Delighting content editors with UX in Drupal 8

Chandeep Khosa

AUSY
a Randstad company

LEVEL 27

Who Am I?

- Freelance Drupal Developer, Consultant & Trainer
- Drupal 8 contributor (core & contrib)
- Co-Organiser of London meet up Drupal Show & Tell
- Enjoys delivering Drupal training
- Loves travelling to different Drupal meetup & camps

Chandeep Khosa

Freelance Drupal Developer, United Kingdom

My clients

YOUNG WORLD
one

unicef
United Nations Children's Fund

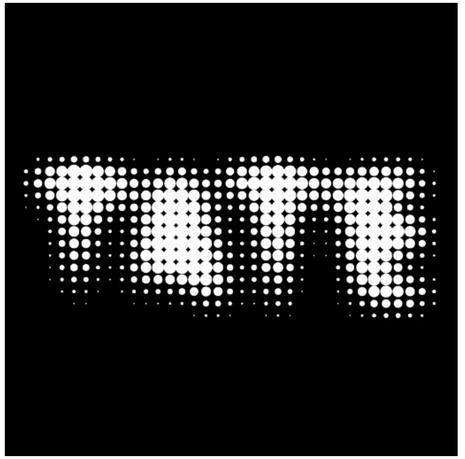
The
Health
Foundation

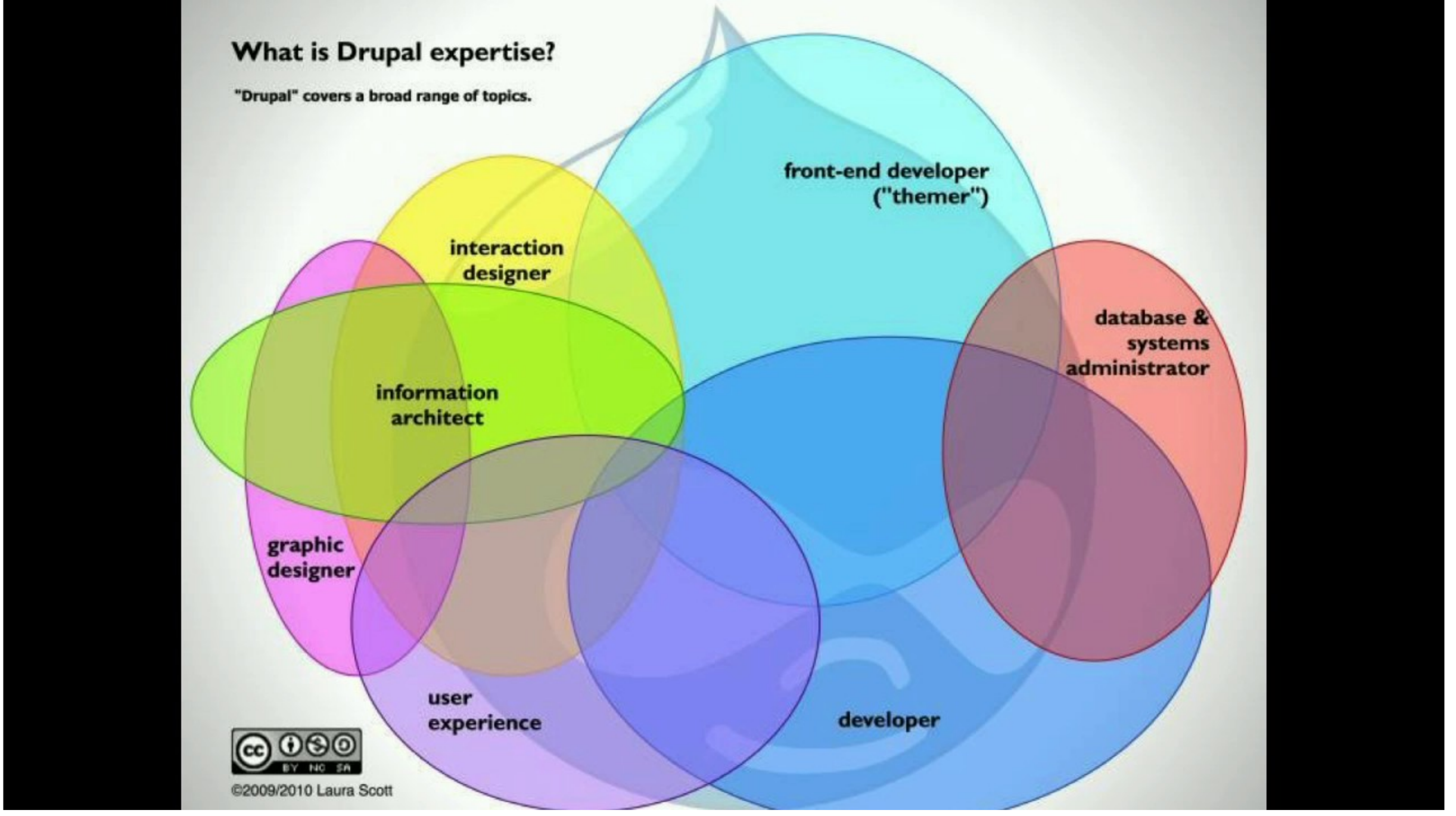
christian
aid

UNIVERSITY OF
WESTMINSTER

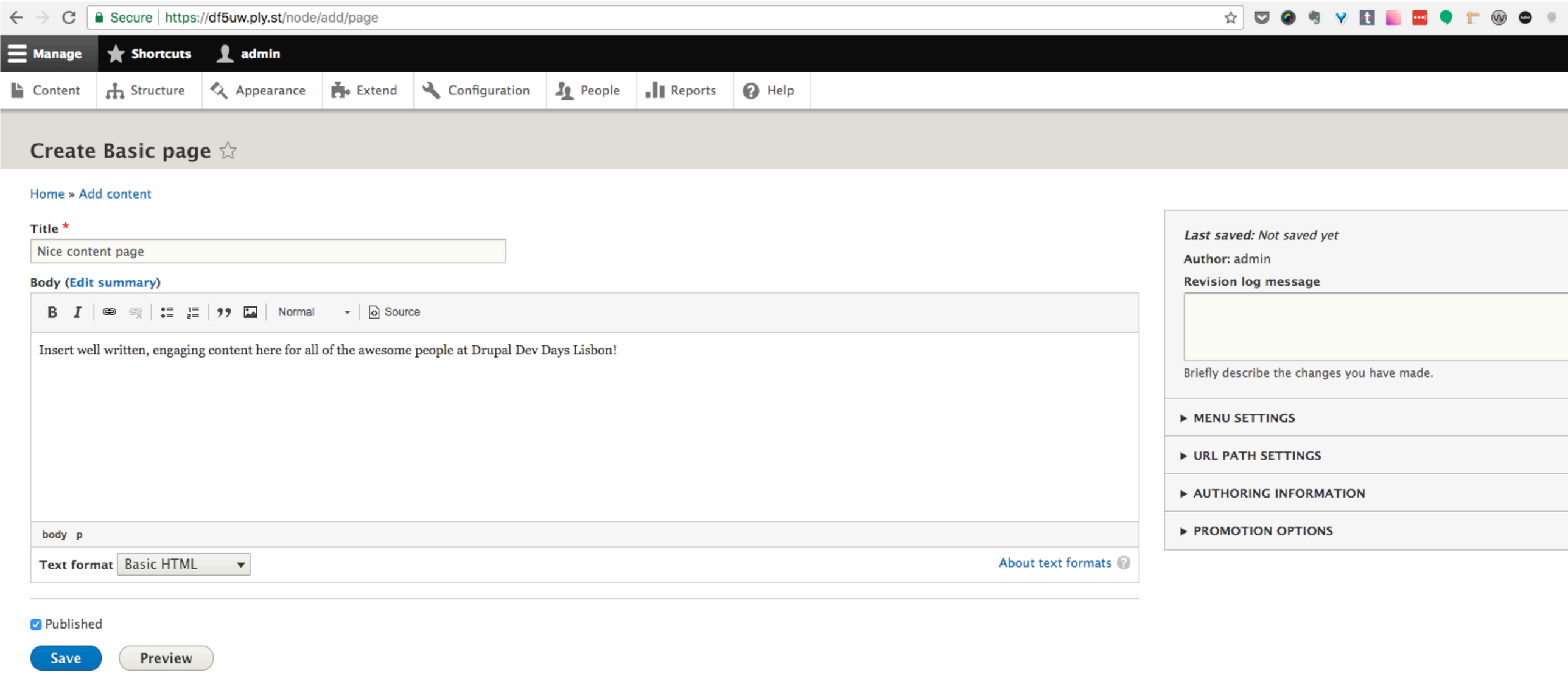
UNIVERSITY OF
OXFORD

TOYOTA




What is Drupal expertise?
"Drupal" covers a broad range of topics.
front-end developer ("themer")
interaction designer
database & systems administrator
information architect
graphic designer
user experience
developer
©2009/2010 Laura Scott

Seven theme


Secure | https://df5uw.ply.st/node/add/page
Manage
Shortcuts
admin
Content
Structure
Appearance
Extend
Configuration
People
Reports
Help
Create Basic page
Home » Add content
Title *
Nice content page
Body (Edit summary)
Normal
Source
Insert well written, engaging content here for all of the awesome people at Drupal Dev Days Lisbon!
body p
Text format
Basic HTML
About text formats
Published
Save
Preview
Last saved: Not saved yet
Author: admin
Revision log message
Briefly describe the changes you have made.
MENU SETTINGS
URL PATH SETTINGS
AUTHORING INFORMATION
PROMOTION OPTIONS

Drupal 8 Admin Contrib Themes

- Not many options
- Often need more project specific customisation
- Don’t provide a great user experience on their own

Manage | Shortcuts | Subscription active (expires 2019/3/1) | Go to | Devel

Content | Commerce | Structure | Appearance | Extend | Configuration | People | Reports | Help

Edit Subject English

View | Edit | Delete | Revisions | Devel | Salesforce

Home » Node » English

Title *

English

Subject

English

Secondary subject

- None -

Secondary subject for subjects such as Languages, Project managment etc.

Subject listing courses

Subject course titles (subject_course_titles)

This view will list course titles on subject index pages (e.g. Languages). Set the term ID of the subject in the Options -> Argument field below.

Display Id

Master

▶ OPTIONS

MASTHEAD IMAGE

Add new media | Add existing media

MASTHEAD ICON

Add new media | Add existing media

Show row weights

Masthead content

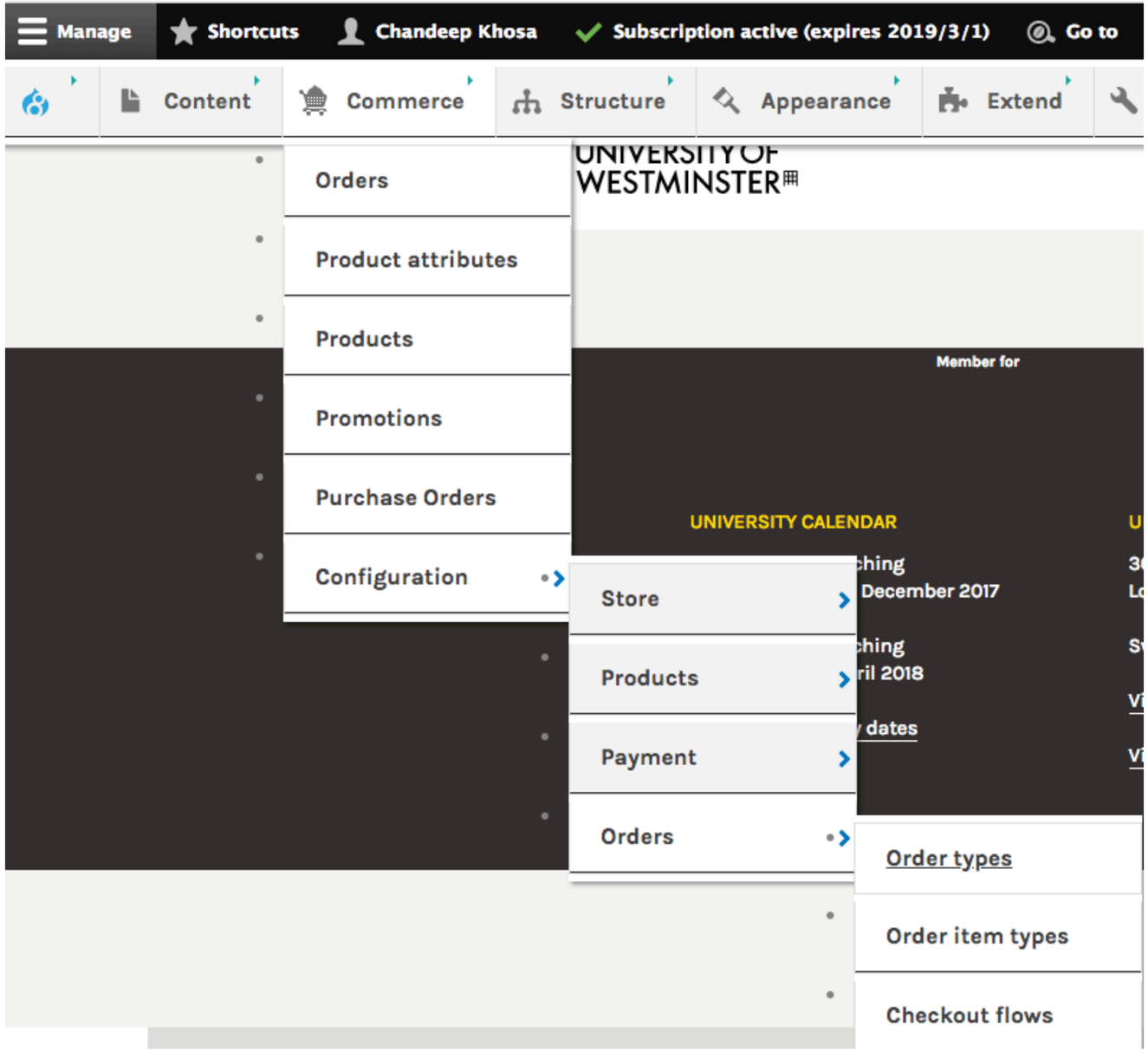
HTML content — Remove

HTML content

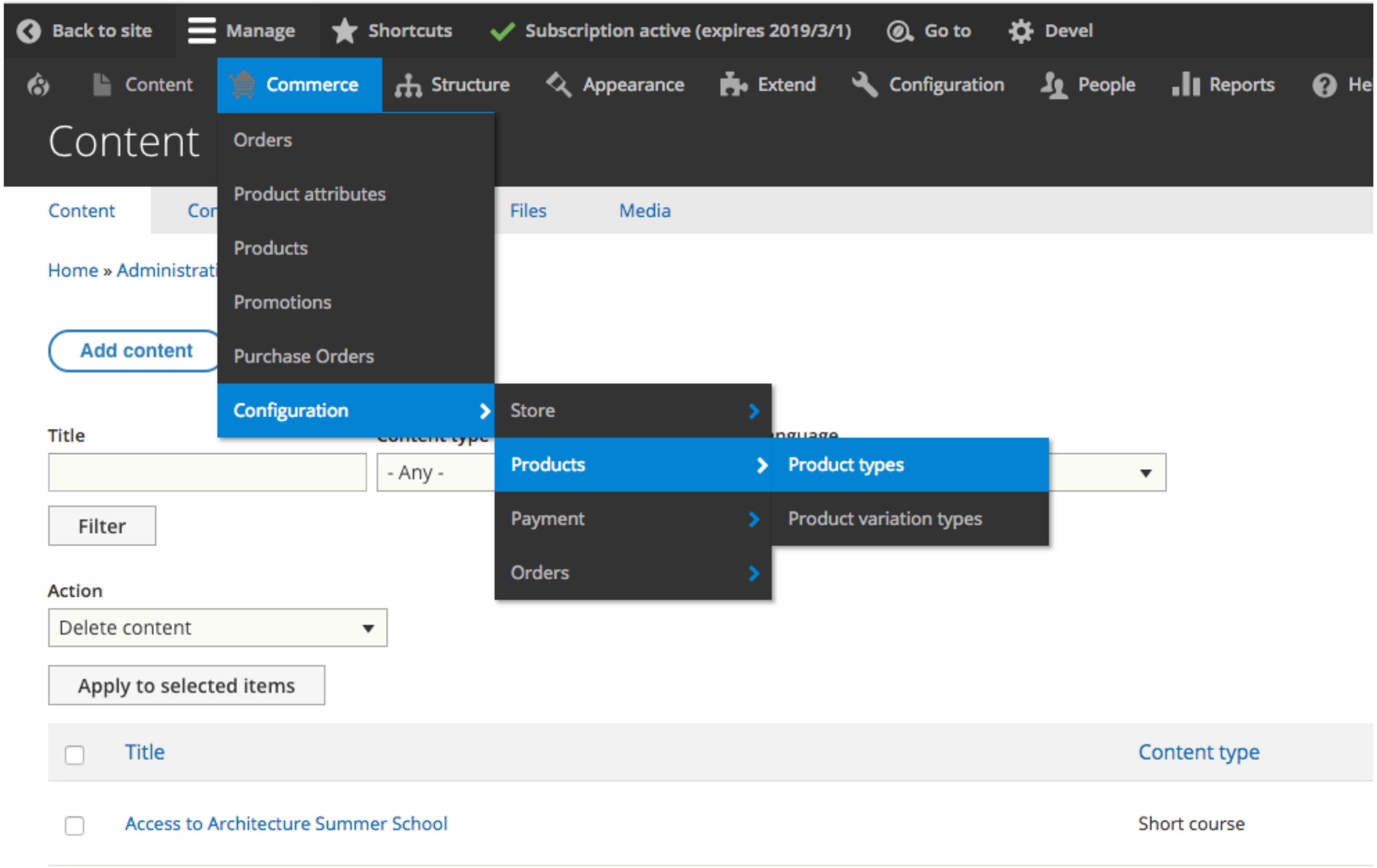
B I | Format | Styles | Source

Boost your English language skills to sit the IELTS exam and begin communicating fluently in your professional environment with our courses.

Admin Toolbar



Adminimal Admin Toolbar



Manage Shortcuts admin

Content Commerce Structure Appearance Extend Configuration People Reports Help

Image

SELECT IMAGE(S)

Subtitle

Body (Edit summary)

About text formats

Text format

Rich Text

2017

Mon, Nov 20

November 2017

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

CLEAR TODAY OK

Author: admin

vision log message

re info

MATERIAL ADMIN

enu settings

omment settings

URL path settings

Authoring information

Authored by

admin (1)

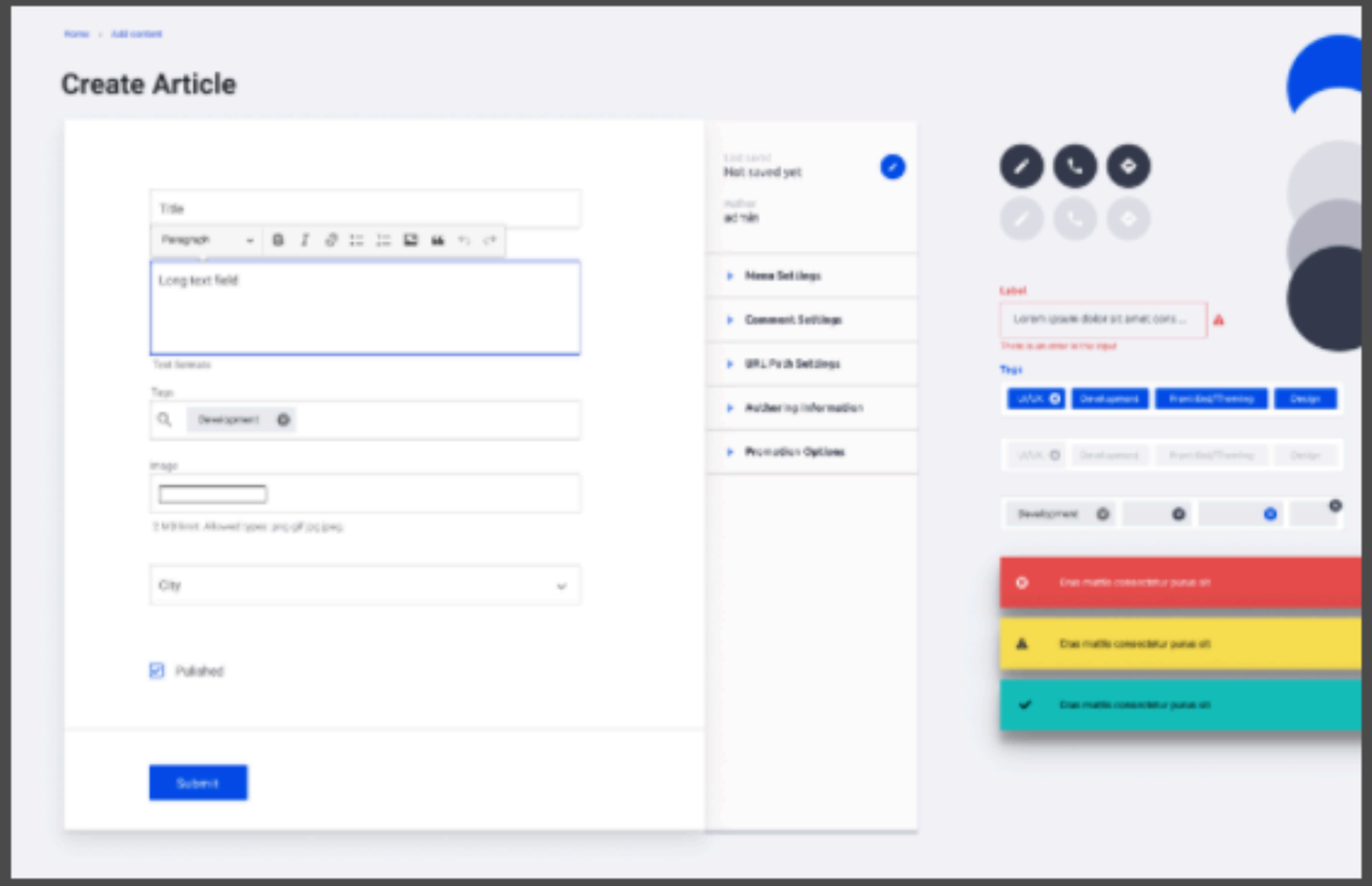
More info

Authored on

2017-11-20 02:12:01 PM

Format

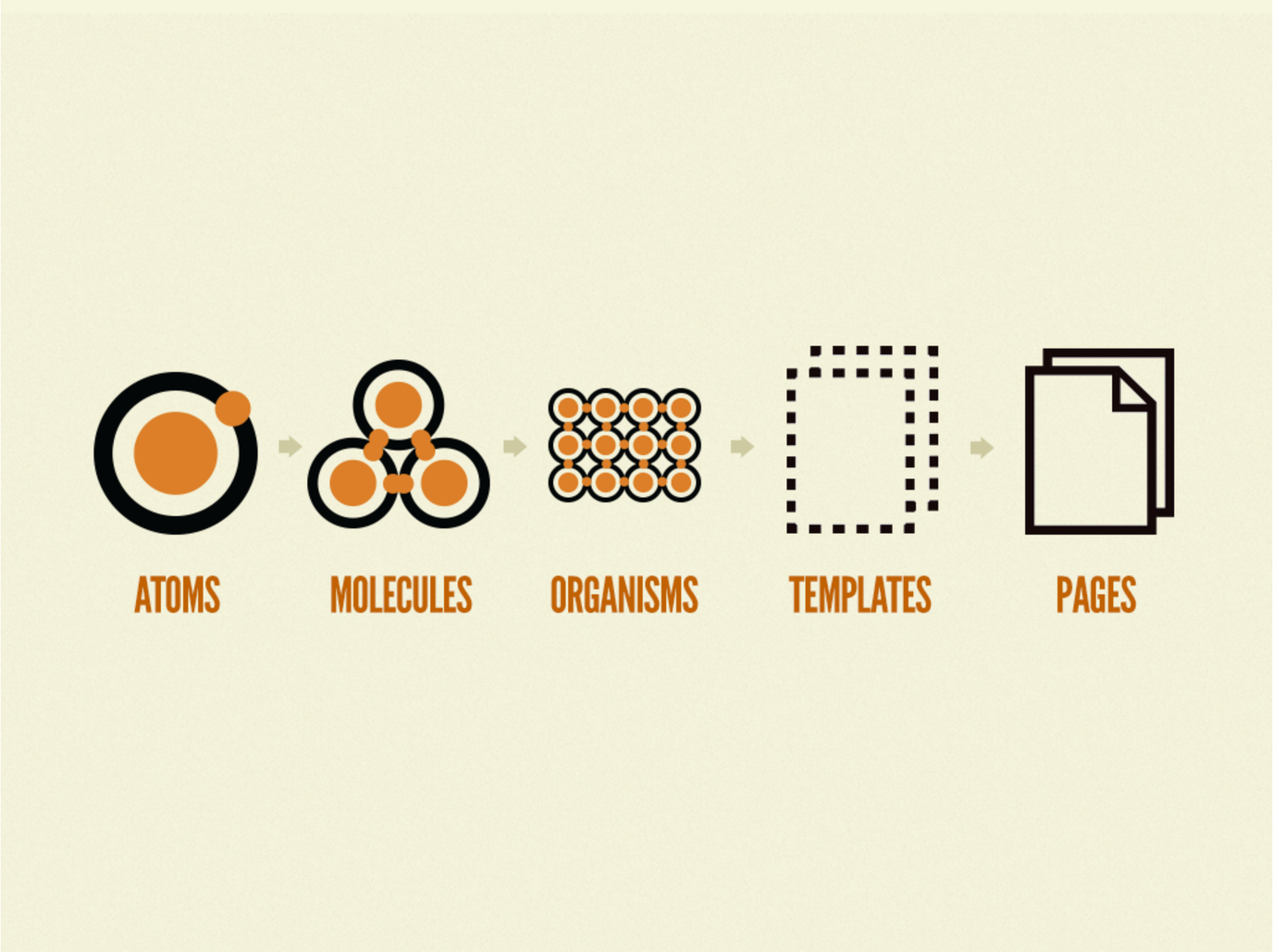
Admin UI & JavaScript Modernisation

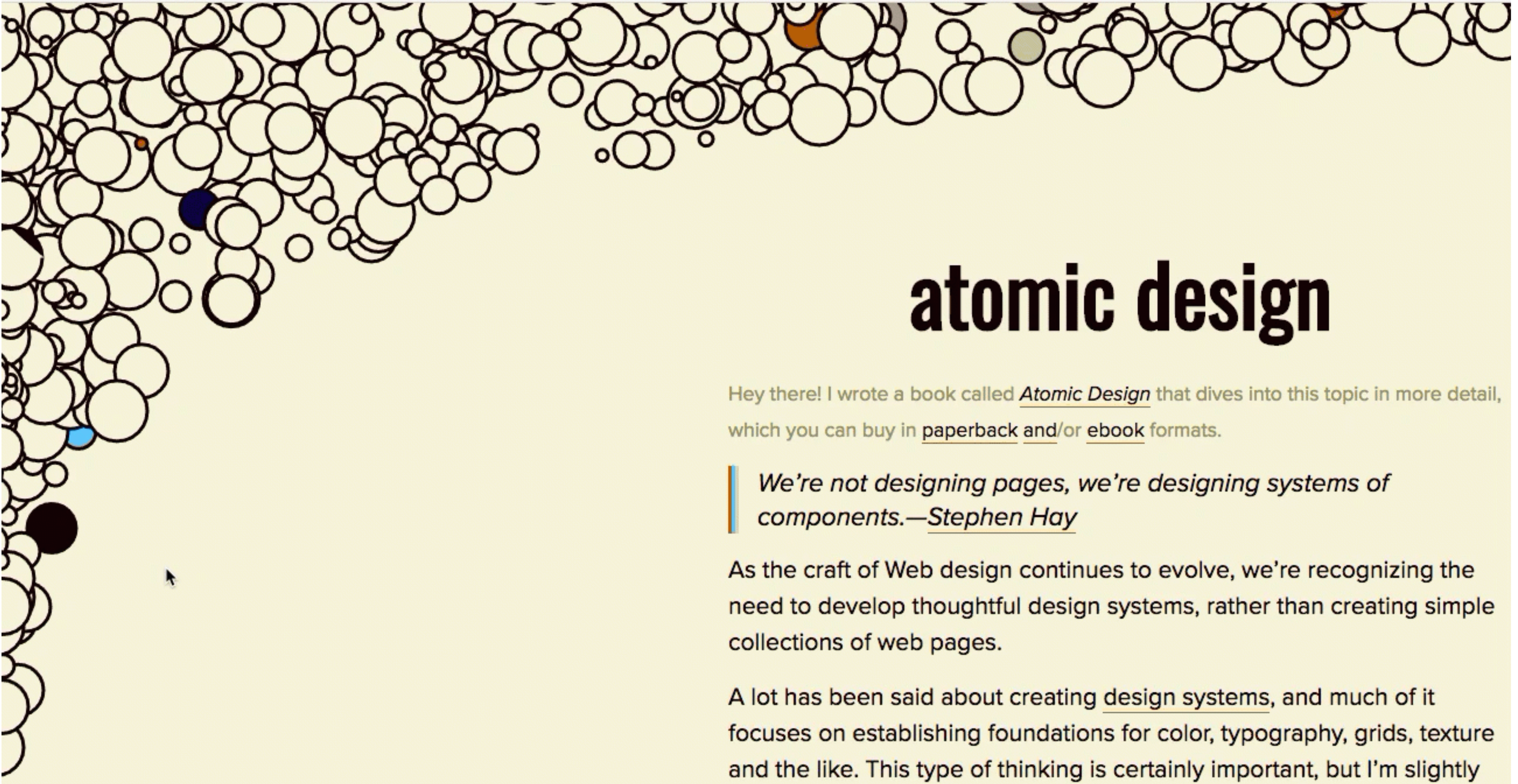


The goal of the Admin UI & JavaScript Modernisation initiative is to provide a re-imagined content authoring experience and site administration experience in Drupal, built on top of modern JavaScript foundations.

THE
UX DESIGN
PROCESS
404
API

Atomic Design





atomic design

Hey there! I wrote a book called *Atomic Design* that dives into this topic in more detail, which you can buy in paperback and/or ebook formats.

> *We're not designing pages, we're designing systems of components.—Stephen Hay*

As the craft of Web design continues to evolve, we're recognizing the need to develop thoughtful design systems, rather than creating simple collections of web pages.

A lot has been said about creating design systems, and much of it focuses on establishing foundations for color, typography, grids, texture and the like. This type of thinking is certainly important, but I'm slightly less interested in these aspects of design because ultimately they are

Add content

Jump to a category

SERVICES & INFO | ORG & CONTACT INFO | NEWS & EVENTS | LAWS & REGS | OTHER | DECISION TREE

Filter by keyword

SERVICES & INFO

Top

Binder

Ties related content together. Includes a table of contents and other navigational tools that encourage users to read content in an order you set.

Learn about creating Binders.

The Binder type is good for:

- Long form reports
- Chapter books
- Collections of similarly-themed content

ADD BINDER

Curated List

Create a page of lists, which can include Documents, Form pages, and law library content. Lists can be automatically generated using labels, or you can manually compile and order content.

ADD CURATED LIST

List - Automatic *

Remove

Description Text, contains helper text and/or tech specs, Small Body Copy styling.

List Title *

The title of your list. if you have only one list, this title will not appear. If you have more than one list, it will appear as the subheader for your list on the page and as a clickable link in the contents section at the top of the page.

Sort Order *

Alphabetical

Description

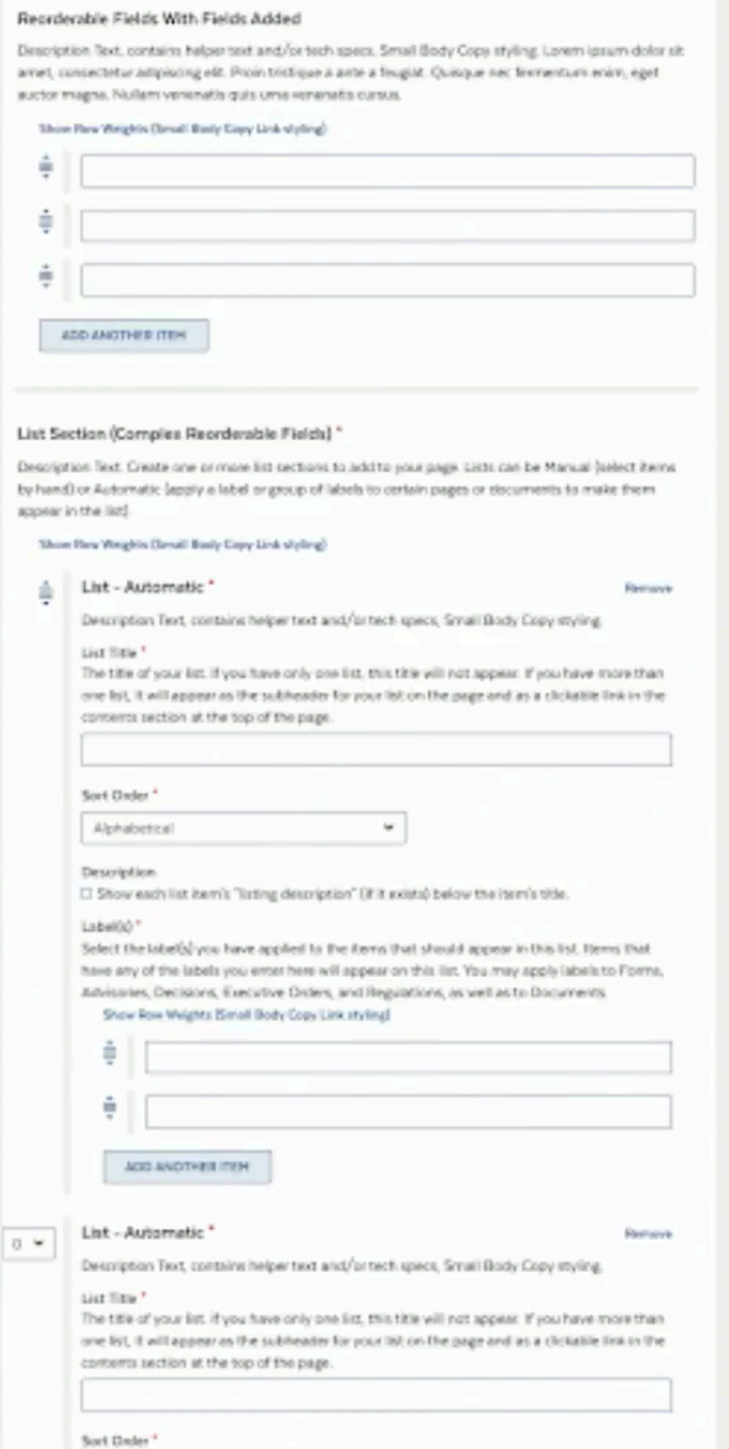
Show each list item's "listing description" (if it exists) below the item's title.

Label(s) *

Select the label(s) you have applied to the items that should appear in this list. Items that have any of the labels you enter here will appear on this list. You may apply labels to Forms, Advisories, Decisions, Executive Orders, and Regulations, as well as to Documents.

Show Row Weights (Small Body Copy Link styling)

ADD ANOTHER ITEM



List - Manual

Remove

List title *

The title of your list. if you have only one list, this title will not appear. If you have more than one list, it will appear as the subheader for your list on the page and as a clickable link in the contents section at the top of the page.

Show row weights

List items

Add the items you want to appear on your list. You may drag and drop them to change their order.

List item link(s)

COLLAPSE

Show row weights

List item

A link to a Mass.gov Form or Law Library page type (e.g. Advisory, Decision, Executive Order or Regulation), or to an external page.

URL

Start typing to choose an existing page on Mass.gov, or enter a complete URL to another site.

Link text

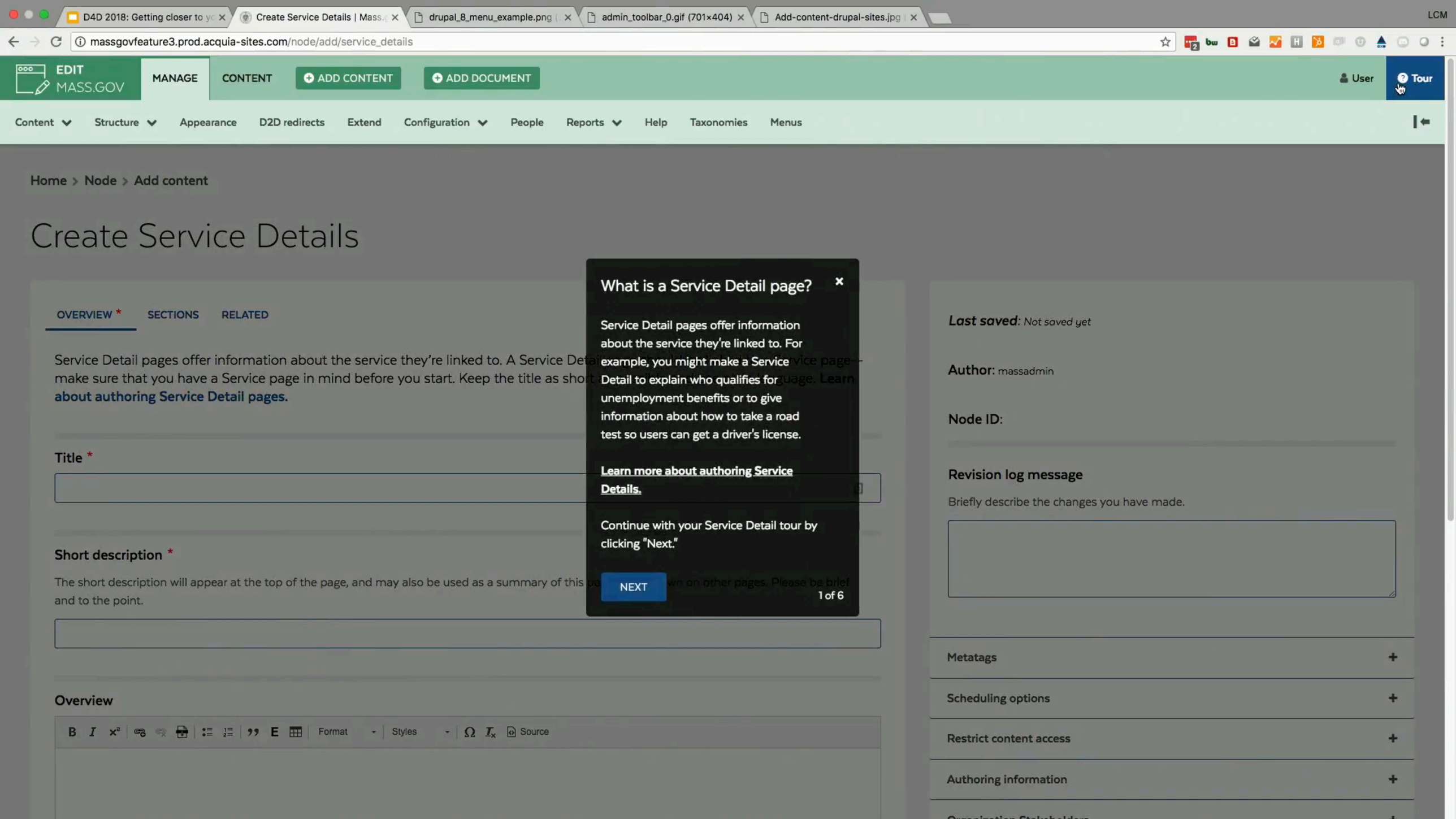
For links to Mass.gov pages, leave the link text empty to automatically use the page title. External links require link text.

Description type

Revision log message

Briefly describe the changes you have made.

- Metatags +
- Scheduling options +
- Restrict content access +
- Authoring information +
- Organization Stakeholders +
- XML sitemap +


D4D 2018: Getting closer to yo
Create Service Details | Mass.
drupal_8_menu_example.png
admin_toolbar_0.gif (701×404)
Add-content-drupal-sites.jpg
LCM
massgovfeature3.prod.acquia-sites.com/node/add/service_details
EDIT MASS.GOV
MANAGE
CONTENT
ADD CONTENT
ADD DOCUMENT
User
Tour
Content
Structure
Appearance
D2D redirects
Extend
Configuration
People
Reports
Help
Taxonomies
Menus
Home > Node > Add content
Create Service Details
OVERVIEW *
SECTIONS
RELATED
Service Detail pages offer information about the service they're linked to. A Service Detai
make sure that you have a Service page in mind before you start. Keep the title as short
about authoring Service Detail pages.
Title *
Short description *
The short description will appear at the top of the page, and may also be used as a summary of this pa
and to the point.
Overview
Format
Styles
Source
What is a Service Detail page?
Service Detail pages offer information about the service they're linked to. For example, you might make a Service Detail to explain who qualifies for unemployment benefits or to give information about how to take a road test so users can get a driver's license.
Learn more about authoring Service Details.
Continue with your Service Detail tour by clicking "Next."
NEXT
1 of 6
Last saved: Not saved yet
Author: massadmin
Node ID:
Revision log message
Briefly describe the changes you have made.
Metatags
Scheduling options
Restrict content access
Authoring information

D4D 2018: Getting closer to yo | Create Service Details | Mass.g | drupal_8_menu_example.png | admin_toolbar_0.gif (701×404) | Add-content-drupal-sites.jpg

massgovfeature3.prod.acquia-sites.com/node/add/service_details?tour

EDIT MASS.GOV | MANAGE | CONTENT | ADD CONTENT | ADD DOCUMENT | User | Tour

Content | Structure | Appearance | D2D redirects | Extend | Configuration | People | Reports | Help | Taxonomies | Menus

Service Detail pages offer information about the service they're linked to. A Service Detail page should be linked to a Service page--make sure that you have a Service page in mind before you start. Keep the title as short as possible and use plain language. **Learn about authoring Service Detail pages.**

Title *

Short description *

The short description will appear at the top of the page, and may also be used as a summary of this page when shown on other pages. Please be brief and to the point.

Overview

Format | Styles | Source

Text format Basic HTML

About text formats

Author: massadmin

Node ID:

Revision log message

Briefly describe the changes you have made.

Metatags +

Scheduling options +

Restrict content access +

Authoring information +

Organization Stakeholders +

XML sitemap +

Title and short description

Your title and short description are especially important for search engines like Google. Try to use the same language your audience would when they search for your content with Google or Yahoo!.

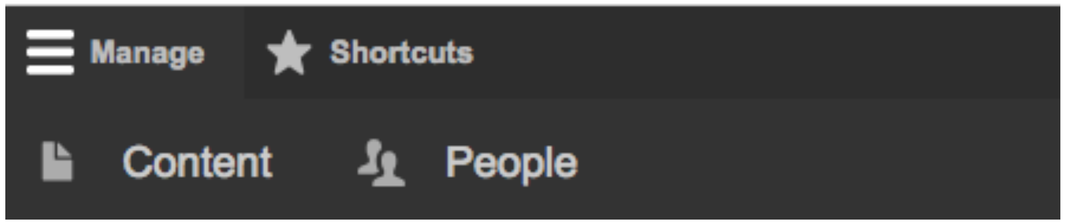
NEXT 2 of 6

Improvements with a big impact

- Listen to and ask users on what their field label and content types should be named
- Include description text on content types
- Add help text

Hide what you don’t need

- Hide fields that users don’t need to see with field_permissions or conditional_fields modules
- Hide menu items that aren’t needed for each user role



Field Permissions

NATIONALITY FIELD SETTINGS

These settings apply to the ***Nationality*** field everywhere it is used.

Field visibility and permissions

- ○ Everyone can view
- ○ Administrators can view
- ◉ Custom permissions

PERMISSION	ANONYMOUS USER	AUTHENTICATED USER	ADMINISTRATOR
Enter own value for field ***Nationality***	☑	☑	☑
Edit own value for field ***Nationality***	☑	☑	☑
Edit any value for field ***Nationality***	☐	☐	☑
View own value for field ***Nationality***	☑	☑	☑
View any value for field ***Nationality***	☑	☑	☑

Number of values

1

Maximum number of values users can enter for this field.
'Unlimited' will provide an 'Add more' button so the users can add as many values as they like.

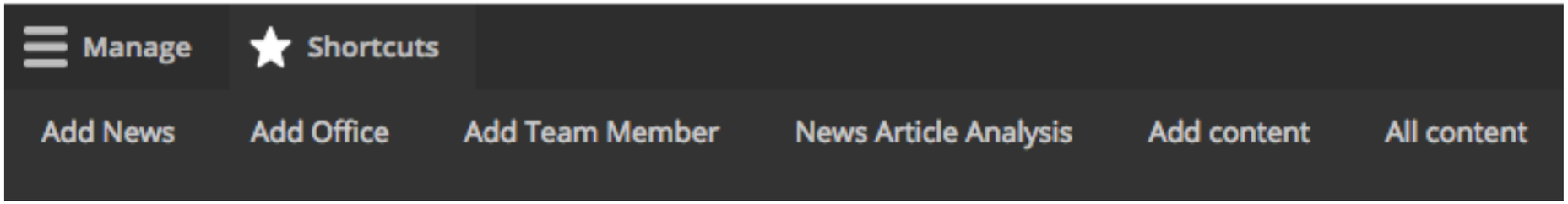
Maximum length *

255

The maximum length of the field in characters.

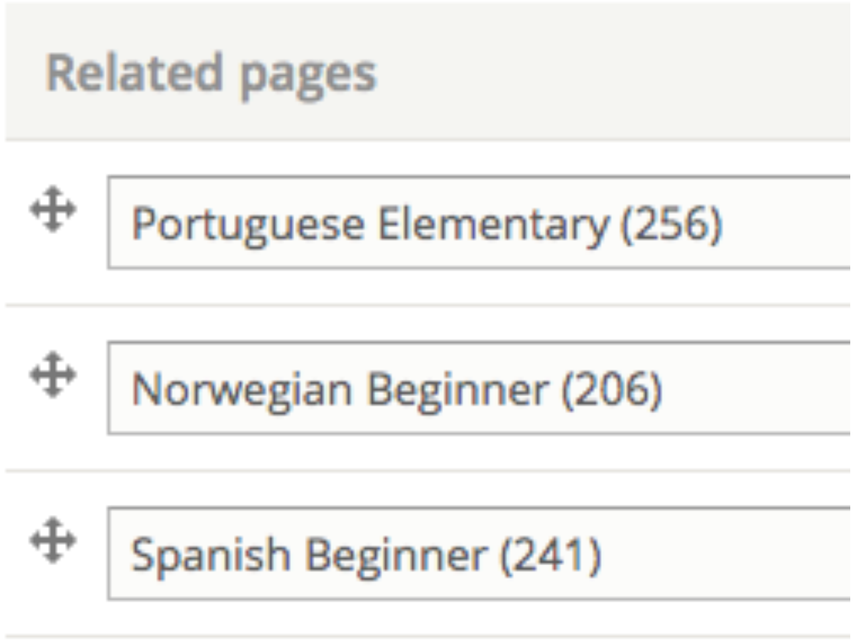
Create Shortcut links

- Quick links for any common tasks they need to perform

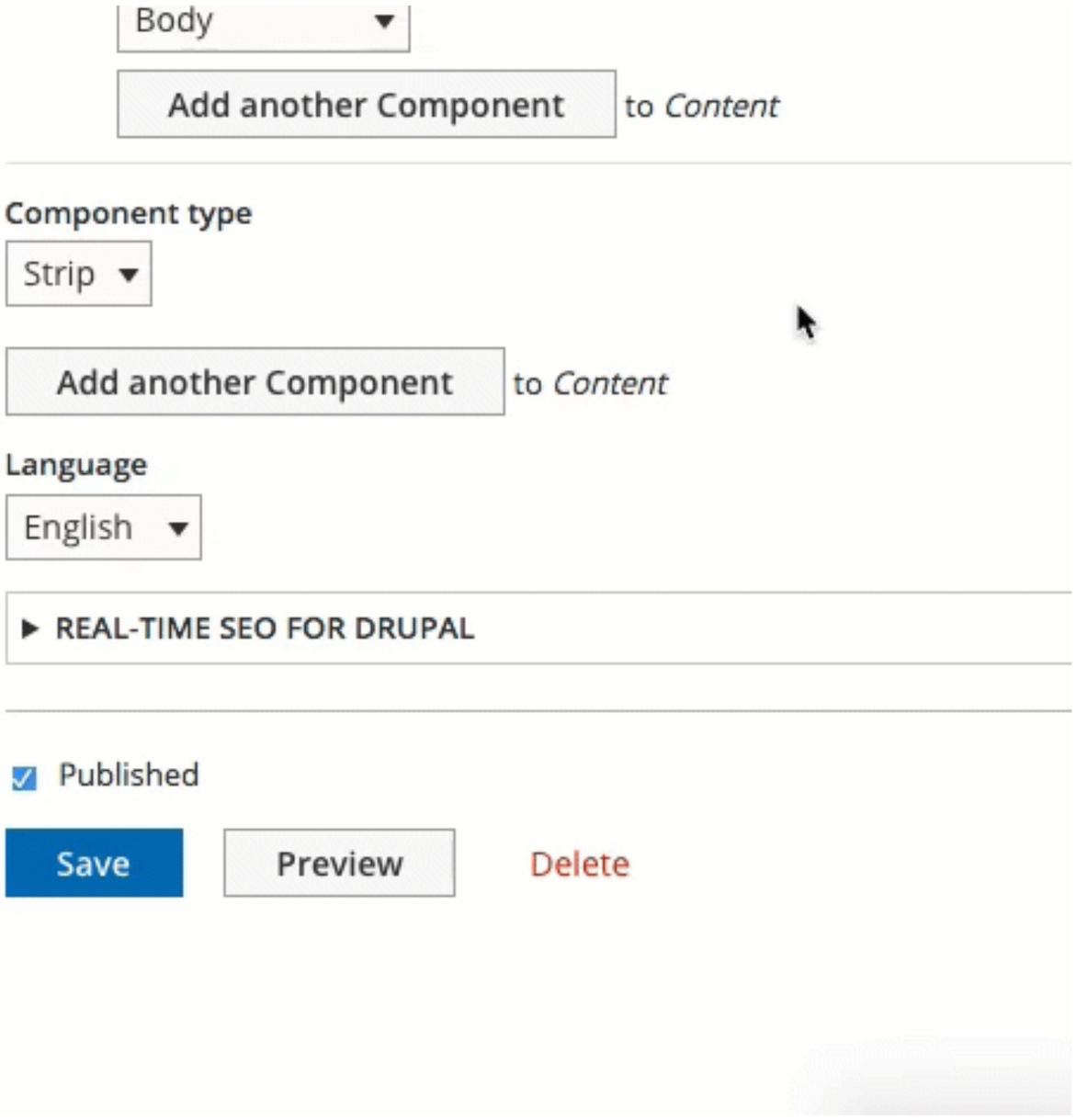


Entity & Term References

- We should try to find a way to hide the IDs in brackets



Conditional Fields



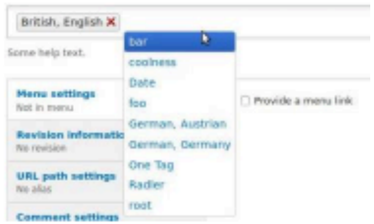
Autocomplete Deluxe

Autocomplete Deluxe

View | Version control | Automated testing

Posted by sepgil on *31 October 2010*, updated *26 July 2017*

This is an enhanced autocomplete element, that uses the JQuery UI autocomplete. It will also implement a widget for taxonomy.



Features

- Combo/Select box like selecting.
- Select without entering something.
- Widget for taxaonomy
- Chosen like multiple selecting.

If you want to deny adding new terms, then checkout Chosen. It converts select boxes to autocomplete fields.

Branch 7.x-1.x isn't supported anymore.

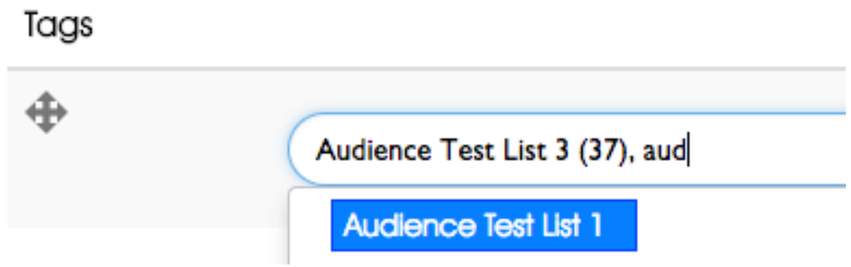
Initial development by *epiqo*.
Active support and ongoing development by *Mediacurrent*.

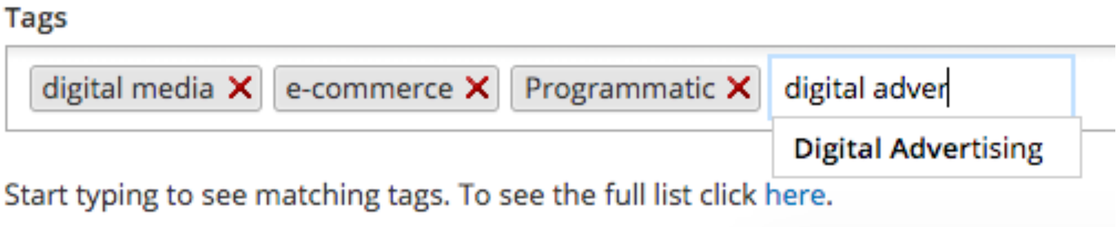
Supporting organizations:
Mediacurrent

Project information

Maintenance fixes only
Considered feature-complete by its maintainers.

16,067 sites report using this module
204,503 downloads





Autocomplete Deluxe

Tags

digital media ✕ e-commerce ✕ Programmatic ✕

Start typing to see matching tags. To see the full list click here.

Help text

Secondary subject settings for *Subject*

Edit | Field settings | Translate content fields

Home » Administration » Structure » Content types » Subject » Manage fields

Label *

Secondary subject

Help text

Secondary subject for subjects such as Languages, Project management etc.

Instructions to present to the user below this field on the editing form.
Allowed HTML tags: <a> <b> <big> <code> <del> <i> <ins> <pre> <q> <small>   <sub> <sup> <tt>   <p>
 <img>
This field supports tokens.

Browse available tokens.

Tags

digital media ✕ e-commerce ✕ Programmatic ✕ digital adver

Digital Advertising

Start typing to see matching tags. To see the full list click here.

Tags

List | Edit | Manage fields

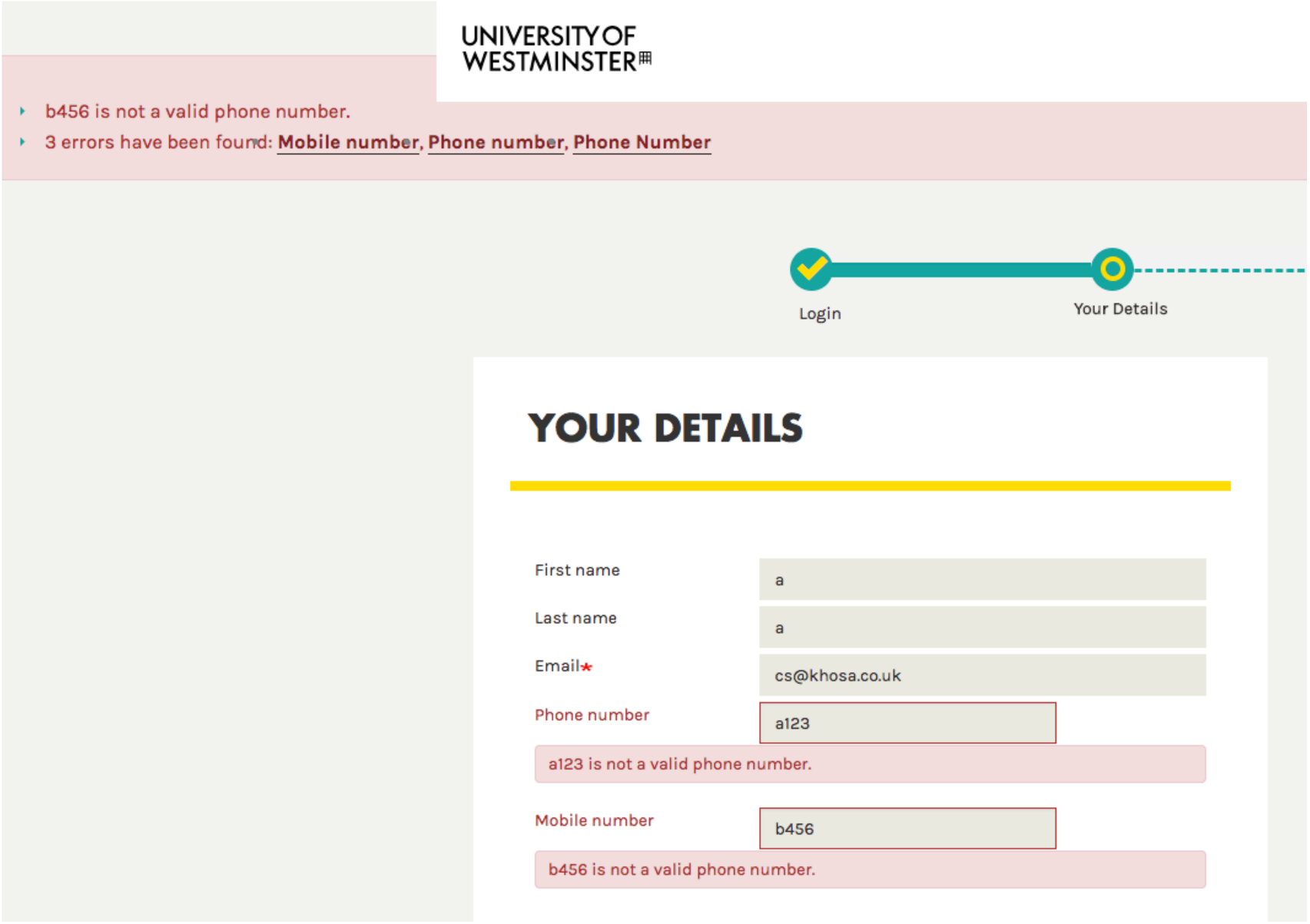
Home » Taxonomy » Edit *Tags*

You can reorganize the terms in *Tags* using the

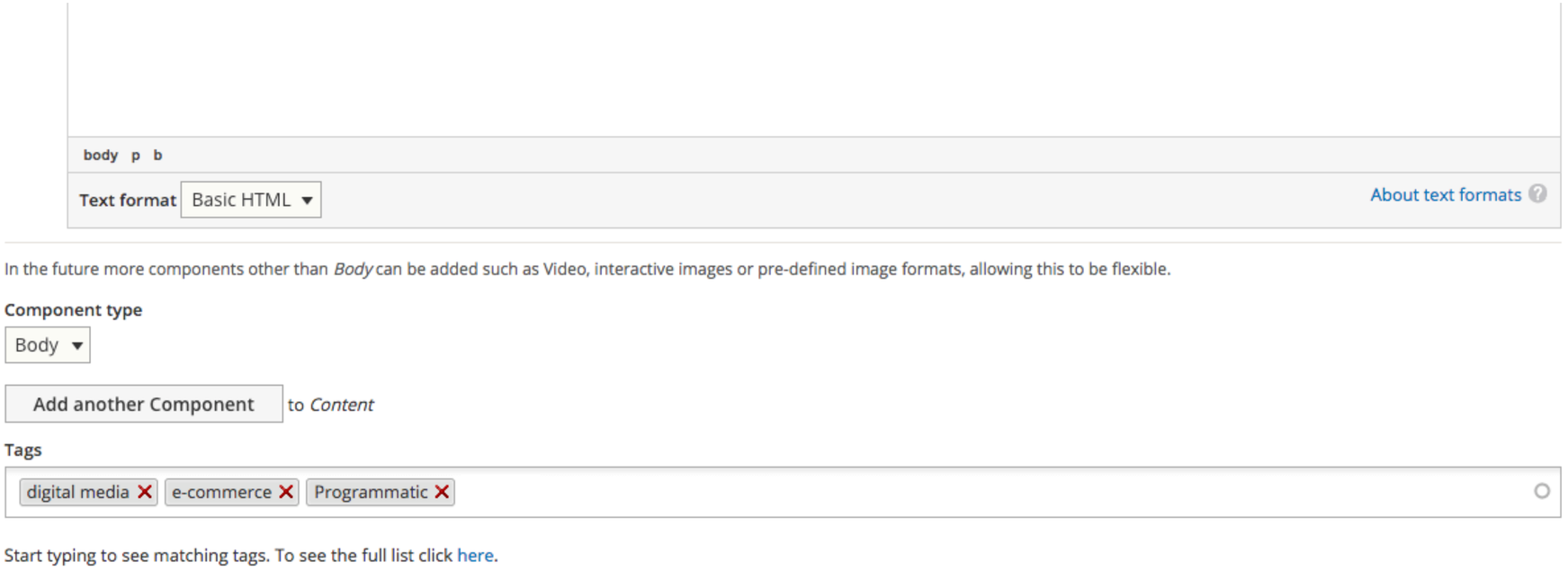
Add term

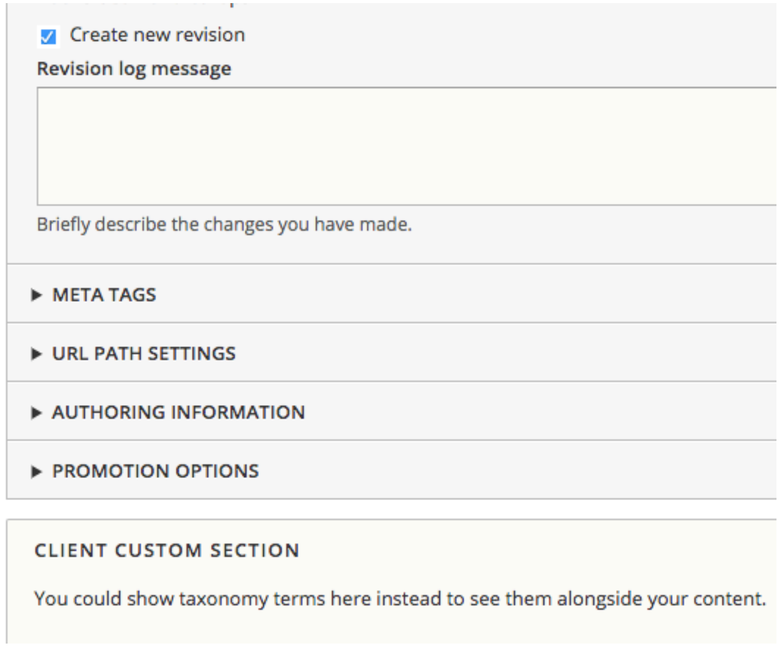
Name
#timesup
4A's
Acquistion
ad blocking
ad fraud
ad reinsertion
Ad Spend
ad tech

Inline Form Errors



Creating `client custom sections`





Classy Paragraphs

Strip

Title

群邑动态

Background Style *

Blue

Content

Query

Component type

Body

Add another Component to *Content*

Strip

Title

联系我们

Background Style *

Grey

Questions?

Let’s connect

hello@chandeepkhosa.com

www.chandeepkhosa.com

Resources

- https://www.drupal.org/project/adminimal_theme
- https://www.drupal.org/project/adminimal_admin_toolbar
- https://www.drupal.org/project/material_admin
- https://www.drupal.org/about/strategic-initiatives/admin-ui-js
- http://bradfrost.com/blog/post/atomic-web-design/

Resources

- Getting closer to your customer: How Mass.gov is using Drupal in the last mile
  - http://design4drupal.org/sessions/uxproject-strategy/getting-closer-your-customer-how-massgov-using-drupal-last-mile
  - https://www.youtube.com/watch?v=vjOGlmztFjE&feature=youtu.be
- https://www.drupal.org/project/field_permissions
- https://www.drupal.org/project/conditional_fields
- https://www.drupal.org/project/autocomplete_deluxe
- https://www.drupal.org/project/classy_paragraphs

FRONTEND UNITED

Utrecht | 2019

WORKSHOPS

16 May 2019

CONFERENCE

17-18 May 2019