

Node

Webforms can be attached to a node with the node's form submissions collected in a dedicated 'Results' tabs.

Block

Webforms can be placed on your site as a block. The URL and source entity for each submission is automatically tracked.

Custom

Webforms can be added to a render array, which can be easily altered using custom hooks and/or plugins.

<demo>

9.

WHAT CAN YOU DO WITH SUBMISSIONS

THE WEBFORM MODULE PROVIDES AN API TO DOWNLOAD AND/OR HANDLE SUBMISSION CONFIRMATIONS AND NOTIFICATIONS TO ANY SYSTEM

Types of Webform Handlers & Exporters

Notification

Submissions can be emailed using a WebformHandler which, can be extend to route submissions to any system.

Remote Post

Submissions can also be pushed to any remote server.

Download

Submissions can be downloaded as CSV, JSON, YAML, and more...

<demo>

FRONT-END

ANY BACKEND

10.

WHAT CAN YOU CUSTOMIZE?

THE WEBFORM MODULE
SHIPS WITH
REASONABLE DEFAULTS
BUT EVERYTHING
IS CUSTOMIZABLE.

<demo>

11.

How do you extend this module?

What is what

- **Webforms** are config entities.
- **Submissions** are content entities.
- **Elements**, **Handlers**, and **Exporters** are plugins.
- **Everything** runs through Drupal's theme system.
- ...and there are lots of **Tests**.

12.

SO, WHAT'S NEXT?

ROADMAP...

Views

Better Views integration for form submission data.

Rules

Rules integration to enhance form handling.

Conditionals

Provide server-side validation for #states, include hiding wizard pages.

Templates

More out-of-the box starter templates.

3rd Party Integration

Payment, CRM, Google Sheets, etc...

UI/UX

Integrate the Outside-In initiative's system tray with element previews.

https://www.drupal.org/docs/8/modules/webform/webform-roadmap

and ...

FIELD API INTEGRATION

Issue #2792583: Use Field API
https://www.drupal.org/node/2792583

13.

How can we help WebForm succeed?

THE WEBFORM MODULE
IS OPEN SOURCE,
IT IS FREE, AND
WE NEED TO HELP IT GROW.

CONTRIBUTE TO THE COMMUNITY

SPONSOR A FEATURE???

How can an individual maintain an important Drupal project, which is free?

How could we contribute a sponsored feature?

1. Create an issue on Drupal.org
2. Describe the problem.
3. Define a solution.
4. Estimate the amount of work.
5. Sign an agreement.
6. Build the feature.
7. Share the feature.
8. Maintain & repeat...

KENNESAW STATE UNIVERSITY

https://www.drupal.org/kennesaw-state-university

Center for Excellence
in Teaching and Learning

- #2856842: Send email to selected roles
  https://www.drupal.org/node/2856842
- #2864327: Send email based on different states
  https://www.drupal.org/node/2864327
- #2854020: Log submission events/transactions
  https://www.drupal.org/node/2854020
- #2854017: Schedule the sending of emails
  https://www.drupal.org/node/2854017

14.

HOW CAN I HELP YOU?

LEARN

TRAINING & SUPPORT

CONTRIBUTE

SPONSOR A FEATURE

SUCCEED

CONTACT ME

JROCKOWITZ.COM

https://www.drupal.org/u/jrockowitz

Ralph says...

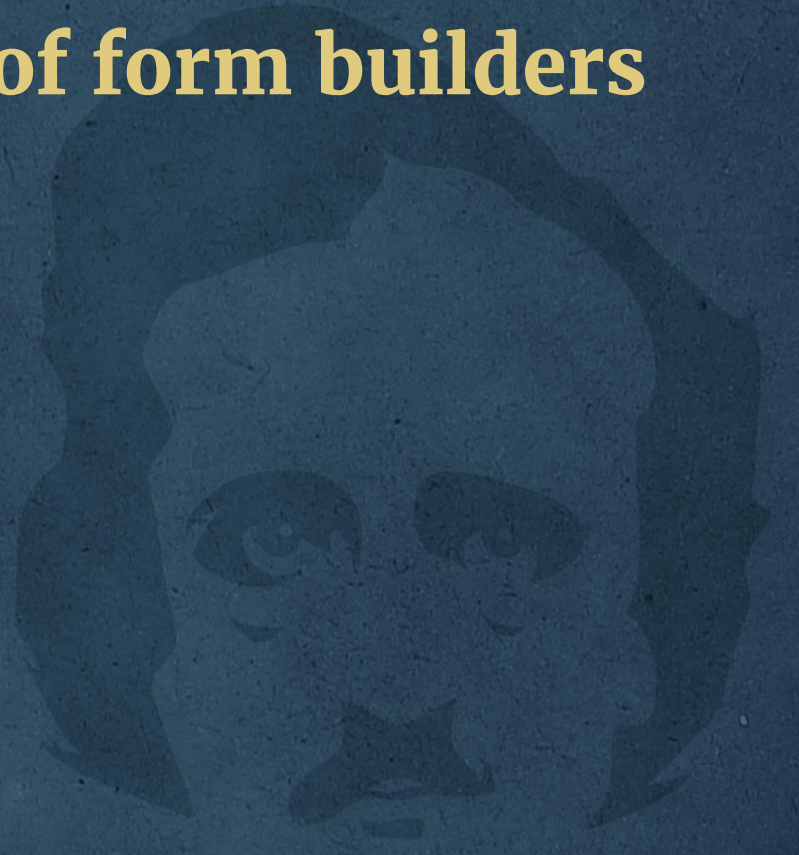
THANKS!

Join the Birds of a Feather

Webform and the future of form builders for Drupal 8.

Wednesday, April 26, 2017
10:45am to 11:45am
Room: 305

https://events.drupal.org/baltimore2017/bofs/webform-and-future-form-builders-drupal-8



Join Us for Contribution Sprints

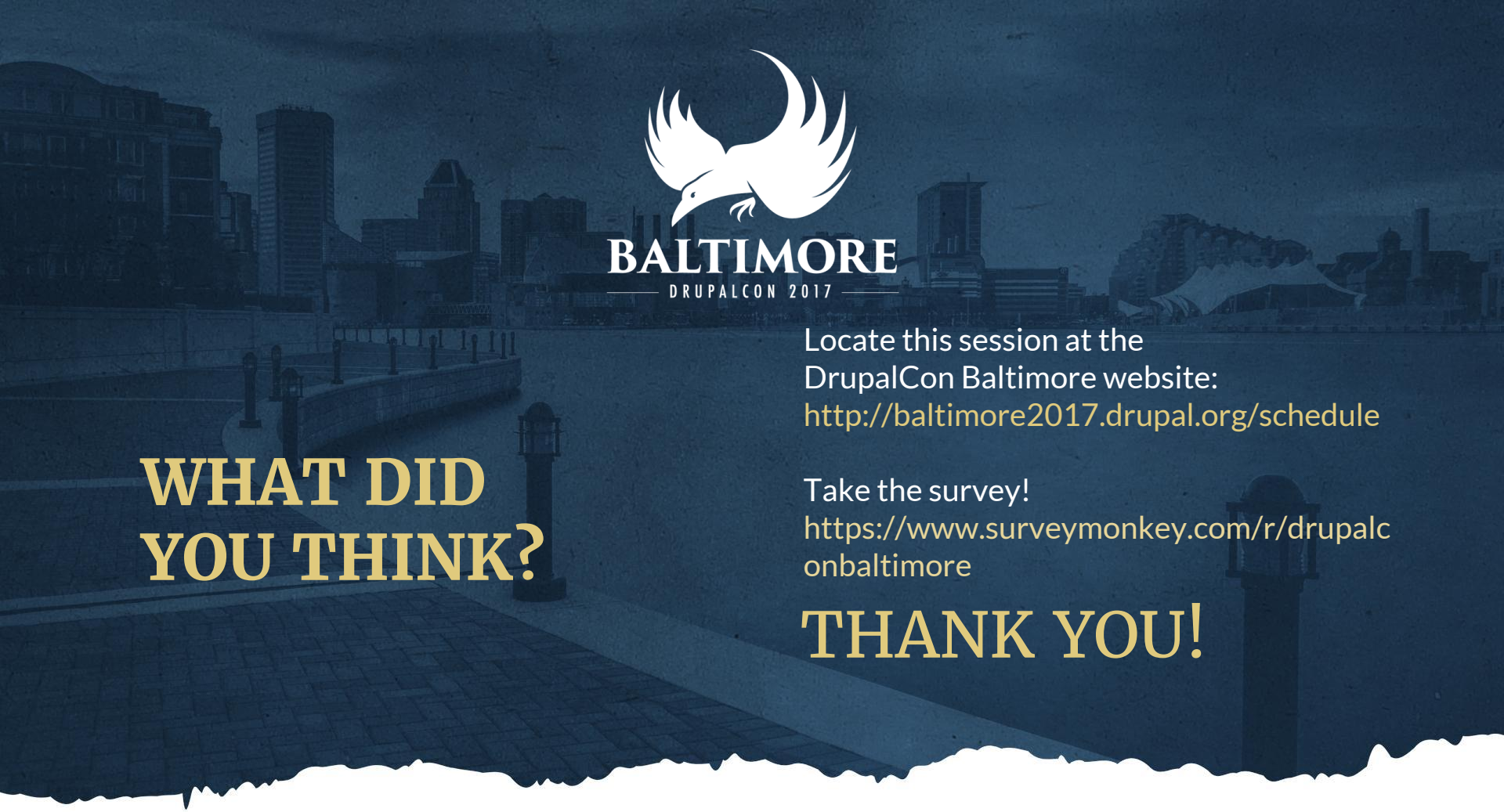
Friday, April 28, 2017

First-Time Sprinter Workshop
9:00am-12:00pm
Room: 307-308

Mentored Core Sprint
9:00am-12:00pm
Room: 301-303

General Sprints
9:00am-6:00pm
Room: 309-310

#drupalsprints



WHAT DID YOU THINK?

Locate this session at the DrupalCon Baltimore website:
http://baltimore2017.drupal.org/schedule

Take the survey!
https://www.surveymonkey.com/r/drupalconbaltimore

THANK YOU!