HELLO!
I am Jacob Rockowitz (jrockowitz on Drupal.org)
I build custom CMS and Data Management solutions using Drupal.
I want you to adopt Drupal 8.
1. WHAT IS THE WEBFORM MODULE?
A FORM BUILDER
AND
SUBMISSION MANAGER
This is a form
THIS IS A FORM SUBMISSION
YAML Form 8.x-1.x to Webform 8.x-5.x

- 2015 – Webform was not ported to 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
name:
  '#title': 'Your Name'
  '#type': textfield
email:
  '#title': 'Your Email'
  '#type': email
subject:
  '#title': 'Subject'
  '#type': textfield
message:
  '#title': 'Message'
  '#type': textarea
WHAT IS A WEBFORM
THIS IS THE WEBFORM MODULE
Contact

Elements   Source (YAML)   Settings   CSS / JS   Access   Emails / Handlers   Third party

Company has been created.

The Webform elements page allows users to add, update, duplicate, and delete webform elements and wizard pages.

<table>
<thead>
<tr>
<th>TITLE</th>
<th>KEY</th>
<th>TYPE</th>
<th>REQUIRED</th>
<th>OPERATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Your Name</td>
<td>name</td>
<td>Text field</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Your Email</td>
<td>email</td>
<td>Email</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>subject</td>
<td>Text field</td>
<td></td>
<td>Edit</td>
</tr>
<tr>
<td>WHAT'S NEW?</td>
<td>WHAT'S MISSING?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------------------</td>
<td>----------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>× Object Oriented API</td>
<td>× Views Integration</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>× Editing the Source</td>
<td>× Advanced Conditionals</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>× Elements &amp; Settings</td>
<td>× Statistics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>× Composites &amp; Multi-value</td>
<td>× Tracking</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>× Examples &amp; Templates</td>
<td>× Integrations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>× Flagging Submissions</td>
<td>× Migration</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>× Extendable Plugins</td>
<td>× Drag-n-Drop UI</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>× Documentation</td>
<td>× Contributors</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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.
501,612 sites currently report using the Webform module

3,550,117 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.
× Everyone 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...

BUILD  COLLECT  DOWNLOAD
THE OTHER USE CASE...

BUILD

COLLECT

DISTRIBUTE
4. WHAT ARE THE ALTERNATIVES TO THE WEBFORM MODULE?
PROPRIETARY FORM BUILDERS

SurveyMonkey

Google Forms

JotForm

Formstack

Cognito Forms

Wufoo

Making forms easy + fast + fun.
OPEN SOURCE FORM BUILDERS

Gravity

Ninja Forms

Orbeon

<form.io>

LimeSurvey
DRUPAL FORM BUILDERS

× Contact Form (part of Core)
× EForm ( Deprecated)
× more...
5. WHERE DO YOU START?
THE WEBFORM MODULE IS A COMPLETE SOLUTION FOR BUILDING FORMS
INSTALLATION

× Download the Webform module
× Enable Webform core and sub modules
× Install external libraries
× Add additional functionality using add-ons
GETTING HELP

- Documentation & Cookbook
- Screencasts
- Drupal Answers
- Webform Issue Queue
6. WHAT CAN YOU DO WITH THE MODULE?
The Webform module allows you to build any type of form.
LEARN FROM THE EXAMPLES (AND TESTS)

- Elements
- Composites
- Layouts
- Wizard
- Conditional Logic
- more....
START BY USING TEMPLATES

× Target common use cases
× Easy to customize
× Easy to copy
× Easy to delete
7. HOW DO YOU PUBLISH A WEBFORM
WEBFORMS CAN BE FULLY INTEGRATED INTO YOUR WEBSITE.
# Placing Forms on Your Website

<table>
<thead>
<tr>
<th>Node</th>
<th>Block</th>
<th>Custom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webforms can be attached to a node with the node's form submissions collected in a dedicated 'Results' tabs.</td>
<td>Webforms can be placed on your site as a block. The URL and source entity for each submission is automatically tracked.</td>
<td>Webforms can be added to a render array, which can be easily altered using custom hooks and/or plugins.</td>
</tr>
</tbody>
</table>
8. 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...
The below webform has been prepopulated with custom/random test data. When submitted, this information will still be saved and/or sent to designated recipients.

Testing *Contact* webform

The Webform test page allows a webform to be tested using a customisable test dataset. Multiple test submissions can be created using the test module.
FRONT-END
ANY BACKEND
9.

WHAT CAN YOU CUSTOMIZE?
The webform module ships with reasonable defaults but everything is customizable.
The Forms page lists all available webforms, which can be filtered by title, description, and/or elements. **Watch video**

**FILTER WEBFORMS**

- Filter by title, description, or elements
- All (A)

8 webforms

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<tr>
<th>TITLE</th>
<th>DESCRIPTION</th>
<th>STATUS</th>
<th>AUTHOR</th>
<th>TOTAL RESULTS</th>
<th>OPERATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact</td>
<td>Basic email contact webform.</td>
<td>Open</td>
<td></td>
<td>0</td>
<td>Submissions</td>
</tr>
<tr>
<td>Example</td>
<td>Examples of every supported webform element.</td>
<td>Closed</td>
<td></td>
<td>0</td>
<td>Submissions</td>
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10. 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**.
11. WHAT IS A TEST?
A TEST CONFIRMS AN EXPECTATION!!!
I go to a webform and the page loads, without any errors.
Tests SHOULD...

- Confirm expectations
- Prevent regressions
- Be repeatable
- Be maintainable
- Be easy to execute
- Provide documentation
The Forms page lists all available webforms, which can be filtered by title, description, and/or elements.

**FILTER WEBFORMS**

- Location

83 webforms

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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.

and ...
FIELD API
INTEGRATION
13. CONCLUSIONS
The webform module allows you to quickly build forms that are flexible and completely yours.
14. **FINAL PITCH**
The Webform module is open source, it is free, and you should contribute.
CONTRIBUTE TO THE COMMUNITY
THANKS!

Any questions?
You can find me at @jrockowitz on D.O and Twitter