



DRUPALCAMP GHENT
23 & 24 NOVEMBER 2018

Delighting content editors with UX in Drupal 8

Chandeep Khosa

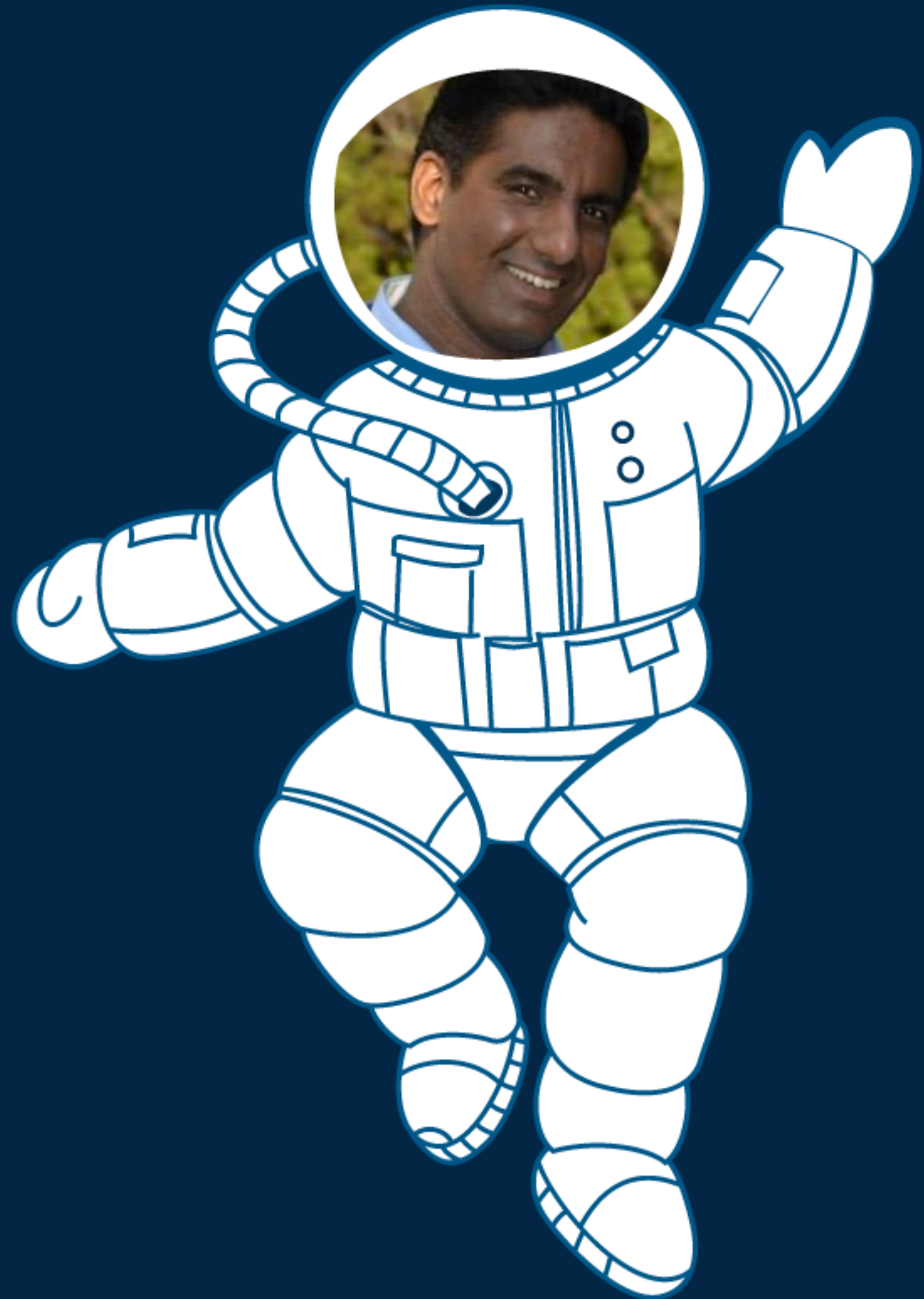




Who Am I?



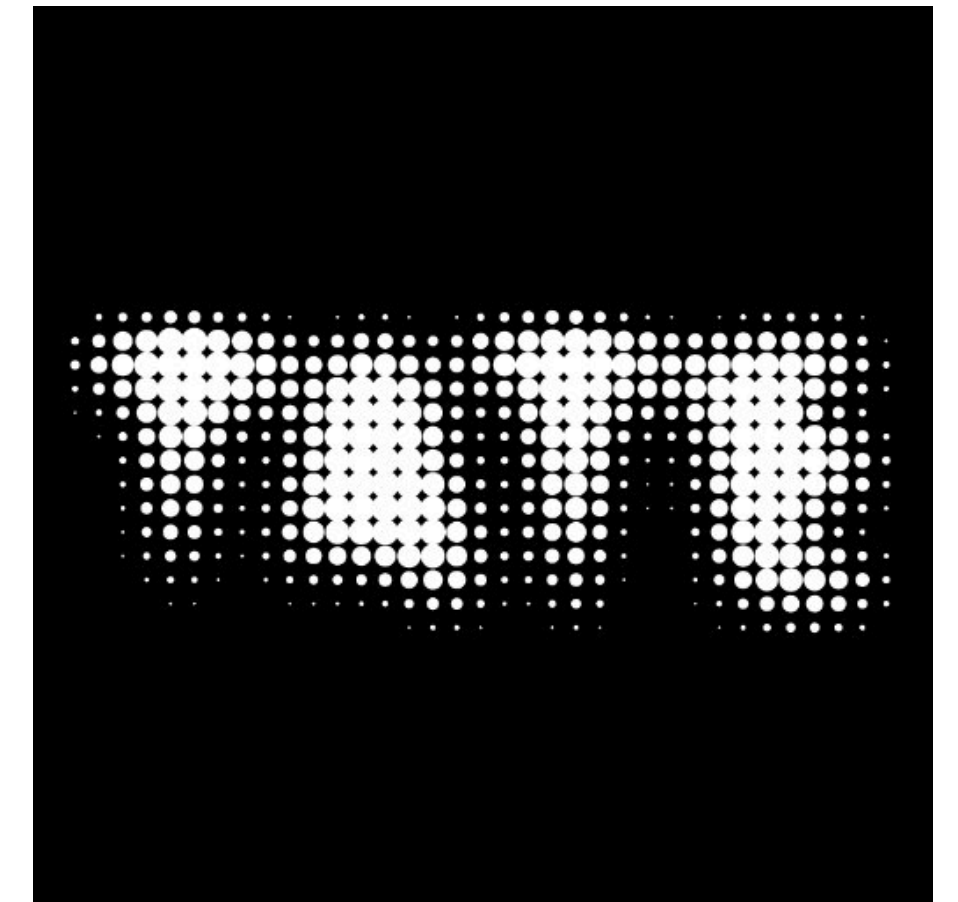
- Freelance Drupal Developer, Consultant & Trainer
- Drupal 8 contributor (core & contrib)
- Co-Organiser of London meet up Drupal Show & Tell
- Enjoys delivering Drupal training
- Loves travelling to different Drupal meetup & camps



Chanddeep Khosa

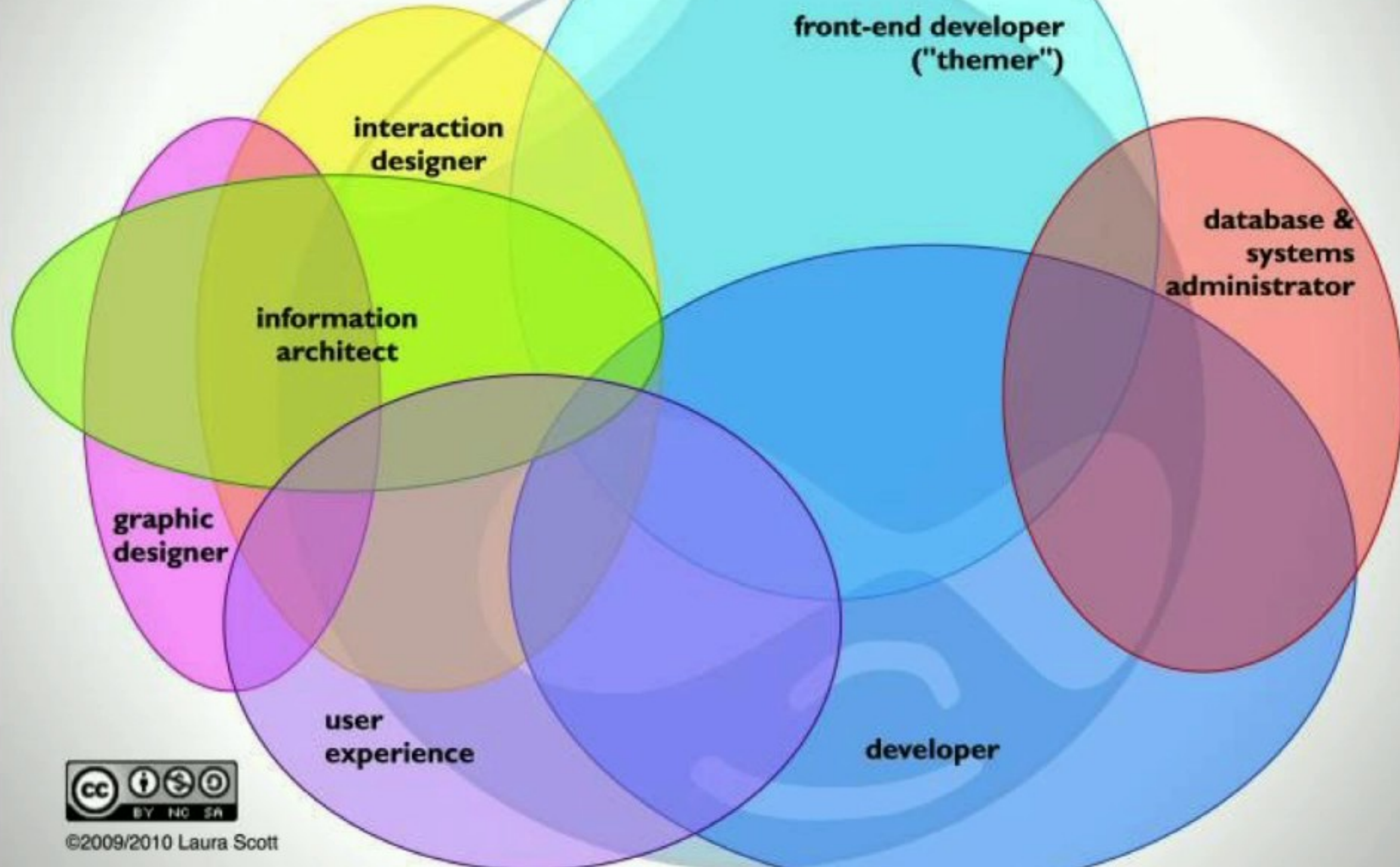
Freelance Drupal Developer, United Kingdom

My clients



What is Drupal expertise?

"Drupal" covers a broad range of topics.



©2009/2010 Laura Scott

Seven theme

Create Basic page ☆

[Home](#) » [Add content](#)

Title *

Body (Edit summary)

B I | | | | Normal | Source

Insert well written, engaging content here for all of the awesome people at Drupal Dev Days Lisbon!

body p

Text format [About text formats ?](#)

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

Published

Drupal 8 Admin Contrib Themes

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

[Home](#) » [Node](#) » [English](#)

Title *

Subject

Secondary subject

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

Subject listing courses

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

► OPTIONS

MASTHEAD IMAGE

MASTHEAD ICON

[Show row weights](#)

Masthead content

✚ HTML content

HTML content

B I | | | **E** | Format | Styles | Source | **E**

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



Admin Toolbar

The image shows a screenshot of the Drupal Admin Toolbar. At the top, there is a dark navigation bar with the following items: a hamburger menu icon, 'Manage', a star icon, 'Shortcuts', a user profile icon, 'Chandeep Khosa', a green checkmark, 'Subscription active (expires 2019/3/1)', a magnifying glass icon, and 'Go to'. Below this is a secondary toolbar with icons for 'Content', 'Commerce', 'Structure', 'Appearance', 'Extend', and a wrench icon. The main content area is partially visible, showing a list of items under the 'Commerce' section. The 'Configuration' item is expanded, showing a sub-menu with the following items: 'Store', 'Products', 'Payment', and 'Orders'. The 'Orders' item is further expanded, showing a sub-menu with 'Order types', 'Order item types', and 'Checkout flows'. The background content includes a header for 'UNIVERSITY OF WESTMINSTER' and a section for 'UNIVERSITY CALENDAR' with a table of dates.

Manage Shortcuts Chandeeep Khosa Subscription active (expires 2019/3/1) Go to

Content Commerce Structure Appearance Extend

Orders

Product attributes

Products

Promotions

Purchase Orders

Configuration

Store

Products

Payment

Orders

Order types

Order item types

Checkout flows

UNIVERSITY OF WESTMINSTER

Member for

UNIVERSITY CALENDAR

ching	30
December 2017	Lo
ching	S
April 2018	V
y dates	V

Adminimal Admin Toolbar

The screenshot displays the Adminimal Admin Toolbar with the following elements:

- Top Bar:** Back to site, Manage, Shortcuts, Subscription active (expires 2019/3/1), Go to, Devel.
- Navigation Bar:** Content, Commerce (selected), Structure, Appearance, Extend, Configuration, People, Reports, Help.
- Left Sidebar:** Content, Home » Administration, Add content button.
- Main Content Area:** Files, Media, Title field, Content type dropdown (- Any -), Filter button, Action dropdown (Delete content), Apply to selected items button.
- Table:** A table with columns for Title and Content type. The first row shows "Access to Architecture Summer School" with a content type of "Short course".

The **Commerce** menu is expanded, showing the following sub-menu structure:

- Orders
- Product attributes
- Products
- Promotions
- Purchase Orders
- Configuration** (selected)
 - Store
 - Products** (selected)
 - Product types** (selected)
 - Product variation types
 - Payment
 - Orders



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

Image

SELECT IMAGE(S)

Subtitle

Body (Edit summary)

B I S x² x₂ I_x [List icons]

Author: admin

vision log message

MATERIAL ADMIN

More info ?

Menu settings >

Comment settings >

URL path settings >

Authoring information v

Authored by

admin (1)

More info ?

Authored on

2017-11-20

02:12:01 PM

Format [Calendar icon]

Text format

Rich Text

About text formats

Admin UI & JavaScript Modernisation

The screenshot displays a 'Create Article' form with a clean, modern design. The form is organized into several sections:

- Title:** A text input field.
- Paragraph:** A rich text editor with a toolbar containing icons for bold, italic, link, unlink, list, and image.
- Long text field:** A large text area for the main content.
- Text format:** A dropdown menu.
- Tag:** A search-based input field with 'Development' selected.
- Image:** A text input field for an image URL.
- City:** A dropdown menu.
- Published:** A checked checkbox.
- Submit:** A blue button at the bottom.

On the right side of the form, there is a sidebar with the following elements:

- Not saved yet:** A blue checkmark icon.
- Author:** 'adrian'.
- Menu Settings:** A section with a plus icon.
- Comment Settings:** A section with a plus icon.
- URL Path Settings:** A section with a plus icon.
- Authoring Information:** A section with a plus icon.
- Permissions Overview:** A section with a plus icon.

Below the sidebar, there are several UI components:

- Label:** A text input field with placeholder text 'Lorum ipsum dolor sit amet con...' and a red error message 'There is an error in the input'.
- Tags:** A row of buttons: 'UI/UX', 'Development', 'Front-end/Theming', and 'Design'. The 'Development' button is active.
- Form Elements:** A row of input fields, including a search field and a dropdown menu.
- Notifications:** A vertical stack of three colored notification boxes (red, yellow, teal) with icons and text.

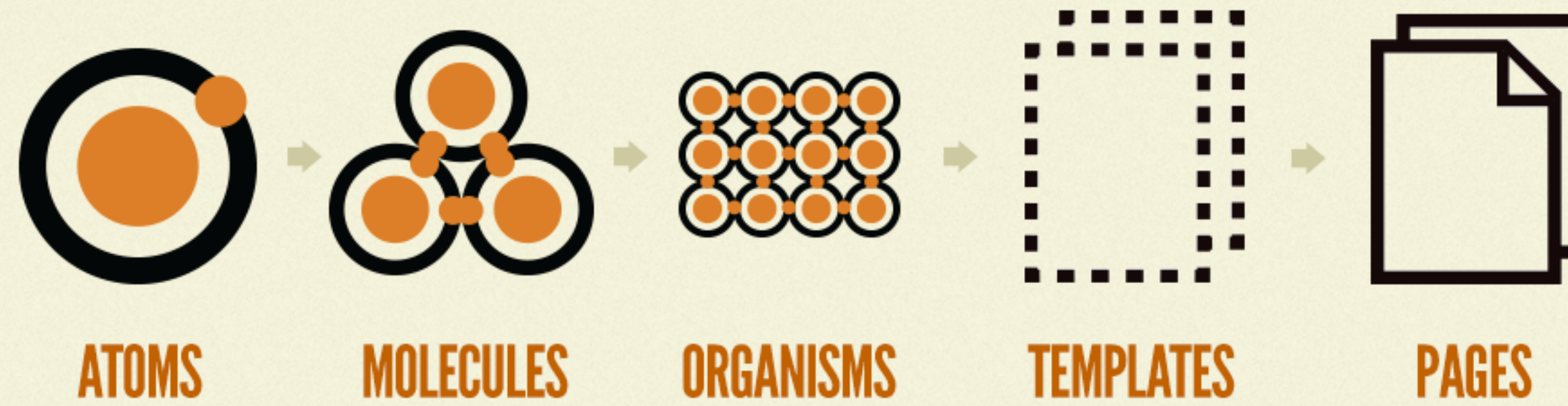
The goal of the Admin UI & JavaScript Modernisation initiative is to provide a re-imagined content authoring experience and site administration experience in Drupal, built on top of modern JavaScript foundations.

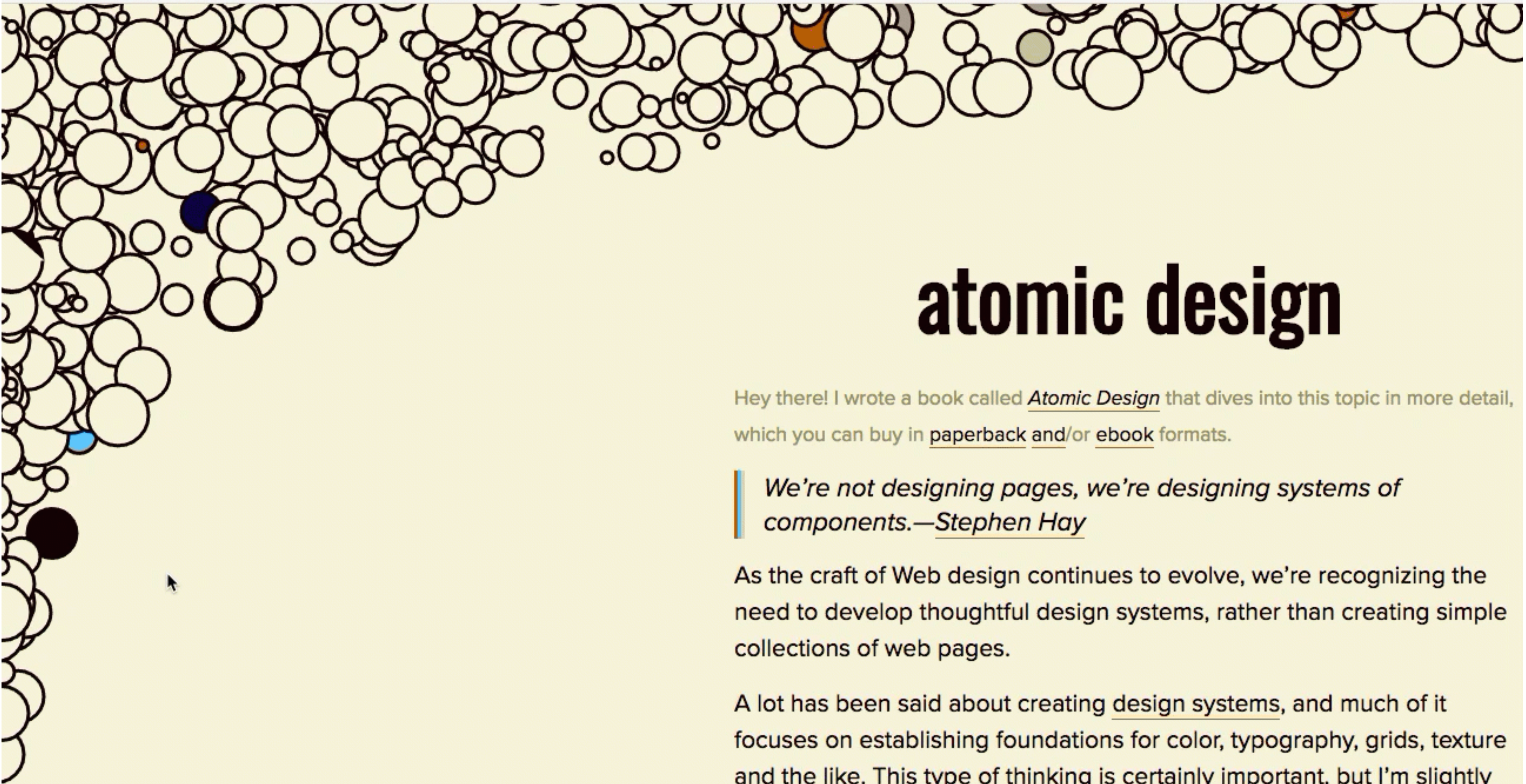


THE
UX *DESIGN*
PROCESS



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

Home > Node

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 *

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

Reorderable Fields With Fields Added

Description Text, contains helper text and/or tech specs, Small Body Copy styling. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin tristique a ante a feugiat. Quisque nec fermentum enim, eget auctor magna. Nullam venenatis quis urna venenatis cursus.

Show Row Weights (Small Body Copy Link styling)



ADD ANOTHER ITEM

List Section (Complex Reorderable Fields) *

Description Text. Create one or more list sections to add to your page. Lists can be Manual (select items by hand) or Automatic (apply a label or group of labels to certain pages or documents to make them appear in the list).

Show Row Weights (Small Body Copy Link styling)



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

0

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 *

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 +

Home > Node > Add content

Create Service Details

OVERVIEW * SECTIONS RELATED

Service Detail pages offer information about the service they're linked to. A Service Detail page is a page that you create to explain who qualifies for a service, such as 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 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 on other pages. Please be brief and to the point.

Overview

Rich text editor toolbar: Bold, Italic, Text color, Background color, Bulleted list, Numbered list, Quote, Undo, Redo, Format, Styles, Link, 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 page 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 +

Organization Stakeholders +

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 * [Text input field]

Short description * [Text input field]

Short description * Title and short description X 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. 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!. Overview NEXT

[Rich text editor area]

[Rich text editor area]

Text format Basic HTML About text formats ?

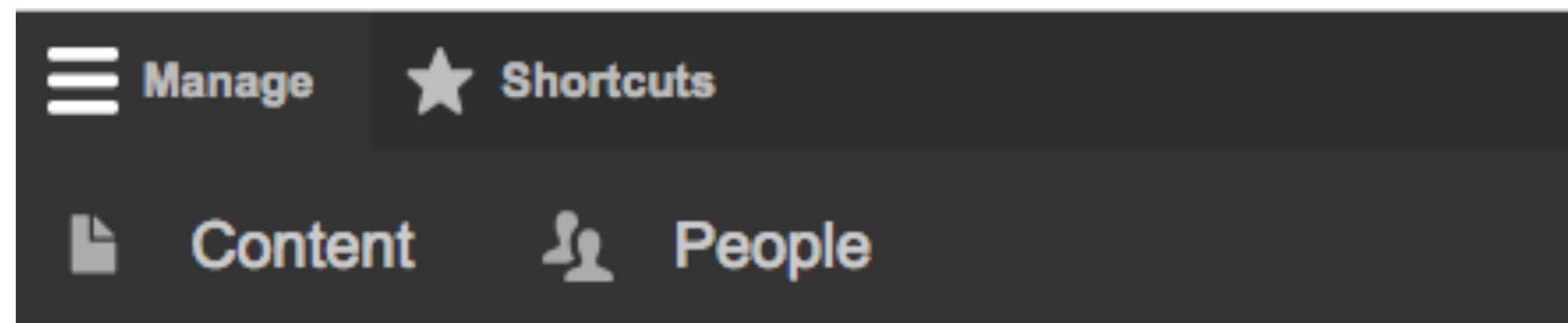
Author: massadmin Node ID: Revision log message Briefly describe the changes you have made. [Text input field] Metatags + Scheduling options + Restrict content access + Authoring information + Organization Stakeholders + XML sitemap +

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	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Edit own value for field Nationality	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Edit any value for field Nationality	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
View own value for field Nationality	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
View any value for field Nationality	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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.

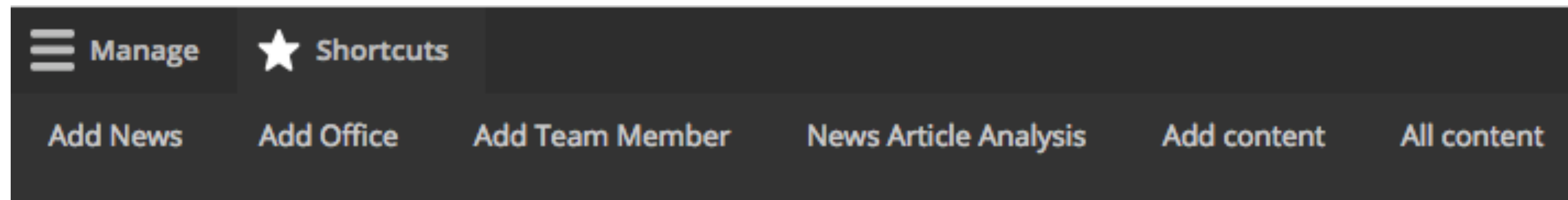
Maximum length *

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

Related pages	
	Portuguese Elementary (256)
	Norwegian Beginner (206)
	Spanish Beginner (241)

Conditional Fields

Body ▼

Add another Component to Content

Component type

Strip ▼

Add another Component to Content

Language

English ▼

► REAL-TIME SEO FOR DRUPAL

Published

Save Preview Delete

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 taxonomy
- [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](#).

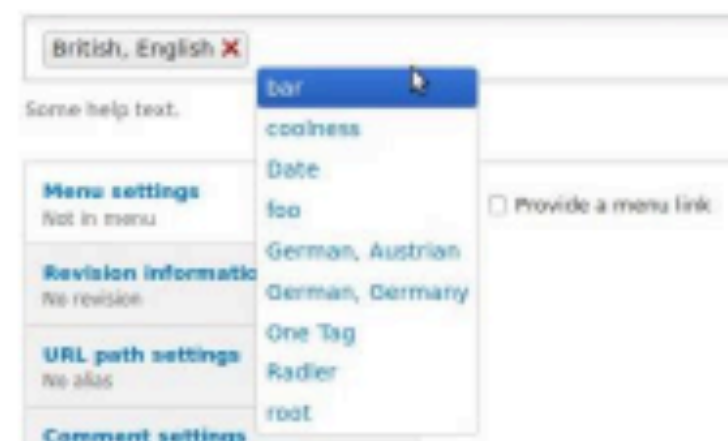
Supporting organizations:

[Mediacurrent](#)

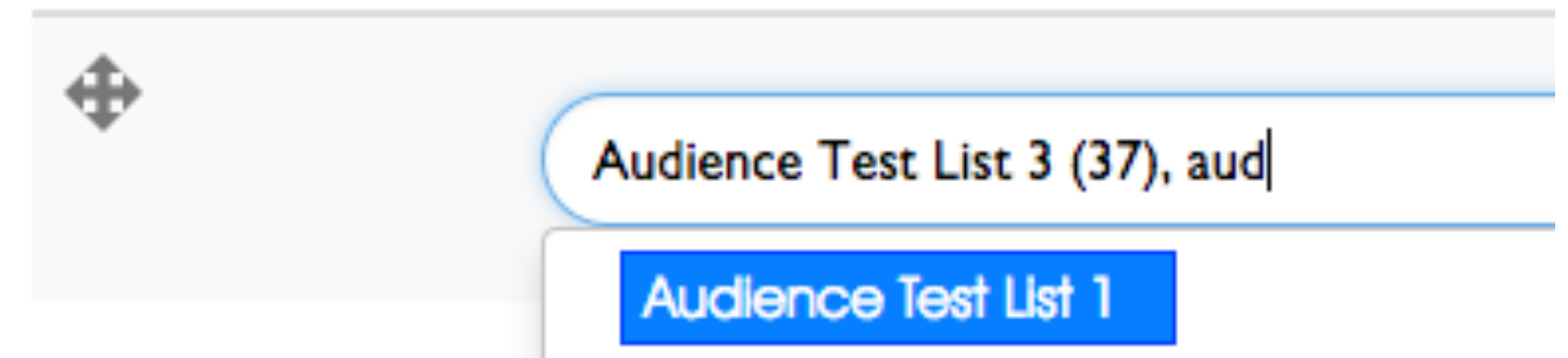
Project information

 Maintenance fixes only
Considered feature-complete by its maintainers.

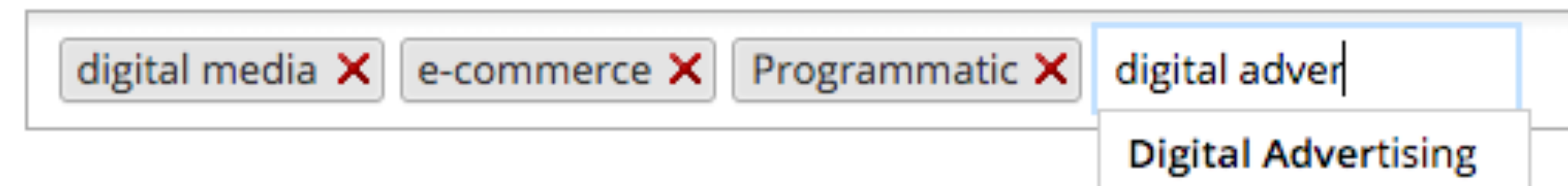
 **16,067** sites report using this module
204,503 downloads



Tags



Tags



Start typing to see matching tags. To see the full list click [here](#).

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> <big> <code> <i> <ins> <pre> <q> <small> <sub> <sup> <tt> <p>

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

✕ Acquisition

✕ ad blocking

✕ ad fraud

✕ ad reinsertion

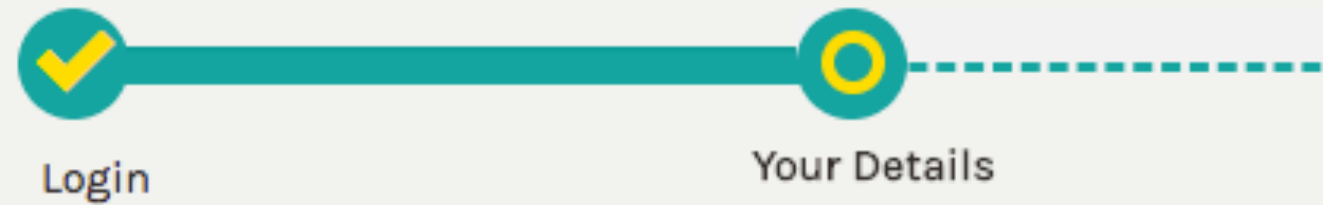
✕ Ad Spend

✕ ad tech

Inline Form Errors

UNIVERSITY OF
WESTMINSTER

- ▶ b456 is not a valid phone number.
- ▶ 3 errors have been found: Mobile number, Phone number, Phone Number



YOUR DETAILS

First name	<input type="text" value="a"/>
Last name	<input type="text" value="a"/>
Email★	<input type="text" value="cs@khosa.co.uk"/>
Phone number	<input type="text" value="a123"/>
<p>a123 is not a valid phone number.</p>	
Mobile number	<input type="text" value="b456"/>
<p>b456 is not a valid phone number.</p>	

Creating `client custom sections`

body p b

Text format Basic HTML [About text formats ?](#)

Create new revision

Revision log message

Briefly describe the changes you have made.

▶ META TAGS

▶ URL PATH SETTINGS

▶ AUTHORING INFORMATION

▶ PROMOTION OPTIONS

CLIENT CUSTOM SECTION

You could show taxonomy terms here instead to see them alongside your content.

In the future more components other than *Body* can be added such as Video, interactive images or pre-defined image formats, allowing this to be flexible.

Component type

Body ▼

Add another Component to Content

Tags

digital media ✕ e-commerce ✕ Programmatic ✕

Start typing to see matching tags. To see the full list click [here](#).

Classy Paragraphs

Strip

Title

群邑动态

Background Style *

Blue

Content

Query

Component type

Body

Add another Component to Content

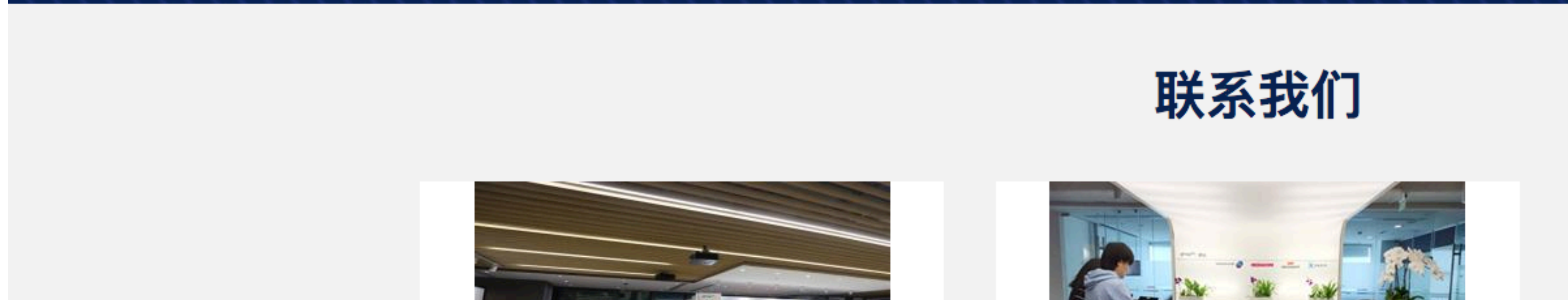
Strip

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=vjOGImztFjE&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