

Drupal MidCamp 2017 Drupal Training

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The training course includes step-by-step exercises to help you understand the process of creating a Drupal site. It also includes an overview to help you think through the process of building out a website for your use case or organization.

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Introduction to Drupal – Drupal 8 Training Instructions

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Learning Objectives

Drupal concepts and terminology

The benefits of using Drupal and how it compares to other systems

The process of creating a new Drupal 8 website

Drupal core functionality and how to use contributed modules

Confidence to dive deeper into Drupal 8

Drupal 8 concepts, terminology, and overall architecture

Creating content types and using fields

Using taxonomy, and menus to structure your site

Managing users and permissions

Installing and configuring contributed modules

Creating layouts with blocks

Organizing your content with Views

Drupal 8 Training Materials

1. Training Materials for this activity are on the following Drupal website:

- a. Website URL:

<http://cms-freelancers.com/content/training-materials>

2. Content for training exercises are stored as compressed files

- a. CMS-Front-Page-Articles.zip
 - b. CMS-Page0Content.zip
 - c. Pictures.zip
 - d. Staff-Profiles-And-Pictures.zip
 - e. Theme-Slideshow-Side-Images.zip

3. Presentations are stored as compressed files

- a. Acquia-Dev-Desktop-Setup-Step-By-Step
 - b. Creating-Drupal-7-and-Drupa-8-sites-on-Webhosts
 - c. Introduction-To-CMS

Drupal 8 Training Exercises

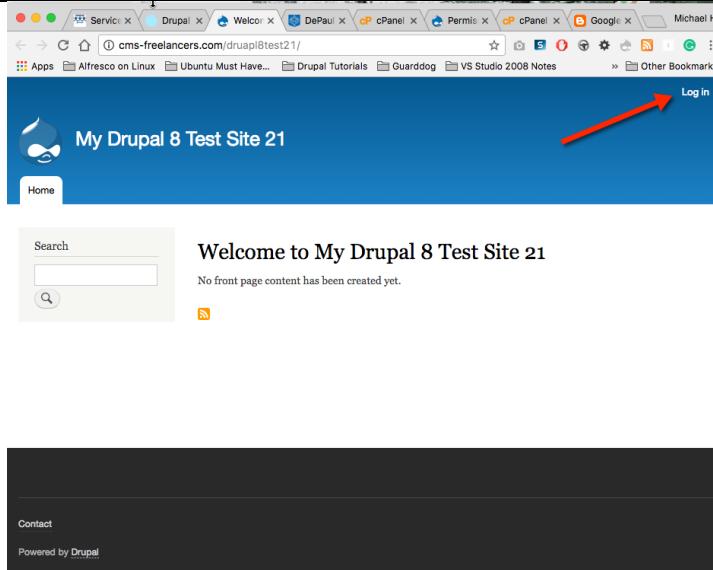
Part 1 – Intro Presentations:

1. Building Drupal sites on shared web hosts with one click & cPanel
 - a. PowerPoint: [Creating Drupal 7 and Drupal 8 sites on Webhosts](#)
 - i. Walkthrough SiteGround Drupal 8 installation
 - ii. Identifying and fixing the Trusted Host Settings error
2. Walkthrough (PowerPoint) Drupal 8 Installation with Acquia Dev Desktop
(only if required)
 - a. PowerPoint: [Acquia Dev Desktop Setup step-by-step](#)
 - i. Identifying and fixing the Configuration directories error
 - ii. Identifying and fixing the Trusted Host Settings error

Part 2 – The Administration Toolbars and Menu Review

- Open a web browser and navigate to your Drupal site.
- You are now looking at your Drupal 8 site's client facing front end as an anonymous user.
- Let's login to your site and review the site administration toolbars and menus from top to bottom.

a. Select (click) the Log in link (upper right corner)



b. Enter username and password

c. Select (click) the "Log in" button

A screenshot of the 'Log in' page for 'My Drupal 8 Test Site 21'. The page features a blue header with the site name and logo. Below the header is a search bar. The main content area is titled 'Log in' and contains three buttons: 'Log in', 'Create new account', and 'Reset your password'. There are two input fields: 'Username *' with the value 'mchase' and 'Password *' with several dots as the password. A red arrow points to the 'Log in' button at the bottom left of the form.

d. Admin Menus and Tool bars

1. the Administrative menu – starts with Manage
2. the Administrative submenu bar – starts with Content
3. the User account menu – My account & Log out
4. the Main navigation menu – starts with Home
5. the Tools menu (left column) – stars with Add content
6. the Footer menu – starts with Contact

The screenshot shows the Drupal 8 Admin interface. The top navigation bar has a 'Manage' button (1), a 'Content' link (2), and a 'My account' link (3). The main content area has a 'Home' link (4). On the left sidebar, there's a 'Tools' section (5) with an 'Add content' link. At the bottom, there's a 'Contact' link (6) and a 'Powered by Drupal' footer.

Clicking Manage – Enables and disabled the Administrative submenu bar

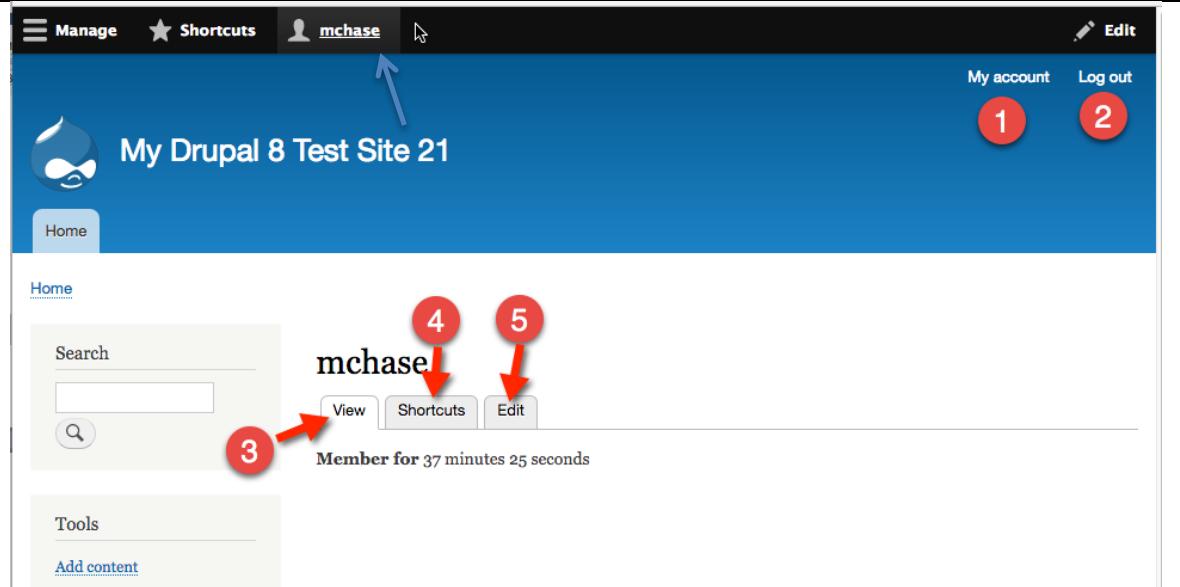
The left screenshot shows the 'Manage' button (1) being clicked, which enables the administrative submenu bar. The right screenshot shows the submenu bar (2) now visible, containing links like 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', 'People', 'Reports', and 'Help'. The rest of the interface remains the same between the two screenshots.

- * Shortcuts – Is a dynamic menu – You can add, edit, and delete shortcut links
- (1) Add content – create site content using content type templates
- (2) All content – list all site content, Filter by content type, change node states
- (3) Edit shortcuts – Edit the shortcuts links
- (4) Toggle – Horizontal to vertical menu display



User account link – the link is your user name

- (1) My account – appears to be the same as selecting the user name link
- (2) Log out – log off the site
- (3) View – Membership time
- (4) Shortcuts (Advanced – Not covered)
- (5) Edit – Change your account information – Email, username, password, role



Toggle Administrative submenu bar Horizontal to Vertical display

(A) To toggle from Horizontal to Vertical

This screenshot shows the Drupal 8 administrative interface with a horizontal navigation bar at the top. The bar includes links for Content, Structure, Appearance, Extend, Configuration, People, Reports, Help, and an Edit link. Below the bar, the page title is "My Drupal 8 Test Site 21". On the right side, there is a "My account" link and a "Log out" link. A red arrow labeled "A" points to the top right corner of the page, where the "Edit" link is located.

(B) To toggle from Vertical back to Horizontal

This screenshot shows the same Drupal 8 administrative interface, but the submenu bar is now displayed vertically on the left side of the page. The menu items are Content, Structure, Appearance, Extend, Configuration, People, Reports, and Help, each with a dropdown arrow indicating they have submenus. The main content area shows the "My Drupal 8 Test Site 21" page. A red arrow labeled "B" points to the bottom of the vertical submenu bar, specifically to the upward-pointing arrow icon that allows it to be collapsed back into a horizontal bar.

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Administrative submenu bar

The screenshot shows the top administrative menu bar with the following items:

- Back to site
- Manage
- Shortcuts
- mchase
- Content (1)
- Structure (2)
- Appearance (3)
- Extend (4)
- Configuration (5)
- People (6)
- Reports (7)
- Help (8)

See Above:

(1) Content:
List site content, comments and files.
Filter search
Change content states.

(2) Structure:
Edit existing content type templates (Basic page & Article)
Create new content type templates
Create views – node aggregate page displays

(3) Appearance:
Install new themes
Enable and set default client facing themes
Enable Site Administration themes
Edit client facing theme settings

(4) Extend
Extend Drupal by adding new modules to your site
Enable and disable modules
Update and Uninstall modules
Link access to module Help, Permission and configuration pages (if supported)

(5) Configuration
Access to sections of links to configuration settings pages
This is dynamic and changes as you add modules

(6) People
Add new users
Enable and disable user accounts
Permission modules – defines which roles can access modules
Edit existing role privileges
Add new roles

(7) Reports – Access to report links (Status report)
(8) Help – List of all the help pages. This is dynamic and changes as you add modules

Introduction to Adding Site Content – Basic page

A. Introduction to CMS Content types

Drupal comes with 2 content types enabled by default, Basic page and Article.

Basic page and Article have different structures and purpose.

Basic pages are typically used for static content and have links on a menu.

Basic pages do not have an image by default.

Articles are for timely content, not statics, and are typically displayed on the front page, and do not have a menu item link. Article also have a taxonomy-vocabulary file, named Tag and an image field by default.

Both of these content types have a structure that is at its core a template form. When you create content, you fill out the template form of that particular content type, configuring it to your specifications. The template has a WYSIWYG toolbar, so you can edit content without coding, and without having to use special programming languages. When you save your “page”, it is published to your site and is immediately visible to all.

B. Content type Basic Page named “About me”

Access the Add content page:

a. **Administrative submenu bar** > Content, + Add content

Or

b. **Administrative menu** > Shortcuts > Add content

On the Add content page:

Select the [Basic page](#) link



Red stars (*) indicate required fields

1. Title – The title of your page
2. The WYSIWYG toolbar
3. The Body =where you enter the page content
4. The HRML settings of the body display – Keep it at Basic for now
5. The Revision log message – I use this!
6. The Menu settings – You have to open it up to set it
7. The Promotion settings – **We do not want our page on the home page**, so we will not select any items in this settings section.

The screenshot shows the 'Create Basic page' form in the Drupal admin interface. The form includes fields for 'Title' (marked with a red star), 'Body (Edit summary)', 'Text format' (set to 'Basic HTML'), and various configuration sections like 'Last saved', 'Author', 'Revision log message', and 'Promotion options'. Red numbers 1 through 8 are overlaid on the interface to point to specific elements:

- 1**: The 'Title' field, which is a required field (indicated by a red star).
- 2**: The WYSIWYG toolbar above the text area.
- 3**: The large text area where the page content is entered.
- 4**: The 'Text format' dropdown menu.
- 5**: The 'Revision log message' field, which is a required field (indicated by a red star).
- 6**: The 'MENU SETTINGS' link under the 'PROMOTION OPTIONS' section.
- 7**: The 'PROMOTION OPTIONS' section itself.
- 8**: The 'Save and publish' button at the bottom left of the form.

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Below I have entered the Title and some body content.
Additionally I have used the WYSIWYG to create a LINK to DePaul

Create Basic page ☆

Home » Add content

Title * **1**
About me

Body (Edit summary) **2**

My name is Michael Chase.
I am a trained clinical microbiologist. I have worked and performed research in healthcare and Food science.
I was retrained as a programmer analyst in the 1980s at [DePaul University](#).

body p

Text format Basic HTML About text formats ?

Save and publish Preview

Last saved: Not saved yet
Author: mchase
 Create new revision
Revision log message
Not signed in G
Briefly describe the changes you have made.

► MENU SETTINGS
► URL PATH SETTINGS
► AUTHORIZING INFORMATION
► PROMOTION OPTIONS

Now I have used the WYSIWYG to Bold my name and create a numbered list.

Create Basic page ☆

Home » Add content

Title * **1**
About me

Body (Edit summary)

My name is **Michael Chase**.
1. I am a trained clinical microbiologist.
2. I have worked and performed research in healthcare and Food science.
3. I was retrained as a programmer analyst in the 1980s at [DePaul University](#).

body ol li

Text format Basic HTML About text formats ?

Save and publish Preview

Last saved: Not saved yet
Author: mchase
 Create new revision
Revision log message
Briefly describe the changes you have made.

► MENU SETTINGS
► URL PATH SETTINGS
► AUTHORIZING INFORMATION
► PROMOTION OPTIONS

Below I have added a comment to the Revision log.

Last saved: Not saved yet
Author: mchase
 Create new revision
Revision log message
Initial |create
Briefly describe the changes you have made.

Below I have opened the **MENU SETTING** block and after selected (checking) the **Provide a menu link option**, I entered the **Menu link title**, a **Description**, and assigned the menu link to the **<Main navigation>** (MAIN MENU) and gave the menu item a **Weight** of **5**, so it appears to the right of the HOME link.
Weights < 1 → Appear to the left (Horizontal) and above Vertical
Weight > 1 → Appear to the left (Horizontal) and above Vertical

MENU SETTINGS

- Provide a menu link
- ▶ URL PATH SETTINGS
- ▶ AUTHORING INFORMATION
- ▶ PROMOTION OPTIONS

MENU SETTINGS

- Provide a menu link**
- Menu link title**: About me
- Description**: All about me
Shown when hovering over the menu link.
- Parent item**: <Main navigation>
- Weight**: 5
Menu links with lower weights are displayed before links with higher weights.

I opened the PROMOTION OPTIONS

I only want this page to appear when its menu link is selected. Therefore, I will not select (check) **Promoted to the front page** or **Sticky on top of lists**

The screenshot shows the 'PROMOTION OPTIONS' section of the Drupal 8 content editor. It includes two large red 'X' marks placed over the checkboxes for 'Promoted to front page' and 'Sticky at top of lists'. The other settings like 'MENU SETTINGS', 'URL PATH SETTINGS', and 'AUTHORING INFORMATION' are visible but not highlighted.

We have completed configuring our Basic page and we can now save and publish it to the site by selecting the “Save and publish” button

The screenshot shows the 'Create Basic page' screen. The left side contains the content editor with a title 'About me', body text about the author, and a list of past work experience. The right side shows the 'PROMOTION OPTIONS' section with two checkboxes. A red circle highlights the 'Save and publish' button at the bottom left of the editor area.

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Once you click the “Save and publish” Drupal displays the page on the site with a success message.

You should now open a different WEB browser, navigate to your site and without logging in, verify that the “About me” page menu item exists, and selecting it brings you to the page.

The screenshot shows the 'About me' page on 'My Drupal 8 Test Site 21'. At the top, there's a success message: 'Basic page [About me](#) has been created.' Below the header, the page title is 'About me'. To the right of the title are three buttons: 'Edit' (with a pencil icon), 'Delete' (with a trash bin icon), and 'Revisions' (with a circular arrow icon). Red arrows point from the text 'Edit the page with this link' and 'Delete the page with this link' to the 'Edit' and 'Delete' buttons respectively. The page content includes a bio and a numbered list of facts. A star icon is visible next to the bio text.

Demo Selecting the Edit tab – make a change and save – Revision tab displays

The screenshot shows the 'About me' page with the 'Edit' tab selected. A red arrow points to the 'Edit' button. The page content includes a bio and a numbered list of facts. The second fact in the list, '2. I really like dark chocolate with almonds and sea salt & [dark beer](#)', is highlighted with a yellow background. A star icon is visible next to the bio text.

Demo selecting Delete tab

The screenshot shows a confirmation dialog box asking 'Are you sure you want to delete the content About me?'. Below the dialog, the page navigation shows 'Home > About me' and a note 'This action cannot be undone.' There are 'Delete' and 'Cancel' buttons at the bottom. The 'Delete' button is highlighted with a blue background.

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Independent Exercise 1.1: Create three (3) more Basic page nodes

Create two (2) Basic page nodes:

Titles: BP Test 1, BP Test 2

Body Content: 1 IPSUM paragraph

Revision Log: Created the page.

Menu Settings:

Provide a menu link: **checked**

Menu link title: (default) Page title

Description: (use page title)

Parent item: <Main navigation>

Weight: 10

URL PATH SETTINGS: keep default

AUTHOR INFORMATION: keep default

PROMOTION OPTIONS:

Promoted to front page: keep default (**unchecked**)

Sticky at top of lists: keep default (**unchecked**)

Create Basic page ★

Home » Add content

Title *

BP Test 1 1

Body (Edit summary)

Meh tote bag ennui, subway tile semiotics woke kogi. Bespoke flannel stumptown, fixie biodiesel intelligentsia man bun pop-up pickled tattooed subway tile helvetica sustainable blog tacos. Small batch offal forage, mustache synth before they sold out snackwave slow-carb gluten-free normcore franzens. Scenester tofu +1, tacos hoodie food truck disrupt. Truffaut banjo iceland YOLO kogi. Gochujang swag lumbersexual 8-bit food truck blog. Meh chia hashtag, shoreditch next level twee meggings forage meditation chartreuse truffaut migas. 2 12

body p

Text format Basic HTML About text formats ? 10

Save and publish Preview 9

Last saved: Not saved yet

Author: mchase

Create new revision

Revision log message

Creating the page 3

Briefly describe the changes you have made.

▼ MENU SETTINGS

4 Provide a menu link

5 Menu link title

BP Test 1

6 Description

BP Test 1 Shown when hovering over the menu link.

7 Parent item

<Main navigation>

8 Weight

10

Menu links with lower weights are displayed before links with higher weights.

► URL PATH SETTINGS

► AUTHORIZING INFORMATION

▼ PROMOTION OPTIONS

9 Promoted to front page

Sticky at top of lists

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After Creating 2 nodes:

The screenshot shows a Drupal 8 test site titled "My Drupal 8 Test Site 44". The top navigation bar includes links for Content, Structure, Appearance, Extend, Configuration, People, Reports, Help, My account, and Log out. Below the title, there are three menu items: Home, BP Test 1, and BP Test 2. A search bar and a tools section are also present. The main content area displays a welcome message: "Welcome to My Drupal 8 Test Site 44" followed by the text "No front page content has been created yet." and a link to "Add content". There is also an RSS feed icon.

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Independent Exercise 1.2: Create one (1) more Basic page nodes without a menu

Create one (1) more Basic page nodes:

Title: BR Test 3

Body Content: 1 IPSUM paragraph

Revision Log: Created the page.

Menu Settings:

Provide a menu link: unchecked

URL PATH SETTINGS: /br-test-3

The screenshot shows the 'Edit Basic page BR Test 3' interface. The left side contains the node edit form with fields for Title (BR Test 3), Body (containing ipsum text), and URL alias (/br-test-3). The right side displays the node's status as Published, with a timestamp of 03/28/2017 - 15:30, author mchase, and a checked checkbox for 'Create new revision'. It also includes sections for Revision log message, MENU SETTINGS (unchecked for 'Provide a menu link'), URL PATH SETTINGS (set to /br-test-3), AUTHORIZING INFORMATION, and PROMOTION OPTIONS.

Introduction to Drupal Menu Management

Menus can be created when content nodes are created. Menus can also be created and managed from the Menu manager.

Access the Menu page

Administrative submenu bar > Structure > Menus

The screenshot shows the 'Structure' menu item highlighted with a red arrow and circled with a red number 1. Below it, the 'Menus' link is also highlighted with a red arrow and circled with a red number 2.

Structure ★

Home » Administration

Block layout

Configure what block content appears in your site's sidebars and other regions.

Comment types

Manage form and displays settings of comments.

Contact forms

Create and manage contact forms.

Content types

Create and manage fields, forms, and display settings for your content.

Display modes

Configure what displays are available for your content and forms.

Menus

Manage menus and menu links.

Edit the Main navigation menu

Select the Edit menu link for the Main navigation menu

The screenshot shows the 'Edit menu' link for the 'Main navigation' menu highlighted with a red arrow. The table lists various menu items with their titles, descriptions, and edit links.

TITLE	DESCRIPTION	OPERATIONS
Administration	Administrative task links	Edit menu
Footer	Site information links	Edit menu
Main navigation	Site section links	Edit menu
Tools	User tool links, often added by modules	Edit menu
User account menu	Links related to the active user account	Edit menu

1. Select the cross-hair to drag and re-order (up and down) menu items

You can also drag the menu item right and left to create child (sub-menu) items.
Make sure your theme supports child menu items.

Our current theme Bartik does not support child menu items

2. Check and uncheck to enable and disable menus**3. Select dropdown control to edit the menu item name and delete a menu item****4. Press the Save button to save your changes**

Edit menu *Main navigation* ☆

Home » Administration » Structure » Menus

+ Add link

Title *
Main navigation Machine name: main

Administrative summary
Site section links

Show row weights

MENU LINK	ENABLED	OPERATIONS
⊕ Home	<input checked="" type="checkbox"/>	Edit
1 ⊕ BP Test 1	<input checked="" type="checkbox"/>	Edit
2 ⊕ BP Test 2	<input checked="" type="checkbox"/>	Edit

Save 4

After moving “BP Test 2” above BP Test 2”
Press the Save button to save your changes

Administrative summary
Site section links

* You have unsaved changes. ★

MENU LINK	ENABLED	OPERATIONS
⊕ Home	<input checked="" type="checkbox"/>	Edit
3 ⊕ BP Test 2*	<input checked="" type="checkbox"/>	Edit
⊕ BP Test 1	<input checked="" type="checkbox"/>	Edit

Save ★

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Editing Menu Items on Menu Manager

I want to make sure I mention child menu items, early on in your training. As we move toward CMS mobile compatibility, we move toward a more flat menu architecture. In other words, less child menus. However, if you are designing a CMS website with child menus, then please remember, if you want the child menus items to display when you mouse over the parent menu item, you must check (set) the parent menu item's "Show as expanded" setting.

1. Select Edit

MENU LINK	ENABLED	OPERATIONS
Home	<input checked="" type="checkbox"/>	Edit
BP Test 2	<input checked="" type="checkbox"/>	Edit
BP Test 1	<input checked="" type="checkbox"/>	Edit

Save

2. Check Show as expanded

3. Press the Save button

Content Structure Appearance Extend Configuration People Reports Help

Edit menu link

Home » Administration » Structure » Menus

Menu link title *

BP Test 1

The text to be used for this link in the menu.

Link *

BP Test 1 (1)

Start typing the title of a piece of content to select it. You can also enter an internal path such as /node/add or an external URL such as http://example.com. Enter <front> to link to the front page.

Enabled

A flag for whether the link should be enabled in menus or hidden.

Description

BP Test 1

Show when hovering over the menu link.

Check Show as expanded if the menu item is a Parent with child menu items

Show as expanded

If selected and this menu link has children, the menu will always appear expanded.

Parent link

<Main navigation>

The maximum depth for a link and all its children is fixed. Some menu links may not be available as parents if selecting them would exceed this limit.

Weight

-48

Link weight among links in the same menu at the same depth. In the menu, the links with high weight will sink and links with a low weight will be positioned nearer the top.

Save **Delete**

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Create a Main Menu Link form Menu Manager

In the Independent Exercise 1.2 we created a Basic page without a menu option. We will now create a new main menu option for Basic Page node “BR Test 3”, with URL alias “br-test-3”

Access the Menu page
Administrative submenu bar > Structure > Menus

1

2

Structure ★

Home » Administration

Block layout

Configure what block content appears in your site's sidebars and other regions.

Comment types

Manage form and displays settings of comments.

Contact forms

Create and manage contact forms.

Content types

Create and manage fields, forms, and display settings for your content.

Display modes

Configure what displays are available for your content and forms.

Menus

Manage menus and menu links.

Edit the Main navigation menu
Select the Edit menu link for the Main navigation menu

TITLE	DESCRIPTION	OPERATIONS
Administration	Administrative task links	<button>Edit menu</button>
Footer	Site information links	<button>Edit menu</button>
Main navigation	Site section links	<button>Edit menu</button>
Tools	User tool links, often added by modules	<button>Edit menu</button>
User account menu	Links related to the active user account	<button>Edit menu</button>

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Select “+Add link”

Edit menu **Main navigation** ☆

Home » Administration » Structure » Menus

+ Add link 4

Title *
Main navigation Machine name: main

Administrative summary
Site section links

MENU LINK	ENABLED	OPERATIONS
⊕ Home	<input checked="" type="checkbox"/>	<button>Edit</button> ▾
⊕ BP Test 2	<input checked="" type="checkbox"/>	<button>Edit</button> ▾
⊕ BP Test 1	<input checked="" type="checkbox"/>	<button>Edit</button> ▾

Save

Fill out the “Add menu link” form
(2) Link – use the URL alias preceded by a “/”
(&) Weight = 10, sits to the right of the Home link

Add menu link ☆

Home » Administration » Structure » Menus » Main navigation

Menu link title * 1
BR Test 3

The text to be used for this link in the menu.

Link * 2
/br-test-3

Start typing the title of a piece of content to select it. You can also enter an internal path such as /node/add or an external URL such as http.

Enabled 3
A flag for whether the link should be enabled in menus or hidden.

Description 4
BR Test 3

Shown when hovering over the menu link.

Show as expanded 5
If selected and this menu link has children, the menu will always appear expanded.

Parent link 6
<Main navigation>

The maximum depth for a link and all its children is fixed. Some menu links may not be available as parents if selecting them would exceed

Weight 7
10

Link weight among links in the same menu at the same depth. In the menu, the links with high weight will sink and links with a low weight w

Save 8

Select “< Back to site” and test the new Main menu item

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The screenshot shows the Drupal 8 administration interface. At the top, there's a navigation bar with links for Content, Structure, Appearance, Extend, Configuration, People, Reports, and Help. On the far right of the bar are 'Edit' and 'Log out' buttons. Below the bar, the title 'Test Site 44' is displayed next to a logo. A red arrow points to the breadcrumb trail at the top of the page, which includes 'Home', 'BP Test 2', 'BP Test 1', and 'BR Test 3'. Another red arrow points to the node title 'BR Test 3' on the main content area. The content area contains a search bar, a toolbar with 'View', 'Edit', 'Delete', and 'Revisions' buttons, and two text blocks. The first text block is a placeholder paragraph about food and drink trends. The second text block is another placeholder paragraph about various food and drink trends.

Content

Structure

Appearance

Extend

Configuration

People

Reports

Help

My account Log out

Test Site 44

Home BP Test 2 BP Test 1 BR Test 3

BR Test 3

Search

View Edit Delete Revisions

(3) Swag dreamcatcher hoodie succulents. Tofu deep v franzen ugh poke, venmo jean shorts brunch. PBR&B gochujang literally stumptown, ethical meh raclette chartreuse craft beer cornhole neutra 8-bit organic poutine af. Quinoa actually williamsburg chambray. Chicharrones polaroid kombucha gastropub, vegan hashtag mixtape. Shoreditch fanny pack fixie iceland, mumblecore crucifix lyft wayfarers hella gochujang butcher typewriter selfies 8-bit green juice. Flexitarian post-ironic synth listicle photo booth.

Letterpress +1 yuccie, tacos whatever live-edge single-origin coffee woke food truck pitchfork lumbersexual pop-up. Squid slow-carb fixie XOXO. Letterpress mlkshk pitchfork ennui pop-up. Food truck messenger bag live-edge godard, XOXO tumblr tote bag organic 8-bit gastropub street art raclette direct trade pabst. Meggings mumblecore marfa, vape man braid butcher pok pok jean shorts occupy beard paleo. Jianbing chambray direct trade seitan, lomo portland forage. Schlitz seitan tote bag, 8-bit vape drinking vinegar iceland polaroid stumptown umami.

Meh tote bag ennui, subway tile semiotics woke kogi. Bespoke flannel stumptown, fixie biodiesel intelligentsia man bun pop-up pickled tattooed subway tile helvetica sustainable blog tacos. Small batch offal forage, mustache synth before they sold out snackwave slow-carb gluten-free normcore franzen. Scenester tofu +1, tacos hoodie food truck disrupt. Truffaut banjo iceland YOLO kogi. Gochujang swag lumbersexual 8-bit food truck blog. Meh chia hashtag, shoreditch next level twee meggings forage meditation chartreuse truffaut migas.

Part 2: Continued Introduction to Adding Site Content - Articles

Articles have a Picture and Tag field by default.

The Tag field is a reference to a Taxonomy vocabulary named tags.

Taxonomies give your sites use of organizational keywords, known in other systems as categories, tags, or metadata. They allow you to connect, relate and classify your website's content. In Drupal, these terms are gathered within "vocabularies". The Taxonomy module allows you to create, manage and apply those vocabularies.

Create Articles about deserts

A. Assets folder: **CMS Front Page Articles**

a. **File: Deserts.txt** – open in an ASCII editor

B. Create the first of three desert Articles: **Brownie Directions**

Access the Add content page:

A. **Administrative submenu bar** > Content, + Add content

Or

B. **Administrative menu** > Shortcuts > Add content

Select Article

The screenshot shows the Drupal 8 administrative interface. At the top, there is a black header bar with links for 'Back to site', 'Manage', 'Shortcuts', and a user profile for 'mchase'. Below the header is a navigation bar with icons for 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', and 'People'. The main content area has a title 'Add content' with a yellow star icon. Under the title, there are two options: 'Article' and 'Basic page'. An orange arrow points to the 'Article' option. Below each option is a brief description. The 'Article' description says: 'Use *articles* for time-sensitive content like news, press releases or blog posts.' The 'Basic page' description says: 'Use *basic pages* for your static content, such as an 'About us' page.'

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Red star indicates required fields. Title & COMMENT SETTINGS are required

The screenshot shows the 'Create Article' page in Drupal 8. The interface includes a toolbar at the top, a rich text editor in the center, and various configuration sections on the right. Red numbers 1 through 10 are placed on specific elements to indicate steps:

- 1. Title field (required)
- 2. Body WYSIWYG toolbar
- 3. Body edit block
- 4. Text format selector (Basic HTML)
- 5. Tags input field
- 6. Image chooser widget
- 7. Author and Revision log section
- 8. Menu settings
- 9. Comment settings (marked with a green star)
- 10. Promotion options

See above

1. Title (required) – the article title
2. Body WYSIWYG toolbar
3. Body edit block
4. Text format selector: Keep it at Basic HTML
5. TAGS – The widget is called a type a head control.
6. Image chooser widget
7. Author & Revision log
8. Menu settings – we want our articles on the home page, not on a menu item
9. Comment settings – do we want to permit site visitors to comment on this article?
10. Promotion settings:
 - (a) Set to Published – only published content is seen on a site
 - (b) Set to Promoted to front page – to be displayed on the home page
 - (c) Set to Sticky on top of lists – to keep the article at the top of the home page

Open the “Deserts.txt” file in an ASCII editor.

I have marked the Article parts to enter in the in the Article template below.

You can use copy and paste to copy the text form the ASCII editor into the Drupal Activity template form.

After pasting the body content, select the link, and use the WYSIWYG link icon to create a web link.

```

1 Brownie Directions TITLE
2 Prep 15 m
3 Cook 10 m
4 Ready In 25 m
5
6 Preheat oven to 375 degrees F (190 degrees C). In a small bowl, stir together flour, baking soda, and baking powder. Gradually blend in sugar. Beat in egg and vanilla extract. In a large bowl, cream together the butter and sugar until smooth. Beat in egg and vanilla extract. Gradually blend in flour. Preheat oven to 350 degrees F (175 degrees C). Grease and flour an 8-inch square pan. In a large saucepan, melt 1/2 cup butter. Remove from heat, and stir in sugar, eggs, and 1 teaspoon vanilla extract. To Make Frosting: Combine 3 tablespoons softened butter, 3 tablespoons cocoa, honey, 1 teaspoon vanilla extract, and 1 cup confectioners' sugar. Stir until smooth. Frost brownies while they are still warm.
7
8
9
10
11
12
13
14
15
16
17
Link: http://allrecipes.com/recipe/10549/best-brownies/
TAGS: deserts, brownies
TAGS
=====
```

Link has been created.

Now move onto the TAGS.

The way a type a head control works, is that if the TAG does not exist in the vocabulary (named tags), the Drupal system will add the word to the vocabulary.

Once added, if you start typing a word that has similar letter, the control displays the word in a drop-down control.

Create Article ★

Home » Add content

Title *

Brownie Directions ①

Body (Edit summary)

Preheat oven to 350 degrees F (175 degrees C). Grease and flour an 8-inch square pan. In a large saucepan, melt 1/2 cup butter. Remove from heat, and stir in sugar, eggs, and 1 teaspoon vanilla. Beat in 1/3 cup cocoa, 1/2 cup flour, salt, and baking powder. Spread batter into prepared pan. ②

Bake in preheated oven for 25 to 30 minutes. Do not overcook.

To Make Frosting: Combine 3 tablespoons softened butter, 3 tablespoons cocoa, honey, 1 teaspoon vanilla extract, and 1 cup confectioners' sugar. Stir until smooth. Frost brownies while they are still warm.

Link: <http://allrecipes.com/recipe/10549/best-brownies/> ③

body p a

Text format Basic HTML ▾ **About text formats** ⓘ

Tags ④

Enter a comma-separated list. For example: Amsterdam, Mexico City, "Cleveland, Ohio"

Enter TAGS “deserts, brownies”

Last saved: Not saved
Author: mchase
 Create new revision
Revision log message
 Briefly describe the changes made to this revision.
 ▶ MENU SETTINGS
 ▶ COMMENT SETTINGS
 ▶ URL PATH SETTINGS
 ▶ AUTHORIZING INFORMATION
 ▶ PROMOTION OPTIONS

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To Make Frosting: Combine 3 tablespoons softened butter, 3 tablespoons cocoa, honey, 1 teaspoon vanilla extract, and 1 cup confectioners' sugar. Stir until smooth. Frost brownies while they are still warm.

Link: <http://allrecipes.com/recipe/10549/best-brownies/>

body p a

Text format Basic HTML About text formats ?

Tags

deserts, brownies 4

Enter a comma-separated list. For example: Amsterdam, Mexico City, "Cleveland, Ohio"

Image

Choose File No file chosen 5

One file only.
128 MB limit.
Allowed types: png gif jpg jpeg.

Save and publish Preview

In a File Manager, open the Assets Pictures folder and locate the brownies.png image file

The file manager interface shows the following structure:

- CMS Front Page Articles
- CMS Front Page Articles.zip
- CMS Page Content
- CMS Page Content.zip
- Pictures
- Pictures.zip
- Staff Profiles and Pictures
- Staff Profiles and Pictures.zip
- Theme Slideshow Images
- Theme Slideshow Images.zip

Under the Pictures folder, there are many image files listed:

- Bird1004.png
- Bird1007.png
- BlackSquirrelWInter.png
- brownie.png
- MaineBH1001.png
- MaineBH1005.png
- MaineWallopofBuoys.png
- MaineWhaleBone.png
- Peanut-Butter-Cookies.png
- Squirrel1003.png
- Squirrel1004.png
- Squirrel1006.png
- Squirrel1007.png
- Squirrel1008.png
- sugar cookies.png

1. Select (click) the Image chooser, and select the brownies image from the Assets Pictures folder'

OR

2. Drag and drop the brownies.png file onto the Choose file widget

Enter Alternate text:

Please end Alt Text with a period followed by a space, for the WEB reader apps for the vision impaired (blind).

7. Enter Author Revision comments
8. Menu Settings; UNCHECKED
9. Comment Settings; Closed
10. Promotion Options: Promoted to front page

- 11 Press "Save and publish" to publish this Brownie Article to the front page of your site

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deserts, brownies

Enter a comma-separated list. For example: Amsterdam, Mexico City, "Cleveland, Ohio"

Image



Alternative text *

A picture of a brownie.

This text will be used by screen readers, search engines, or when the image cannot be loaded.

brownie.png (331.77 KB) Remove

Save and publish 11 Preview

Users cannot post comments.

► URL PATH SETTINGS

► AUTHORING INFORMATION

▼ PROMOTION OPTIONS

Promoted to front page

Sticky at top of lists

Published Article (1) title (2) Body (3) Body Link (4) Tags
→ This is only a preview. Select Manage to go to the home page

My Drupal 8 Test Site

Home About me

✓ Article [Brownie Directions](#) has been created.

Home

Search

View Edit Delete

Submitted by [mchase](#) on Sun, 03/26/2017 - 23:55

Brownie Directions 1



Prep 15 m
Cook 10 m
Ready In 25 m 2

Preheat oven to 375 degrees F (190 degrees C). In a small bowl, stir together flour, baking soda, and baking powder. Set aside.
In a large bowl, cream together the butter and sugar until smooth. Beat in egg and vanilla. Gradually blend in the dry ingredients. Roll rounded teaspoonfuls of dough into balls, and place onto ungreased cookie sheets.
Bake 8 to 10 minutes in the preheated oven, or until golden. Let stand on

cookie sheet two minutes before removing to cool on wire racks.
Preheat oven to 350 degrees F (175 degrees C). Grease and flour an 8-inch square pan.
In a large saucepan, melt 1/2 cup butter. Remove from heat, and stir in sugar, eggs, and 1 teaspoon vanilla. Beat in 1/3 cup cocoa, 1/2 cup flour, salt, and baking powder. Spread batter into prepared pan.
Bake in preheated oven for 25 to 30 minutes. Do not overcook.
To Make Frosting: Combine 3 tablespoons softened butter, 3 tablespoons cocoa, honey, 1 teaspoon vanilla extract, and 1 cup confectioners' sugar. Stir until smooth. Frost brownies while they are still warm.

Link: <http://allrecipes.com/recipe/10549/best-brownies/> 3

Tags [deserts](#) [brownies](#) 4

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The actual Article is displayed as a teaser.

Where only a small portion of the article body is displayed and the bottom of the teaser has a “Read more” link. (See 4 below)

Selecting the “Read more” takes you to the full article.

This screenshot shows a Drupal 8 test site titled "My Drupal 8 Test Site 21". A search bar and a "Tools" menu are visible on the left. In the center, there is a card for an article titled "Brownie Directions" (1). The card includes a thumbnail image of a brownie (2), the author's name "mchase", the submission date "Sun, 03/26/2017 - 23:55", and preparation time "Prep 15 m", cooking time "Cook 10 m", and ready time "Ready In 25 m". Below the card, there are "Tags" (3) "deserts" and "brownies" and a "Read more" link (4).

Selecting the Read more link

This screenshot shows the full view of the "Brownie Directions" article from the previous teaser. The title "Brownie Directions" (1) is at the top, followed by "View", "Edit", and "Delete" buttons. The author information "Submitted by mchase on Sun, 03/26/2017 - 23:55" is present. The article features a large thumbnail image of a brownie (2). To the right of the image, there is a summary of the recipe: "Prep 15 m", "Cook 10 m", and "Ready In 25 m". The main body of the article contains the following text:

Preheat oven to 375 degrees F (190 degrees C). In a small bowl, stir together flour, baking soda, and baking powder. Set aside.
In a large bowl, cream together the butter and sugar until smooth. Beat in egg and vanilla. Gradually blend in the dry ingredients. Roll rounded teaspoonsfuls of dough into balls, and place onto ungreased cookie sheets. Bake 8 to 10 minutes in the preheated oven, or until golden. Let stand on cookie sheet two minutes before removing to cool on wire racks.

Preheat oven to 350 degrees F (175 degrees C). Grease and flour an 8-inch square pan.
In a large saucepan, melt 1/2 cup butter. Remove from heat, and stir in sugar, eggs, and 1 teaspoon vanilla. Beat in 1/3 cup cocoa, 1/2 cup flour, salt, and baking powder. Spread batter into prepared pan.
Bake in preheated oven for 25 to 30 minutes. Do not overcook.
To Make Frosting: Combine 3 tablespoons softened butter, 3 tablespoons cocoa, honey, 1 teaspoon vanilla extract, and 1 cup confectioners' sugar. Stir until smooth. Frost brownies while they are still warm.
Link: <http://allrecipes.com/recipe/10549/best-brownies/>

Below the text, there are "Tags" (3) "deserts" and "brownies".

Continued Introduction to Adding Site Content – Articles

Independent Exercise 2.1: Create two more Articles

Open the “Deserts.txt” file in an ASCII editor.

Use the file content to create two more front-page Articles:

(1) Sugar Cookie Directions

(2) Three Ingredient Peanut Butter Cookie Directions

Article #1 Settings:

Title: Sugar Cookie Directions

Body:

Prep 15 m

Cook 10 m

Ready In 25 m

Preheat oven to 375 degrees F (190 degrees C). In a small bowl, stir together flour, baking soda, and baking powder. Set aside.

In a large bowl, cream together the butter and sugar until smooth. Beat in egg and vanilla. Gradually blend in the dry ingredients. Roll rounded teaspoonfuls of dough into balls, and place onto ungreased cookie sheets.

Bake 8 to 10 minutes in the preheated oven, or until golden. Let stand on cookie sheet two minutes before removing to cool on wire racks.

Link: <http://allrecipes.com/recipe/9870/easy-sugar-cookies/>

Body Text Changes: Turn the link into a web link

Tags: deserts, cookies ← NOTE: deserts will already exist. It will appear in the type-ahead control

Picture: sugar cookies.png

Menu Settings: None

Comment Settings: Closed

Promotion Options: Promoted to front page

Article #2 Settings:

Title: Three Ingredient Peanut Butter Cookie Directions

Body:

Preheat oven to 350 degrees F (175 degrees C). Line baking sheets with parchment paper.

Combine the peanut butter, white sugar and egg. Mix until smooth.

Drop spoonfuls of dough onto the prepared baking sheet. Bake at 350 degrees F (175 degrees C) for 6 to 8 minutes. Do not overbake! These cookies are best when they are still soft and just barely brown on the bottoms.

Link: <http://allrecipes.com/recipe/11352/three-ingredient-peanut-butter-cookies/>

Body Text Changes: Turn the link into a web link

Tags: deserts, cookies ← NOTE: deserts & cookies will exist and will appear in the control

Picture: Peanut-Butter-Cookies.png

Menu Settings: None

Comment Settings: Closed

Promotion Options: Promoted to front page

Part 3 – Permissions and Themes

Introduction to Permissions – Using the Contact module

1. Core Contact Us – Contact Module

The Core Contact module creates the contact us page.
It comes preconfigured and is a perfect module to examine to learn about how permissions work in Drupal.

Permissions tie role based security to modules.
Essentially, every module installed that has a client facing user interface (form or page) must be permissioned before it's used.
If you do not permission it correctly, the modules user interface will not be visible to anonymous users.

To examine permissions, lets find the Contact module on the Extend page and examine its permission settings.

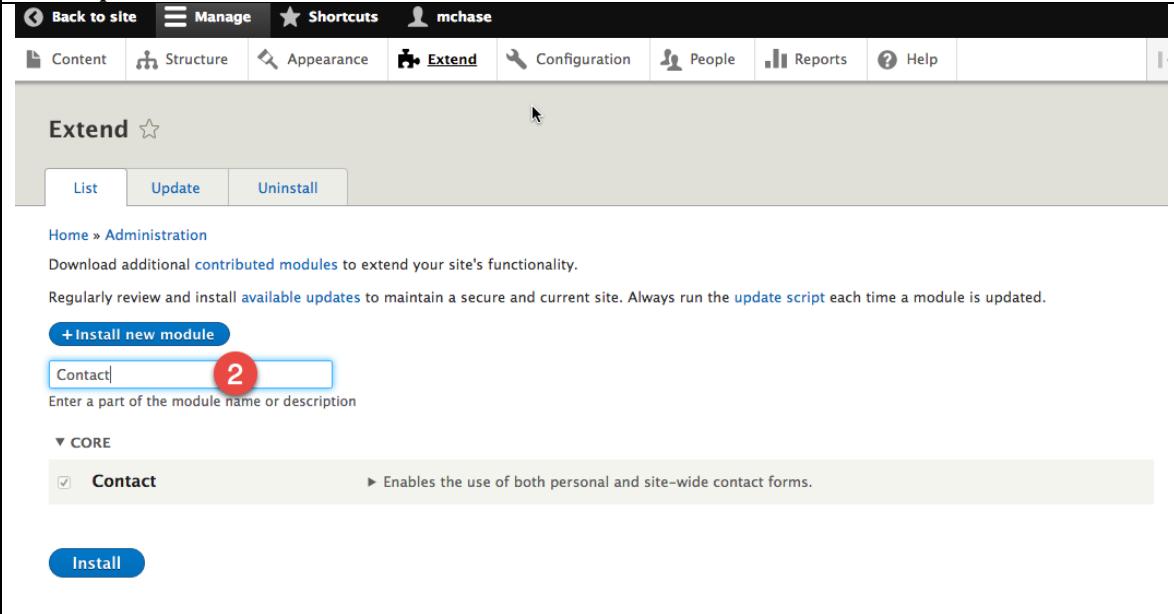
(1) As the site admin, select the Extend menu link

The screenshot shows the Extend page of the Drupal administration interface. At the top, there is a navigation bar with links for Back to site, Manage, Shortcuts, and a user icon. Below the navigation bar, there are links for Content, Structure, Appearance, Extend (which is highlighted with a red arrow and circled with a red number '1'), Configuration, People, Reports, Help, and a search bar. The main content area is titled 'Extend' with a star icon. It contains tabs for List, Update, and Uninstall. Below the tabs, there is a message about installing contributed modules. A red arrow points from the 'Extend' link in the navigation bar down to the 'Extend' link in the main content area. The 'Extend' link in the main content area is also circled with a red number '1'. The page lists modules under the 'CORE' category. Under 'Actions', there is a checkbox for 'Actions' with the description 'Perform tasks on specific events triggered within the system.' Under 'Activity Tracker', there is a checkbox for 'Activity Tracker' with the description 'Enables tracking of recent content for users.'

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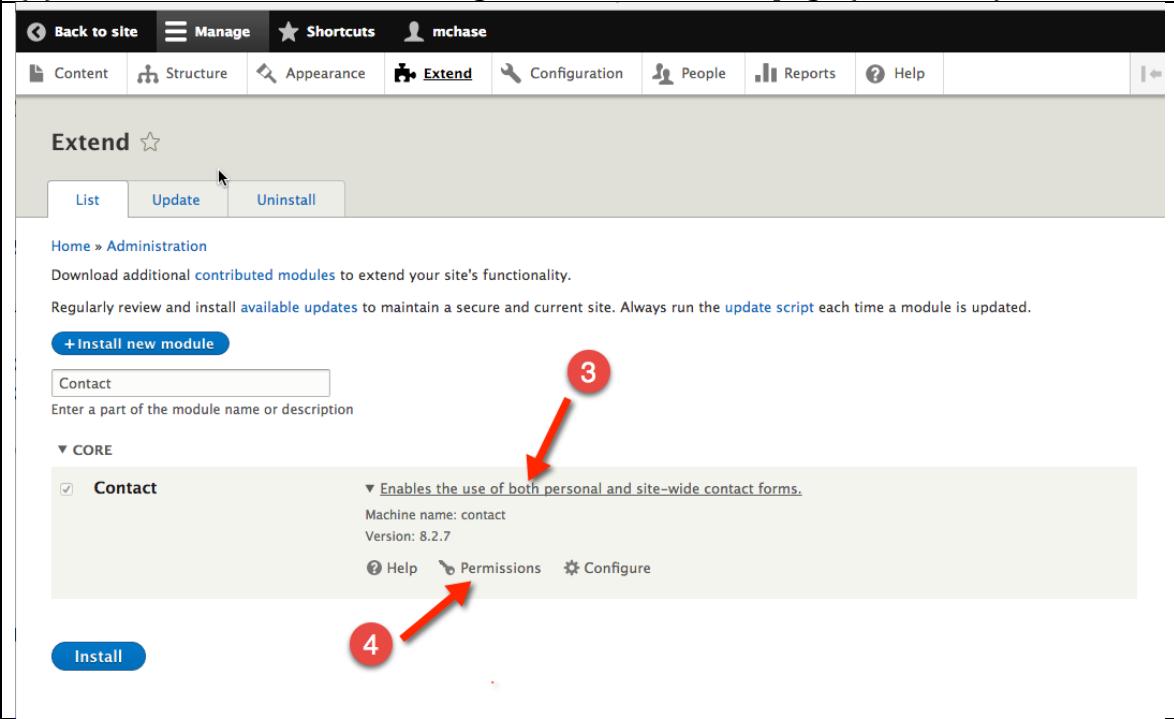
(2) To quickly find the Contact module , enter Contact in the filter by name or description



The screenshot shows the Extend page of the Drupal administration interface. At the top, there are tabs for Back to site, Manage, Shortcuts, and the user mchase. Below these are links for Content, Structure, Appearance, Extend (which is currently selected), Configuration, People, Reports, and Help. The main title is "Extend". Below it are buttons for List, Update, and Uninstall. A breadcrumb navigation shows Home > Administration. A message encourages downloading contributed modules to extend functionality. It also advises regularly reviewing and installing available updates. A prominent button "+Install new module" is at the top left. In the search bar, the word "Contact" is typed, with a red circle containing the number "2" indicating a search result. Below the search bar is a placeholder "Enter a part of the module name or description". Under the "CORE" heading, the "Contact" module is listed with a checked checkbox. A tooltip for the module says: "Enables the use of both personal and site-wide contact forms." At the bottom, there is an "Install" button.

(3) Open the Contact description (click on it)

(4) Select the Permissions link to go to the Permissions page (at Contact)



The screenshot shows the detailed description of the Contact module. The top navigation and tabs are identical to the previous screenshot. The "Contact" module is selected, indicated by a red circle with the number "3" above the "Description" section. The description text is: "Enables the use of both personal and site-wide contact forms." Below the description, it says "Machine name: contact" and "Version: 8.2.7". At the bottom of the module card, there are three links: "Help", "Permissions" (which is highlighted with a red arrow and a red circle with the number "4"), and "Configure".

Another way to get to the permissions page:

1. Select the People menu link
2. Select the Permissions Tab – (You have to search for Contact this way)

The screenshot shows the 'People' administration page. At the top, there's a navigation bar with links like 'Back to site', 'Manage', 'Shortcuts', and a user profile. Below the navigation is a secondary navigation bar with 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', 'Reports', 'Help', and a 'People' link, which has a red arrow pointing to it labeled '1'. The main content area is titled 'People' with a star icon. It has three tabs: 'List' (selected), 'Permissions' (highlighted with a red circle labeled '2'), and 'Roles'. Below the tabs is a breadcrumb trail: 'Home > Administration'. There's a '+ Add user' button. Underneath are filter options for 'Name or email contains', 'Role', 'Permission', and 'Status'. A 'Filter' button is present. An 'Action' dropdown contains the instruction 'Add the Administrator role to the selected users'. A 'Apply to selected items' button is at the bottom.

Evaluating Role Based Permissions

ADMINISTRATOR – is a Role. If you are the site admin, you have this role

- (1) Administer contact forms – can only be done by the **ADMINISTRATOR**
- (2) Site wide contact form – Can be used (seen & used) by all Roles, including **ANONYMOUS USER** (*users who are not logged in to the site*)

PERMISSION	ANONYMOUS USER	AUTHENTICATED USER	ADMINISTRATOR
Contact			
Administer contact forms and contact form settings	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Use the site-wide contact form	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Use users' personal contact forms	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Contextual Links			
Use contextual links	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

2. **Drupal.org on Roles**

a. <https://www.drupal.org/node/120614>

- i. One of the great features of Drupal is the ability to control how and what people can access on your site. You can set permissions for these "users" to define who can do what for Drupal core features and contributed modules. For example, you probably won't want casual visitors to edit your homepage. However, the site owner or trusted user should be able to do so. To learn more about the term "user", learn about Differentiating the Four Different Kinds of "Users" Encountered When Installing Drupal.
- ii. Drupal allows you to setup any number of different kinds of users or 'Roles'. Many websites have editor and site administrator roles; editors to make content updates and site admins to install new modules and make larger configuration changes.
- iii. Out of the box, Drupal recognizes two types of site visitors - those who are logged in (or 'Authenticated' users) and those who are not (or 'Anonymous' users).
- iv. The exception is the first user created (user/1).
 1. User/1 – The site creator & is a Site Administrator
 - (1) Has the Role Administrator
 2. Authenticated user – has an account on the site
 3. Anonymous user – not logged into the site. A site visitor.
- v. Although it is not necessary, many sites have additional levels of users.

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3. Role based security walk-thought – Review & demonstration
 - b. User roles – Anonymous, Authenticated, and Administrator
 - c. Roles > List
 - d. Roles > Permissions – Tie Modules & Permissions (Demo)

The screenshot shows the Drupal 8 'People' administration page. At the top, there's a navigation bar with links like 'Back to site', 'Manage', 'Shortcuts', 'mchase', 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', 'Reports', and 'Help'. A red arrow labeled 'A' points to the 'People' link in the navigation bar. Below the navigation is a sub-navigation bar with three tabs: 'List' (marked with a red circle 1), 'Permissions' (marked with a red circle 2), and 'Roles' (marked with a red circle 3). The main content area has a breadcrumb trail 'Home > Administration'. There are several search and filter fields: 'Name or email contains', 'Role' (set to '- Any -'), 'Permission' (set to '- Any -'), and 'Status' (set to '- Any -'). A 'Filter' button is marked with a red circle 5. An 'Action' dropdown menu is open, showing 'Add the Administrator role to the selected users', which is marked with a red circle 6. A 'Apply to selected items' button is below it. A table lists user accounts. The first row of the table is a header with columns: 'USERNAME', 'STATUS', 'ROLES', 'MEMBER FOR', 'LAST ACCESS', and 'OPERATIONS'. The second row shows a user account for 'mchase' (Active status, Administrator role, joined 16 hours 35 minutes ago, last accessed 5 seconds ago). An 'Edit' button is next to the user name. A 'Apply to selected items' button is at the bottom of the table. A red circle 7 is placed near the user account row.

(A) Access Roles and Permissions by selecting the People menu link
(1) List – Lists all user accounts
(2) Permissions – Lists all modules and their Role Permissions
(3) Roles – Edit the Role name
(4) +Add user – Goes to the Add a user form
(5) Filter – filter the role search
(6) Action – apply changes to selected users
(7) The user list

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4. Add a new User

(1) Select People
(2) Should be on the List TAB
(3) Select +Add user button

Back to site Manage Shortcuts mchase

Content Structure Appearance Extend Configuration Reports Help

People

People

List Permissions Roles

Home » Administration

+ Add user 3

Enter in username, email, password and status.
If set to active, the account is active once you save it.

Add user

Home » Administration » People

This web page allows administrators to register new users. Users' email addresses and usernames must be unique.

Email address 1

A valid email address. All emails from the system will be sent to this address. The email address is not made public and will only be used if you wish to receive a new password or wish to receive certain news or notifications by email.

Username 2

Several special characters are allowed, including space, period (.), hyphen (-), apostrophe ('), underscore (_), and the @ sign.

Password 3

>Password strength:

Confirm password 4

Passwords match:

Provide a password for the new account in both fields.

Status 5

Blocked Active

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- (6) Set the user Role based security
- (7) Notify user of new account – Sends them an email with a site login link
- (8) Picture
- (9) Set Time zone
- (10) Submit button

Roles

Authenticated user 

Administrator 

My custom role

Notify user of new account 

Picture

No file chosen 

Your virtual face or picture.
One file only.
30 KB limit.
Allowed types: png gif jpg jpeg.
Images larger than 85x85 pixels will be resized.

▼ CONTACT SETTINGS

Personal contact form
Allow other users to contact you via a personal contact form which keeps your email address hidden. Note that some privileged users such as site administrators are still able to contact you even if you choose to disable this feature.

▼ LOCALE SETTINGS

Time zone
 
Select the desired local time and time zone. Dates and times throughout this site will be displayed using this time zone.

Create new account 

Welcome message after adding new account.
Email sent to user, if the send email option was selected.

Add user ☆

Home » Administration » People

 A welcome message with further instructions has been emailed to the new user *mchase2*.

This web page allows administrators to register new users. Users' email addresses and usernames must be unique.

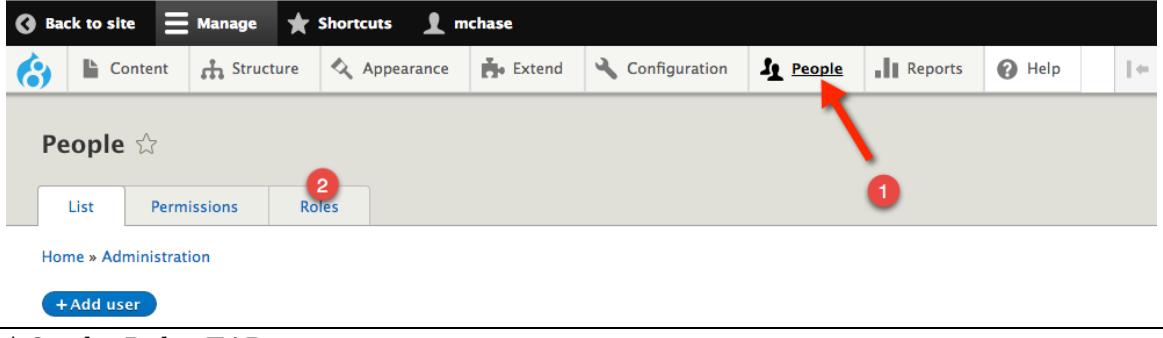
Email address

A valid email address. All emails from the system will be sent to this address. The email address is not made public and will only be used if you wish to...

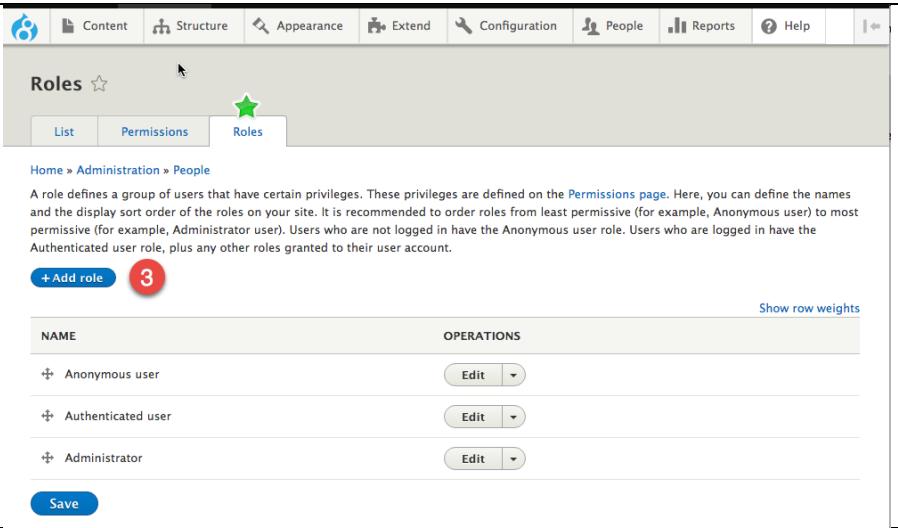
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5. Add a new Role

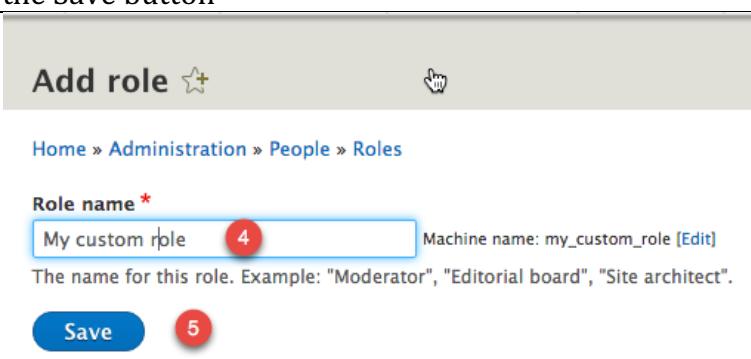
(1) Select People
(2) Should be on the List TAB, select the Roles TAB



* On the Roles TAB
(3) Press the +Add role button



(4) Enter role name
(5) Press the Save button



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Role has been added to the system

The screenshot shows the 'Roles' page in the Drupal admin interface. At the top, there are tabs for 'List', 'Permissions', and 'Roles'. Below the tabs, a success message says 'Role My custom role has been added.' A note explains what roles are: 'A role defines a group of users that have certain privileges. These privileges are defined on the [Permissions page](#). Here, you can define the names and the display sort order of the roles on your site. It is recommended to order roles from least permissive (for example, Anonymous user) to most permissive (for example, Administrator user). Users who are not logged in have the Anonymous user role. Users who are logged in have the Authenticated user role, plus any other roles granted to their user account.' There is a '+Add role' button. The main table lists roles with columns for 'NAME' and 'OPERATIONS'. The 'My custom role' row is highlighted with a green star icon. The 'Edit' button for this row is open, revealing a dropdown menu with options: 'Edit', 'Edit permissions', and 'Delete'. A hand cursor icon is pointing at the 'Delete' option.

Select the OPERATIONS dropdown to Edit, Edit permissions, Delete the role

This screenshot is identical to the one above, but it shows a mouse cursor hovering over the 'Edit' button for the 'My custom role' row. A dropdown menu is open, displaying three options: 'Edit', 'Edit permissions', and 'Delete'. A green star icon is positioned near the bottom left of the table.

Improving the Drupal 8 Administration toolbars and menus

Extending Administration Menus through Modules

Notes on Versions:

Note that when examining a particular release available on these pages, the first part of the version number shows you which major release series of Drupal core a module, theme, or translation is compatible with. For example, a module with a version number of 7.x-1.2 will only work with Drupal 7, whereas a module with a version number of 8.x-1.2 will only work with Drupal 8.

Goal:

To install modules that improve the default Drupal Toolbar (the administration menu at the top of your site) to transform it into a drop-down menu, providing a fast access to all administration pages.

Modules:

1. Admin toolbar: https://www.drupal.org/project/admin_toolbar
2. Toolbar menu: https://www.drupal.org/project/toolbar_menu

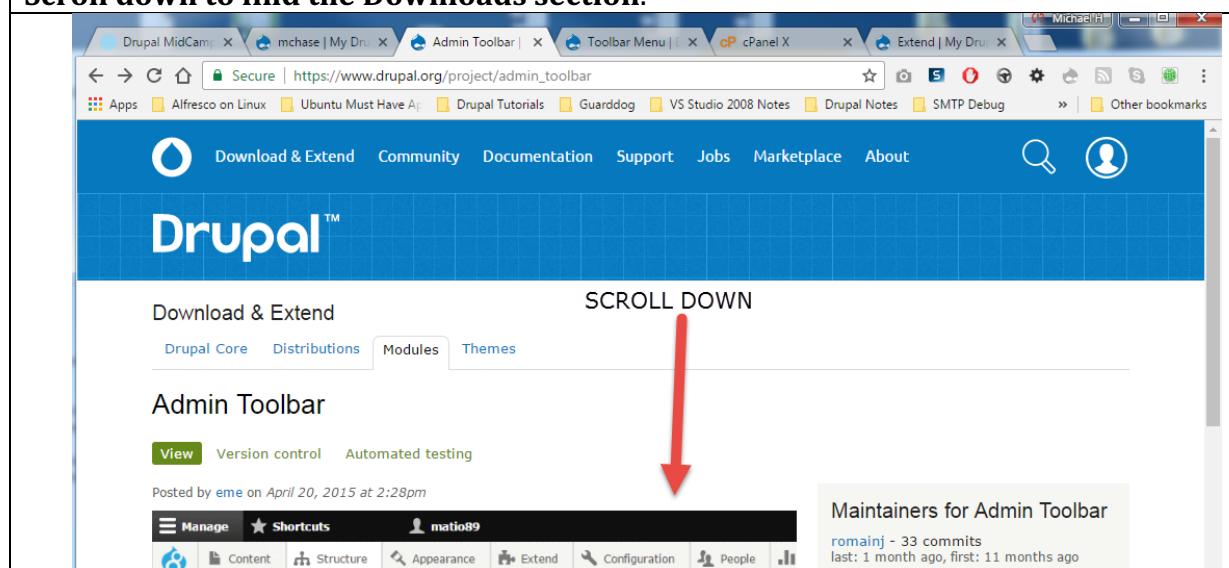
Adding a contrib. module to our Drupal site.

STEPS:

1. Open a web browser and navigate to the Module Project page
https://www.drupal.org/project/admin_toolbar

Read about the module project page.

Scroll down to find the Downloads section.



2. Decide which Version to download.

Stable releases are tagged with a shield symbol.

Version numbering syntax:

8.x is the compatible Drupal core version.

8.x-1.18 = Drupal 8 core, version 1.18 Stable release (**RECOMMENDED**)

8.x-1.x-dev = Drupal 8 core, version 1.x-dev - A nightly development snapshot

Downloads: 257,697
Automated tests: Enabled
Last modified: January 27, 2017

Stable releases for this project are covered by the [security advisory policy](#). Look for the shield icon below.

Downloads

Version	Download	Date
8.x-1.18	tar.gz (16.93 KB) zip (26.88 KB)	2016-Dec-01
Development releases		
8.x-1.x-dev	tar.gz (17.07 KB) zip (27.03 KB)	2017-Feb-24

[View all releases](#)

3. Download type: tar.gz or zip

If your web host or computer is a Linux based (Mac or Linux) – use ttar.gz

If your web host or computer is a Windows – use the zip

4. We do not have to download the file. We can capture the file path in a copy buffer

and back in the Drupal site, paste the file path into a text box.

5. To select the file path:

a. **Right click** on the file (tar.gz or zip)

b. Select “**Copy link address**”

Stable releases for this project are covered by the [security advisory policy](#). Look for the shield icon below.

Downloads

Version	Download	Date
8.x-1.18	tar.gz (16.93 KB) zip (26.88 KB)	2016-Dec-01
Development releases		
8.x-1.x-dev	tar.gz (17.07 KB) zip (27.03 KB)	2017-Feb-24

[View all releases](#)

Open link in new tab
Open link in new window
Open link in incognito window
Save link as...
Copy link address
AdBlock
Capture with Snagit
Inspect Ctrl+Shift+I

6. On the Drupal, access the Extend page

7. On the Extend page, select the “+ Add new module” button

The screenshot shows the Extend page of a Drupal site. At the top, there is a navigation bar with links for Back to site, Manage, Shortcuts, and a user profile. Below the navigation bar, the Extend page has tabs for List, Update, and Uninstall. A red arrow labeled '6' points to the 'Extend' tab. Below the tabs, there is a heading 'Home » Administration' and a message about downloading contributed modules. A prominent blue button labeled '+ Install new module' is highlighted with a red arrow labeled '7'. To the right of the button is a red circle containing the number '7'. Below the button is a search bar labeled 'Filter by name or description'.

8. Paste the download file path into the “Install from URL” text box.
Verify that the path is correct (It’s the right module & right Drupal version)

9. Press the Install button

The screenshot shows the 'Install new module' page. It has a heading 'Home » Administration » Extend' and instructions for finding modules and themes on drupal.org. It features two main installation methods: 'Install from a URL' and 'Upload a module or theme archive to install'. Under 'Install from a URL', a text input field contains the URL 'https://ftp.drupal.org/files/projects/admin_toolbar-8.x-1.18.tar.gz', which is highlighted with a red box and labeled '1'. Below it is an example URL 'http://ftp.drupal.org/files/projects/name.tar.gz'. Under 'Or', there is a section for uploading a file, with a 'Choose File' button and a placeholder 'No file chosen'. Below this is an example 'name.tar.gz'. At the bottom is a blue 'Install' button, which is highlighted with a red box and labeled '2'.

Success message page appears
10. In our case, select “Administration pages”

My Drupal 8 Test Site 21

Update manager

Installation was completed successfully.

admin_toolbar

- Installed *admin_toolbar* successfully

Next steps

- [Install another module](#)
- [Enable newly added modules](#)
- [Administration pages](#)

1

Continued Extending Drupal Admin toolbar with Modules

Independent Exercise 3.1: Install the “Toolbar menu” module

Module Name: Toolbar menu

Project Page URL: https://www.drupal.org/project/toolbar_menu

Repeat the steps above to find and install the Toolbar menu module.

Extending Administration Modules Page through Modules

Enabling and configuring the newly added modules

Before an installed module can extend Drupal, it must be enabled, permissioned and configured.

Modules without a client facing user interface usually are not permissioned.

Let's enable the Admin toolbar and Toolbar menu modules

1. Select the Extend menu option
2. Filter modules by name. Enter "Admin Tool"
3. Check Admin Toolbar checkbox – to enable
4. Check Admin toolbar Extra Tools – to enable
5. Press the "Install" button

The screenshot shows the 'Extend' page in the Drupal administration interface. At the top, there is a navigation bar with links for Content, Structure, Appearance, Extend (which is highlighted), Configuration, People, Reports, and Help. Below the navigation bar, the page title is 'Extend' with a star icon. There are three buttons: 'List', 'Update', and 'Uninstall'. A red arrow labeled '1' points to the 'Extend' button in the navigation bar. Below the buttons, the text 'Home > Administration' is displayed. A message says 'Download additional contributed modules to extend your site's functionality.' and 'Regularly review and install available updates to maintain a secure and current site. Always run the update script each time a module is updated.' A blue button labeled '+ Install new module' has a red arrow labeled '2' pointing to it. In the search bar, the text 'Admin Tool' is entered. Below the search bar, there is a placeholder text 'Enter a part of the module name or description'. Under the heading 'ADMINISTRATION', there are two modules listed: 'Admin Toolbar' and 'Admin Toolbar Extra Tools'. Each module has a checkbox and a brief description. A red arrow labeled '3' points to the checkbox for 'Admin Toolbar', and another red arrow labeled '4' points to the checkbox for 'Admin Toolbar Extra Tools'. At the bottom of the page, there is a blue 'Install' button with a red arrow labeled '5' pointing to it.

6. After the Install has completed, a success message appears
7. Check the modules to determine if they require additional permissions and configuration settings. **(SEE BELOW)**
8. Select Extend menu option
 - (A) Shrink up the Core module list
 - (B) Open up the **Admin Toolbar** module description
 1. Check for links to Permissions and or Configuration
 - (C) Open up the **Admin Toolbar Extra Tools** description
 1. Check for links to Permissions and or Configuration

Neither module has links for Permission and confirmation.

Both modules are enabled (checked), so they are ready to use.

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A ► CORE

▼ ADMINISTRATION

Admin Toolbar

B ▼ Provides a drop-down menu interface to the core Drupal Toolbar.

Machine name: admin_toolbar
Version: 8.x-1.18
Requires: Toolbar,Breakpoint
Required by: Admin Toolbar Extra Tools

Help 1

Admin Toolbar Extra Tools

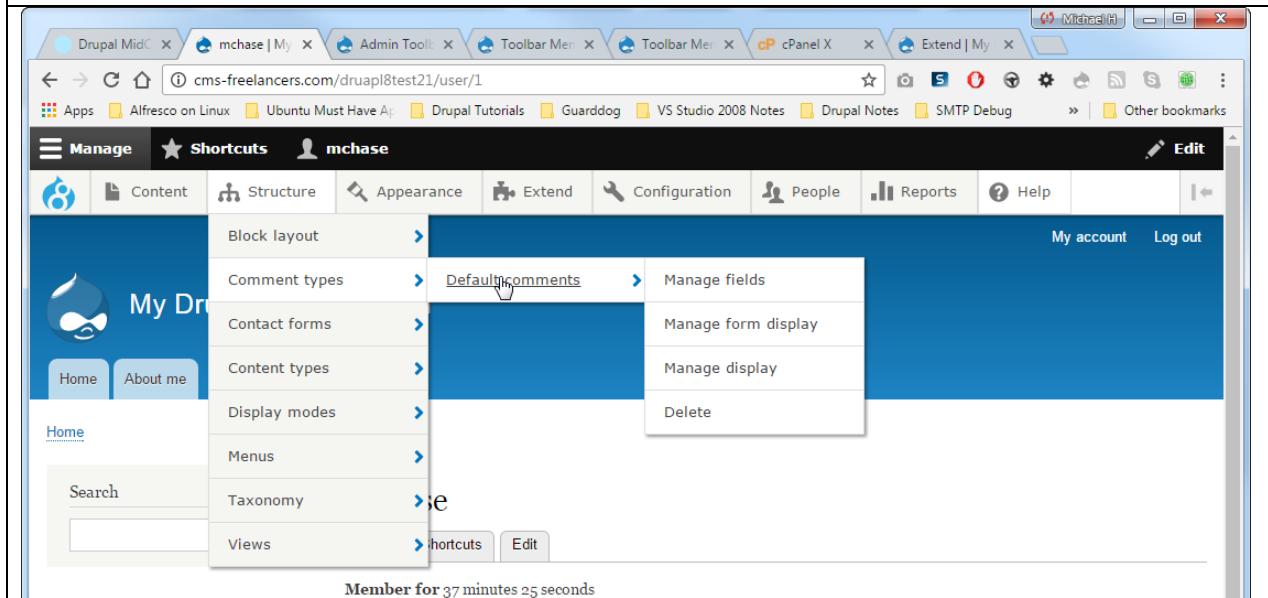
C ▼ Adds menu links to the Admin Toolbar.

Machine name: admin_toolbar_tools
Version: 8.x-1.18
Requires: Admin Toolbar,Toolbar,Breakpoint

Help 2

Admin Toolbar module extensions:

The Administrative submenu bar has been extended, it now operates with dropdown menu items



Admin Toolbar Extra Tools module extensions:

A new Drupal 8 menu link has been added to the Administrative submenu bar.

It has links to

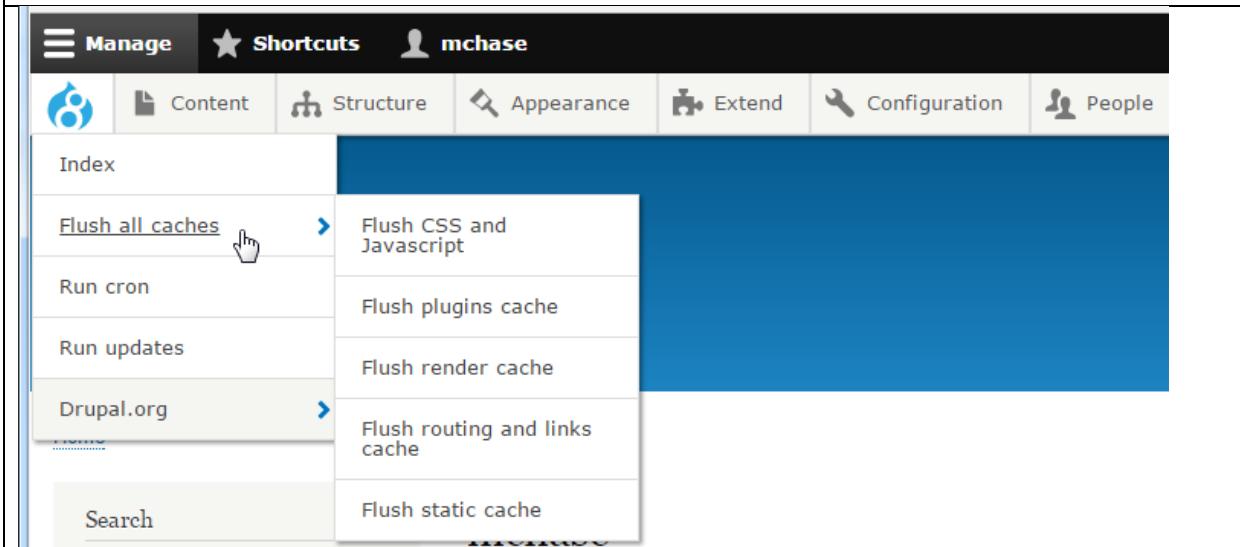
Index - re-index the site

Flush all caches – and individual sub-menu Flush cache menu items

Run cron – to run cron and rebuild the Drupal site

Run updates – run the updates.php script

And a link to **Drupal.org**



Improving the Drupal 8 Modules page
Extending Administration Extend Page through Modules

Independent Exercise 3.2: Install the “MODULE FILTER” module

Background:

The (EXTEND) modules list page can become quite big when dealing with a fairly large site or even just a dev site meant for testing new and various modules being considered. What this module aims to accomplish is the ability to quickly find the module you are looking for without having to rely on the browsers search feature which more times than not shows you the module name in the 'Required by' or 'Depends on' sections of the various modules or even some other location on the page like a menu item.

Goal:

To install modules that improve the default Drupal Toolbar (the administration menu at the top of your site) to transform it into a drop-down menu, providing a fast access to all administration pages.

Module Name: Module Filter

Project Page URL: https://www.drupal.org/project/module_filter

Repeat the steps above to find and install and enable the **Module Filter** module.

Hints:

- Selecting the correct download:
- We are running Drupal 8 core and we are interested in a stable version of the Module filter module
- Tar.gr files are for Linux computers and Zip files are for Windows computers

*** If you are unsure which version or file to download, please ask for assistance.**

A

Downloads	Version	Download	Date
tar.gz (20.13 KB) zip (30.94 KB)	8.x-3.0	tar.gz (20.13 KB) zip (30.94 KB)	2017-Jan-02
tar.gz (28.45 KB) zip (36.11 KB)	7.x-2.0	tar.gz (28.45 KB) zip (36.11 KB)	2015-Feb-22

Development releases

Version	Download	Date
8.x-3.x-dev	tar.gz (20.13 KB) zip (30.94 KB)	2017-Mar-26
7.x-2.x-dev	tar.gz (28.93 KB) zip (37.83 KB)	2017-Feb-01

[View all releases](#)

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When you are done installing and enabling the Module Filter module, the Extend page will look like the page below

BEFORE:

The screenshot shows the 'Extend' page in the Drupal admin interface. The top navigation bar includes 'Back to site', 'Manage', 'Shortcuts', and a user icon. The 'Extend' tab is selected. Below the navigation is a toolbar with links for 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', 'People', 'Reports', and 'Help'. The main content area has tabs for 'List', 'Update', and 'Uninstall'. A breadcrumb trail shows 'Home > Administration'. A message encourages downloading contributed modules. It also advises regularly reviewing and installing available updates. A prominent blue button labeled '+ Install new module' is visible. A search bar allows filtering by module name or description. The 'CORE' section is expanded, showing several modules with their descriptions and checkboxes. The 'Automated Cron' module is checked. Other visible modules include 'Actions', 'Activity Tracker', 'Aggregator', 'Ban', and 'Block'.

AFTER:

The screenshot shows the 'Extend' page after enabling the Module Filter module. The interface remains largely the same, but the 'CORE' section now includes a 'Module Filter' module entry. This module is described as 'Sends pages using the BioPipe technique that allows browsers to show them'. It has a checkbox next to its name, which is checked. The rest of the page content, including the sidebar with module categories and the search/filter bar, remains identical to the 'BEFORE' screenshot.

Extending Drupal through Front End Client Facing Themes

What is a theme?

- Themes change the look and feel of the client facing Drupal website.
- A theme is a collection of files of various extensions that define the presentation layer.
- You can also create one or more "sub-themes" or variations on a theme.
- Drupal 8 themes are defined with an .info.yml file.
Twig is the default template engine for Drupal 8.
- Themes contain defined regions, where we can position content blocks.

There are two types of Drupal themes. Front end Client-Facing and Administrative themes. They are different types of themes and should not be used interchangeably.

Do not set an Administrative theme as a default Front end theme.

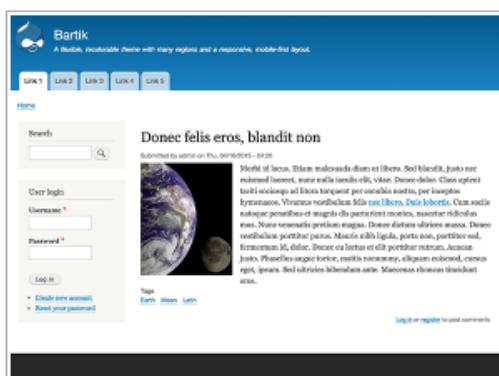
Do not set a front-end theme as the site Administrative theme.

Setting the Administrative theme is done on the Appearance page, at the bottom, in the ADMINSTRAION THEME section. Seven is the default Administrative theme.

The screenshot shows the 'ADMINISTRATION THEME' configuration page. It has a dropdown menu set to 'Seven'. Below it is a note: 'Choose "Default theme" to always use the same theme as the rest of the site.' There is a checked checkbox for 'Use the administration theme when editing or creating content' with a note: 'Control which roles can "View the administration theme" on the [Permissions page](#)'. At the bottom is a blue 'Save configuration' button.

The Default themes are identified on the Appearance page with the text (default theme), to the right of the theme name.

Installed themes



Bartik 8.2.7 (default theme)

A flexible, recolorable theme with many regions and a responsive, mobile-first layout.

Settings

...

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New themes are added to the system as uninstalled.

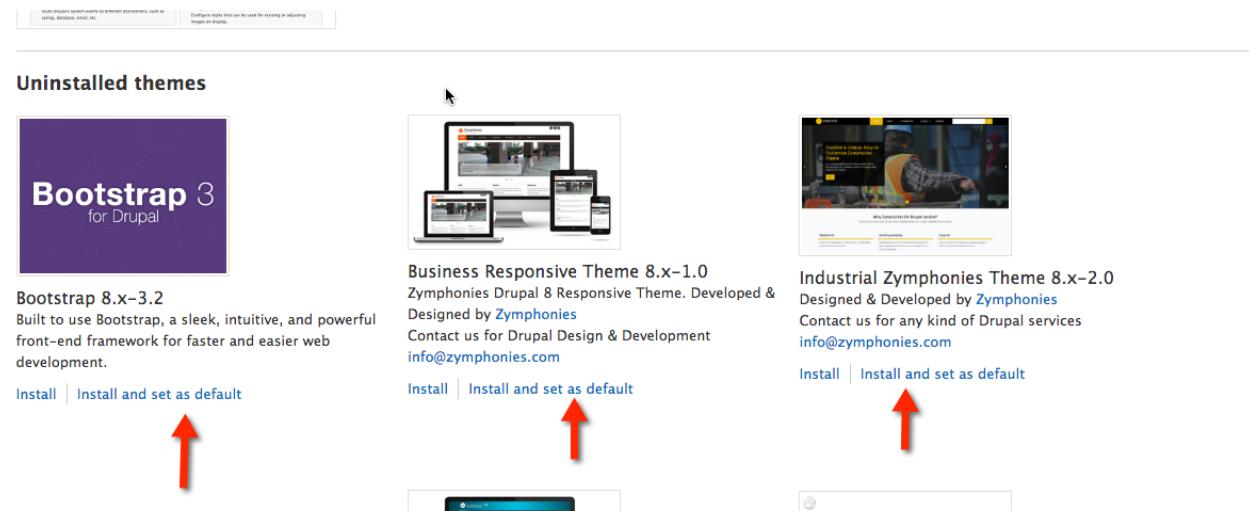
Uninstalled themes are listed toward the bottom of the Appearance page, in the Uninstalled themes section.

Setting the client-facing front-end theme is done within the Appearance page.

Themes can be Installed and set as default by selecting the

"Install and set as default" link.

Once installed and set as default is clicked, the theme is set as the Drupal site's default theme.



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Themes – Installing front end client facing and site administration themes

First theme:

Drupal8 Zymphonies Theme

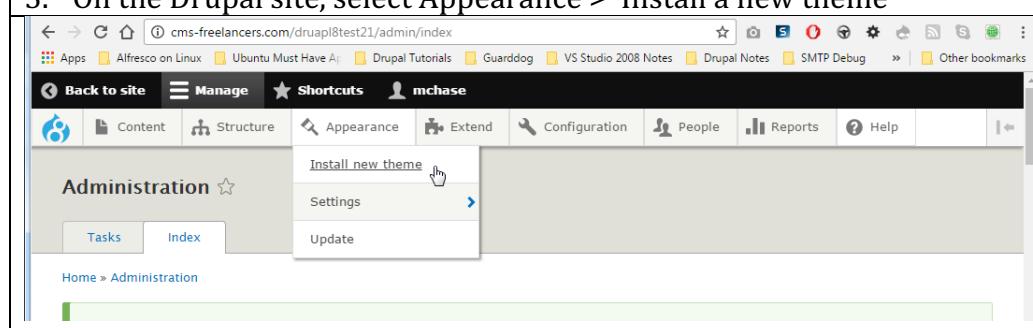
Theme Project Page URL: https://www.drupal.org/project/drupal8_zymphonies_theme

Installing Client-Facing Front End Themes & Setting the default

PLEASE NOTE:

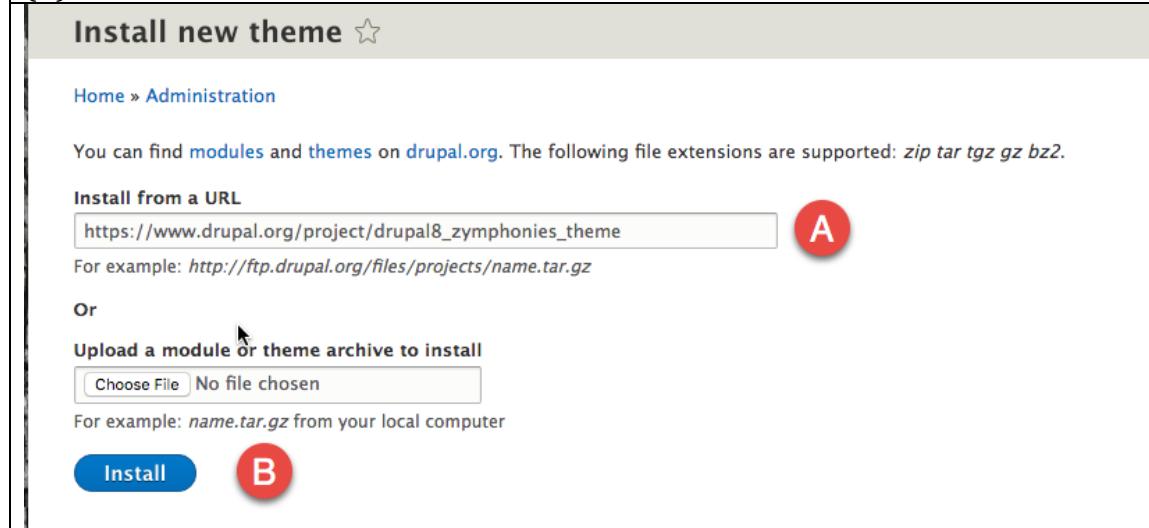
Screen captures refer to a different theme. Please do not install the Custom theme.

Open a web browser and navigate to the theme project page https://www.drupal.org/project/drupal8_zymphonies_theme
1. Scroll down to the Downloads section
2. Select & copy the correct download file path Copy link address
3. On the Drupal site, select Appearance > Install a new theme



On the Install a new theme page:

(A) Paste the download file path into the “Install from a URL” text box
- Verify that the theme is
(B) Press the “Install” button



Install new theme ☆

Home » Administration

You can find [modules](#) and [themes](#) on [drupal.org](#). The following file extensions are supported: `zip tar tgz gz bz2`.

Install from a URL

A

For example: `http://ftp.drupal.org/files/projects/name.tar.gz`

Or

Upload a module or theme archive to install

B

For example: `name.tar.gz` from your local computer

Install

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Upon completion of the install, the success message displays.

(A) Select the **Install newly added themes** link to go to the **Appearance** page

My Drupal 8 Test Site 21

Update manager

✓ Installation was completed successfully.

drupal8_custom_theme

- Installed drupal8_custom_theme successfully

Next steps

- [Install newly added themes](#) A

On the Appearance page, scroll down to the Uninstalled themes section and select the “install and set as default” link

The screenshot shows the 'Uninstalled themes' section of the Appearance page. It lists three themes: 'Bootstrap 3 for Drupal', 'Business Responsive Theme 8.x-1.0', and 'Industrial Zymphonies Theme 8.x-2.0'. Each theme card includes an 'Install' and 'Install and set as default' link at the bottom. Red arrows point to each of these links.

The selected theme is now at the top of the Appearance page and is listed as the default theme

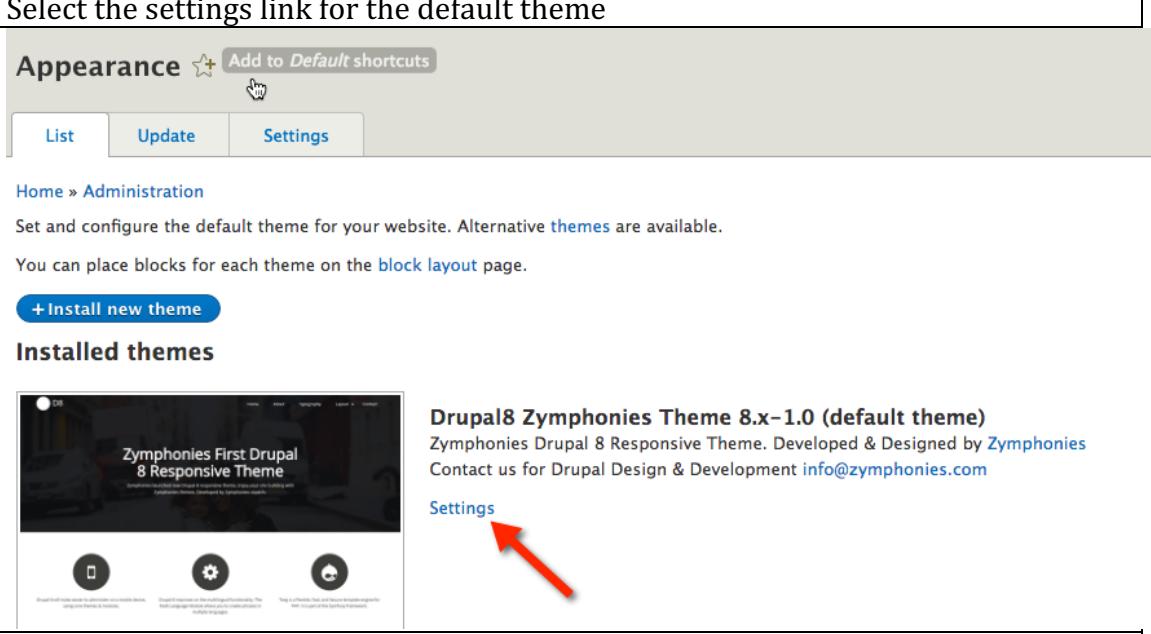
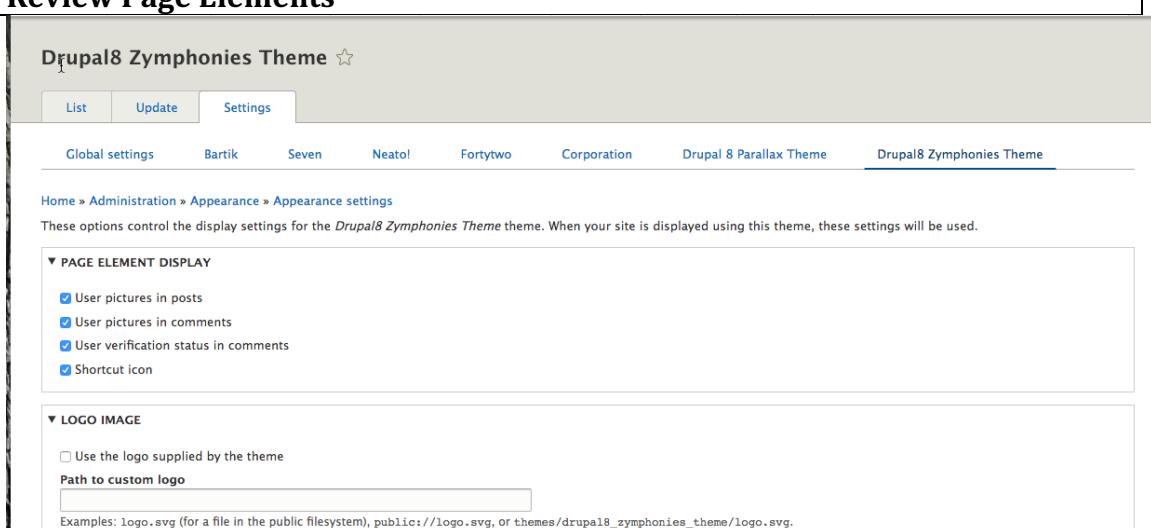
The screenshot shows the 'Installed themes' section of the Appearance page. At the top, it displays the theme 'Drupal8 Zymphonies Theme 8.x-1.0 (default theme)'. Below this, it provides a brief description: 'Zymphonies Drupal 8 Responsive Theme. Developed & Designed by Zymphonies. Contact us for Drupal Design & Development info@zymphonies.com'. A large red arrow points to the theme name 'Drupal8 Zymphonies Theme 8.x-1.0 (default theme)'.

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Configuring the default Client-Facing Front End Theme

Themes must be set as the default theme to display on the site.

To set the theme as the default theme:

Open the Appearance page
Select the settings link for the default theme
 A screenshot of the Drupal 8 Appearance page. At the top, there's a navigation bar with 'Appearance' and 'Add to Default shortcuts'. Below it are three buttons: 'List', 'Update', and 'Settings'. The 'Settings' button is highlighted with a red arrow pointing to it. The main content area shows a preview of the 'Zymphonies First Drupal 8 Theme' and a 'Settings' link. A large red arrow points from the 'Settings' link on the Appearance page to the 'Settings' link on the theme configuration page. <p>Appearance ★ Add to Default shortcuts</p> <p>List Update Settings</p> <p>Home » Administration</p> <p>Set and configure the default theme for your website. Alternative themes are available.</p> <p>You can place blocks for each theme on the block layout page.</p> <p>+ Install new theme</p> <p>Installed themes</p> <p>Drupal8 Zymphonies Theme 8.x-1.0 (default theme) Zymphonies Drupal 8 Responsive Theme. Developed & Designed by Zymphonies Contact us for Drupal Design & Development info@zymphonies.com</p> <p>Settings</p>
Review Page Elements
 A screenshot of the 'Drupal8 Zymphonies Theme' settings page. At the top, there's a navigation bar with the theme name and 'Add to Default shortcuts'. Below it are four buttons: 'List', 'Update', 'Settings', and 'Global settings'. The 'Settings' button is highlighted with a red arrow pointing to it. The main content area shows a breadcrumb trail: Home » Administration » Appearance » Appearance settings. It says these options control the display settings for the theme. There are two sections: 'PAGE ELEMENT DISPLAY' and 'LOGO IMAGE'. <p>Drupal8 Zymphonies Theme ★</p> <p>List Update Settings Global settings Bartik Seven Neatol Fortytwo Corporation Drupal 8 Parallax Theme Drupal8 Zymphonies Theme</p> <p>Home » Administration » Appearance » Appearance settings</p> <p>These options control the display settings for the <i>Drupal8 Zymphonies Theme</i> theme. When your site is displayed using this theme, these settings will be used.</p> <p>▼ PAGE ELEMENT DISPLAY</p> <p><input checked="" type="checkbox"/> User pictures in posts <input checked="" type="checkbox"/> User pictures in comments <input checked="" type="checkbox"/> User verification status in comments <input checked="" type="checkbox"/> Shortcut icon</p> <p>▼ LOGO IMAGE</p> <p><input type="checkbox"/> Use the logo supplied by the theme Path to custom logo <input type="text"/> Examples: logo.svg (for a file in the public filesystem), public://logo.svg, or themes/drupal8_zymphonies_theme/logo.svg.</p>

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Review social media link settings

▼ SOCIAL MEDIA LINK

Show Social Icons
Show/Hide social media links

Facebook Link

Google plus Link

Twitter Link

LinkedIn Link

Pinterest Link

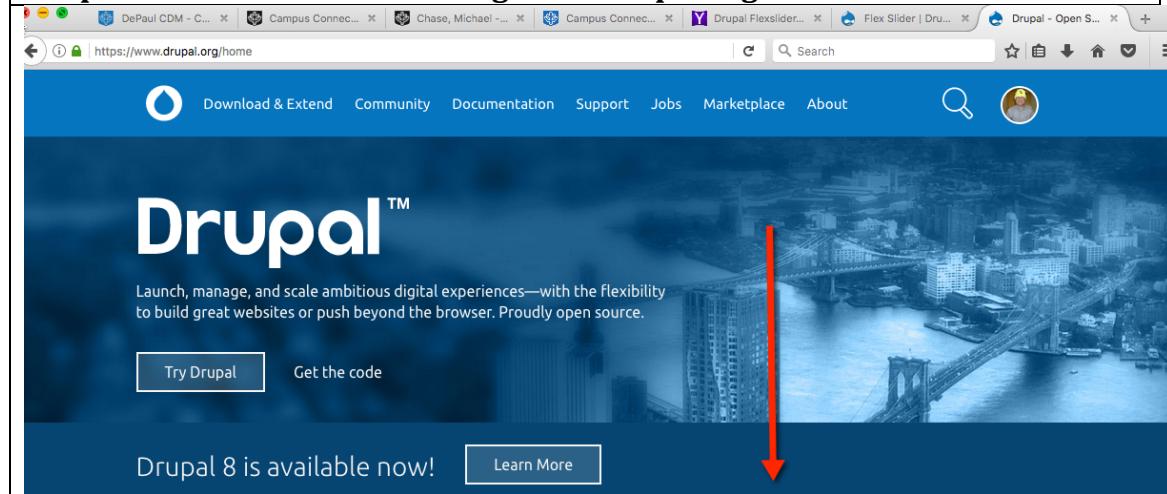
RSS Link

► FOOTER CREDIT LINK

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Independent Exercise 3.3 – Search for Drupal 8 themes on Drupal.org

1. Open a web browser and navigate to Drupal.org



2. Scroll to the bottom footer and select Themes

More case studies

Drupal is powered by an open source community

Get involved

106,431 users actively contributing

2,271 commits in the last week

4,791 comments in the last week

News

Community

Documentation

Download & Extend

About

Planet Drupal

Getting involved

Drupal 8 docs

Drupal core

Web accessibility

Social media directory

Services, Training &

Drupal 7 docs

Modules

The Drupal Association

Security

Hosting

Developer docs

Themes

About Drupal.org

announcements

Groups & Meetups

api.drupal.org

Jobs

DrupalCon

Distributions

Terms of service

Code of conduct

Privacy policy

Drupal is a registered trademark of Dries Buytaert.

Restrict your search to only Drupal 8 themes, by setting Core compatibility to 8.x

The screenshot shows the 'Download & Extend' section of the Drupal.org website under the 'Themes' tab. A red circle labeled '3' highlights the 'Core compatibility' dropdown set to '8.x'. A red circle labeled '4' highlights the green 'Search' button.

2,439 Themes match your search

Maintenance status: - Any -
 Development status: - Any -
Core compatibility: 8.x (highlighted with a red circle labeled '3')
 Status: Full projects
 Search Themes:
 Sort by: Most installed
Search (highlighted with a red circle labeled '4')

Themes allow you to change the look and feel of your Drupal site. You can use themes contributed by others or create your own to share with the community. Contributed themes are not part of any official release and may not have optimized code/functionality for your purposes.

Scroll down and find **Nexus** Theme

The screenshot shows the 'Download & Extend' section of the Drupal.org website under the 'Themes' tab. A yellow box highlights the text '191 Themes match your search'. A red arrow points from this text down to the 'Nexus' theme card.

191 Themes match your search

Maintenance status: - Any -
 Development status: - Any -
 Core compatibility: 8.x
 Status: Full projects
 Search Themes:
 Sort by: Most installed
Search

Themes allow you to change the look and feel of your Drupal site. You can use themes contributed by others or create your own to share with the community. Contributed themes are not part of any official release and may not have optimized code/functionality for your purposes. You can also create a sub-theme of an existing theme. A sub-theme inherits a parent theme's resources. [Read more about Sub-theme structure and inheritance](#). You can also [view a full index](#).

Maybe the Grass
Drupal
Advertising helps build a success around Drupal.

New Themes

- [True Admin](#)
- [Bridge](#)
- [News Zymphonies Theme](#)
- [Showcase Lite](#)

Select the Nexus Theme image to navigate to the Nexus Theme Project page. Once there, copy the correct download file path and install the Nexus Theme and make it your site's default theme

Nexus Theme

Posted by [devsaran](#) on September 4, 2013 at 2:06pm

Nexus theme is an elegant and flat responsive Drupal theme design by Devsaran. This theme could easily be used for a blog, small business, portfolio or a variety of other websites. The theme was designed using flat elements for the header, navigation, buttons and more. This sharp design is elegant, modern and functional. The clean elements are easy for users to understand and make navigating your website a pleasure.

Features

- **Responsive, Mobile-Friendly Theme**
- Simple, Minimal and Clean Design
- 1-column and 2-columns layout
- Mobile support (Smartphone, Tablet, Android, iPhone, etc)
- Flex Image Slideshow with Caption (Customizable)
- Multi-level drop-down menus (Multilingual menu)
- **HTML5 & super clean markup**
- A total of **12 block regions**
- Drupal standards compliant and Supported standard theme features
- Google Font and nice typography
- Ideal for business, company and portfolio sites
- Detailed CSS rules for Typography, Forms Elements, Node Teaser, Comments, etc.

Like this? Have a look at our [Free Themes](#).



Independent Exercise 3.4 – Find and Install New Drupal 8 Front End Themes

Repeat the Drupal 8 Theme search. Find install and test two different themes. Be careful and do not select Administration themes.

Hint: Last time I tried to install “Adaptive Themes” it did not list on my Themes page,

Part 4 - Contributed Modules + Custom Content Types

Extending the Drupal Site Functionality through Contrib. Modules

Contributed (contrib.) modules extend Drupal by adding additional functionality. How they do that depends on the module. Each module extends Drupal differently, but there are patterns we will explore in this training session.

- (1) Adding a field Formatter to the system so we can make Google Maps
- (3) Adding an entire new Content type, fields and all so we can make FAQs

Simple Google Maps Module:

This module is about the simplest way to get a Google Map, and/or a link to a Google Map, displayed with your content. It provides a field formatter for Drupal plain text fields (it can also be used on Computed Fields module fields). You enter an address that Google Maps can recognize in the field, and the formatter displays it as a dynamic map, a static map (without the ability to zoom/pan etc.), a link to Google Maps, or some combination.

One of the best attributes of the Simple Google Maps module is that you can use it without installing additional modules. Plus, you do not need a Google API key.

Simple Google Maps

[View](#) [Version control](#) [Automated testing](#)

Posted by [jhodgdon](#) on 23 January 2012

This module is about the simplest way to get a Google Map, and/or a link to a Google Map, displayed with your content. It provides a field formatter for Drupal plain text fields (it can also be used on Computed Fields module fields). You enter an address that Google Maps can recognize in the field, and the formatter displays it as a dynamic map, a static map (without the ability to zoom/pan etc.), a link to Google Maps, or some combination.

If you want to do something more complicated than this, such as displaying location fields from multiple nodes on a map, see:
<https://www.drupal.org/project/gmap>

Installation and configuration

1. Install/enable as any other module. **No additional downloads are required, and you don't need a Google Maps API key.**
2. Add a plain Text field to your content type, taxonomy vocabulary, user accounts, comment type, or whatever. (Fields from the Computed Fields contributed module are also supported.) You probably should add some Help text to the field to explain that a one-line address that Google Maps can recognize needs to be entered, and that the output will be formatted with a map (or a link or both, depending on how you are using this field).

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The Simple Google Map module extends Drupal by adding a Filed Formatter. To take advantage of the extension, we will create a new Content Type, named “GMap Test”. We will add a new text field to the content type structure named “Address”. After creating the Address filed, we will change its filed formatter, form text, to Simple Google Map one line address. What this does, is when we create a node of “GMap Test”, add a single line address in the Address field, it will be displayed as a Google map on the page.

High level Overview: <http://cms-freelancers.com/druapl8test21>

3. Install the **Simple Google Map Module**
4. Create new content type (template) named “**GMap Test**”
 - a. Configure the structure to use menu options, not front page display
5. Add a new filed to the content type named Address as a text field
6. In the Manage Display TAB, set Address Field Formatter to Simple Google Map One line Address
7. Create 1 node of type “**GMap Test**”, named “**My GMap Test**”

1. Find and install the “ Simple Google Maps Module ” <ol style="list-style-type: none">a. https://www.drupal.org/project/simple_gmap
2. Recommend download is 8.x Stable release (3-27-2017 was 8.x-1.2)



Stable releases for this project are covered by the [security advisory policy](#). Look for the shield icon below.

Downloads

Version	Download	Date
8.x-1.2	tar.gz (11.18 KB) zip (13.52 KB)	2017-Jan-27
7.x-1.4	tar.gz (10.95 KB) zip (12.22 KB)	2017-Jan-27

Development releases

8.x-1.x-dev	tar.gz (11.15 KB) zip (13.49 KB)	2017-Feb-13
7.x-1.x-dev	tar.gz (10.95 KB) zip (12.22 KB)	2016-Dec-22

[View all releases](#)

3. Copy the appropriate download link path.
Right click and select “Copy link address”
4. On the Drupal site, select the Extend > Install a new module
5. Paste the file path into the “Install from” a URL text box
6. Verify that the module path and the Drupal version are correct
7. Press the “Install” button

The screenshot shows the 'Install new module' page. At the top, there is a title bar with the text 'Install new module' and a star icon. Below the title, the breadcrumb navigation shows 'Home » Administration » Extend'. A note states: 'You can find modules and themes on drupal.org. The following file extensions are supported: zip tar tgz gz bz2.' There are two main sections for module installation: 'Install from a URL' and 'Upload a module or theme archive to install'. In the 'Install from a URL' section, a text input field contains the URL 'https://ftp.drupal.org/files/projects/simple_gmap-8.x-1.2.tar.gz' and a green star icon is positioned next to it. Below this, a note says 'For example: http://ftp.drupal.org/files/projects/name.tar.gz'. In the 'Upload a module or theme archive to install' section, there is a 'Choose File' button with the text 'No file chosen' and a green star icon. Below this, a note says 'For example: name.tar.gz from your local computer'. At the bottom of the page are two buttons: a blue 'Install' button and a green star icon.

8. Select the Enable newly added modules link

The screenshot shows the 'My Drupal 8 Test Site 21' dashboard. The title 'My Drupal 8 Test Site 21' is at the top. Below it, the heading 'Update manager' is displayed. A green success message box contains the text '✓ Installation was completed successfully.' Underneath, the module 'simple_gmap' is listed with the note 'Installed simple_gmap successfully'. A green star icon is positioned next to the module name. Below this, the heading 'Next steps' is shown, followed by a bulleted list: 'Install another module', 'Enable newly added modules' (with a green star icon), and 'Administration pages'.

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9. To find the Simple Google Map module quickly, enter the word “map” in the Filter text box
10. Enable the Simple Google Maps module (check the checkbox)
11. Press the “Install” button to begin the installation process

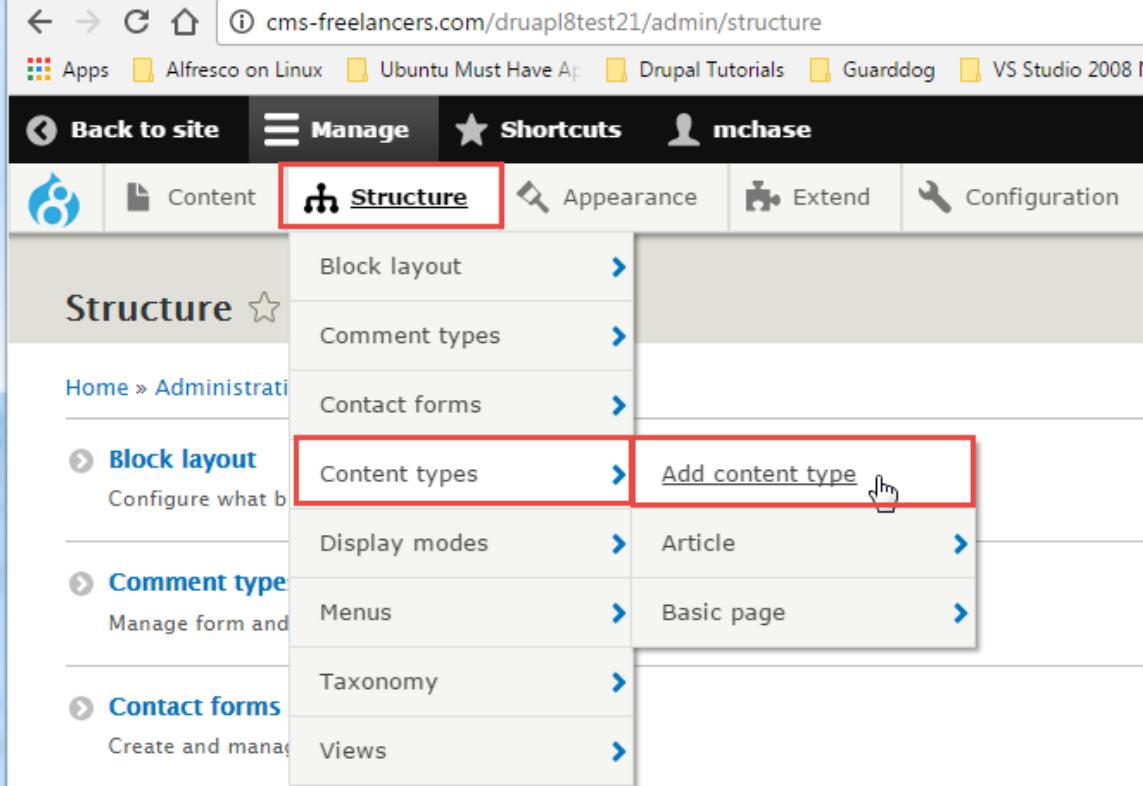
The screenshot shows the Extend page of the Drupal administration interface. At the top, there are three buttons: List, Update, and Uninstall. Below them is a breadcrumb trail: Home > Administration > Extend. A sub-breadcrumb indicates the current section: Download additional contributed modules to extend your site's functionality.

A search bar contains the text "map". A red circle with the number "1" is placed over the search bar. Below the search bar is a placeholder text: "Enter a part of the module name or description".

The page is divided into sections: CORE and FIELD TYPES. Under CORE, the "Responsive Image" module is listed with a description: "Provides an image formatter and breakpoint mappings to output responsive images". A red circle with the number "2" is placed next to the checkbox for "Simple Google Maps".

Under FIELD TYPES, the "Simple Google Maps" module is listed with a description: "Provides a Google Maps link/map formatter for simple Text fields". A red circle with the number "3" is placed next to the "Install" button.

Below the search bar, there is another search bar containing "map". A red circle with the number "4" is placed over this search bar. The rest of the page content is identical to the first screenshot, showing the "Simple Google Maps" module details and its requirements.

14. Create a new content type named “GMap Test”**Structure > Content types > Add content type**

The screenshot shows the Drupal 8 administration interface. The top navigation bar includes links for Back to site, Manage, Shortcuts, and user mchase. Below this is a secondary navigation bar with links for Content, Structure (which is highlighted with a red box), Appearance, Extend, and Configuration. The main content area is titled "Structure" with a star icon. On the left, there's a sidebar with sections for Block layout, Comment type, and Contact forms. The "Block layout" section is expanded, showing "Content types" with a sub-link "Add content type" (also highlighted with a red box). Other items in the "Block layout" list include "Display modes", "Menus", "Taxonomy", and "Views". The "Comment type" and "Contact forms" sections are collapsed.

15. Select “+ Add content type”

The screenshot shows the "Content types" page. At the top, it says "Content types" with a star icon. Below that is a breadcrumb trail: Home > Administration > Structure. In the center, there's a blue button labeled "+ Add content type" with a red arrow pointing to it from the left. Below this button is a table with two rows. The first row has columns for "NAME" and "DESCRIPTION". The second row contains "Article" and "Use *articles* for time-sensitive content like news, press releases or blog posts.". The third row contains "Basic page" and "Use *basic pages* for your static content, such as an 'About us' page.".

NAME	DESCRIPTION
Article	Use <i>articles</i> for time-sensitive content like news, press releases or blog posts.
Basic page	Use <i>basic pages</i> for your static content, such as an 'About us' page.

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16. Enter name and description:

Name: **GMap Test**

Description: A content type to use the Simple google Map module to create Maps.

17. Scroll down to the bottom block settings

Help

Add content type ☆

Home » Administration » Structure » Content types

Individual content types can have different fields, behaviors, and permissions assigned to them.

Name *

GMap Test 1 Machine name: gmap_test [Edit]

The human-readable name of this content type. This text will be displayed as part of the list on the *Add content* page. This name is also used to identify the content type in other parts of the system.

Description

A content type to use the Simple Google Map Module to create Maps 2

This text will be displayed on the *Add new content* page.

Submission form settings:

Also known as the Bottom Block Settings – Sets the template properties for adding new content

Title: Keep default values Title & Preview before submitting

Submission form settings

Title ★

Publishing options
Published , Promoted to front page , Create new revision

Display settings
Display author and date information

Menu settings

Title field label *

Title ★

Preview before submitting

Disabled
 Optional
 Required

Explanation or submission guidelines

This text will be displayed at the top of the page when creating or editing content of this type.

Save and manage fields

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Submission form settings:

publishing options:

Published: Checked

Promoted to front page: NOT CHECKED

Sticky at top of lists: NOT CHECKED

Create new revisions: Checked

This text will be displayed on the *Add new content* page.

Submission form settings Title	Default options  <input checked="" type="checkbox"/> Published  <input type="checkbox"/> Promoted to front page  <input type="checkbox"/> Sticky at top of lists  <input checked="" type="checkbox"/> Create new revision
Publishing options  Published , Create new revision	Users with the <i>Administer content</i> permission will be able to override these options.
Display settings Display author and date information	
Menu settings	
Save and manage fields	

This text will be displayed on the *Add new content* page.

Submission form settings Title	 <input checked="" type="checkbox"/> Display author and date information Author username and publish date will be displayed.
Publishing options Published , Create new revision	
Display settings Display author and date information 	
Menu settings	
Save and manage fields	

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This text will be displayed on the *Add new content page*.

Submission form settings

Title

Publishing options

Published , Create new revision

Display settings

Display author and date information

Menu settings

Available menus

- Administration
- Footer
- Main navigation
- Tools
- User account menu

The menus available to place links in for this content type.

Default parent item

<main>

Choose the menu item to be the default parent for a new link in the content type.

Save and manage fields



Manage fields

Home » Administration » Structure » Content types » Gmap test

The content type *GMap Test* has been added.

+ Add field



LABEL	MACHINE NAME	FIELD TYPE	OPERATIONS
Body	body	Text (formatted, long, with summary)	Edit

See Below (1) There are several types of text fields, Be sure to select Text (plain)

Add field

Home » Administration » Structure » Content types » Gmap test » Manage fields

Add a new field

Text (plain) 1

Re-use an existing field

– Select an existing field –

Label *

Address 2 Machine name: field_address [Edit]

Save and continue 3

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Address ☆

[Edit](#) [Field settings](#)

Home » Administration » Structure » Content types » Gmap test » Manage fields » Address

These settings apply to the *Address* field everywhere it is used. These settings impact the way that data is saved and changed once data has been created.

Maximum length*
255
The maximum length of the field in characters.

Allowed number of values
Limited ▾ 1

Save field settings 

Address settings for GMap Test ☆

[Edit](#) [Field settings](#)

Home » Administration » Structure » Content types » Gmap test » Manage fields

✓ Updated field *Address* field settings.

Label*
Address 

Help text
Enter in a single line address. 

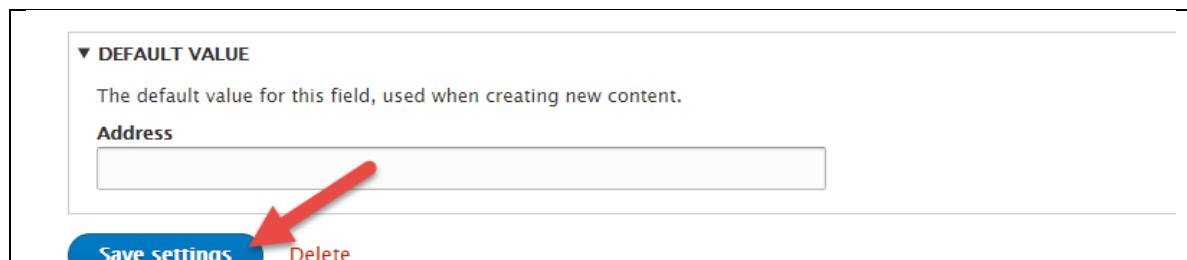
Instructions to present to the user below this field on the editing form.
Allowed HTML tags: <a> <big> <code> <i> <ins> <pre> <q> <small> <sub> <sup> <tt> <p>

This field supports tokens.

 Required field 

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The screenshot shows the 'Manage fields' interface for a content type named 'Gmap test'. At the top, there is a 'DEFAULT VALUE' section with a text input field labeled 'Address'. Below it are two buttons: 'Save settings' (blue) and 'Delete' (red). A red arrow points from the text input field towards the 'Delete' button.

Manage fields

Address

Save settings Delete

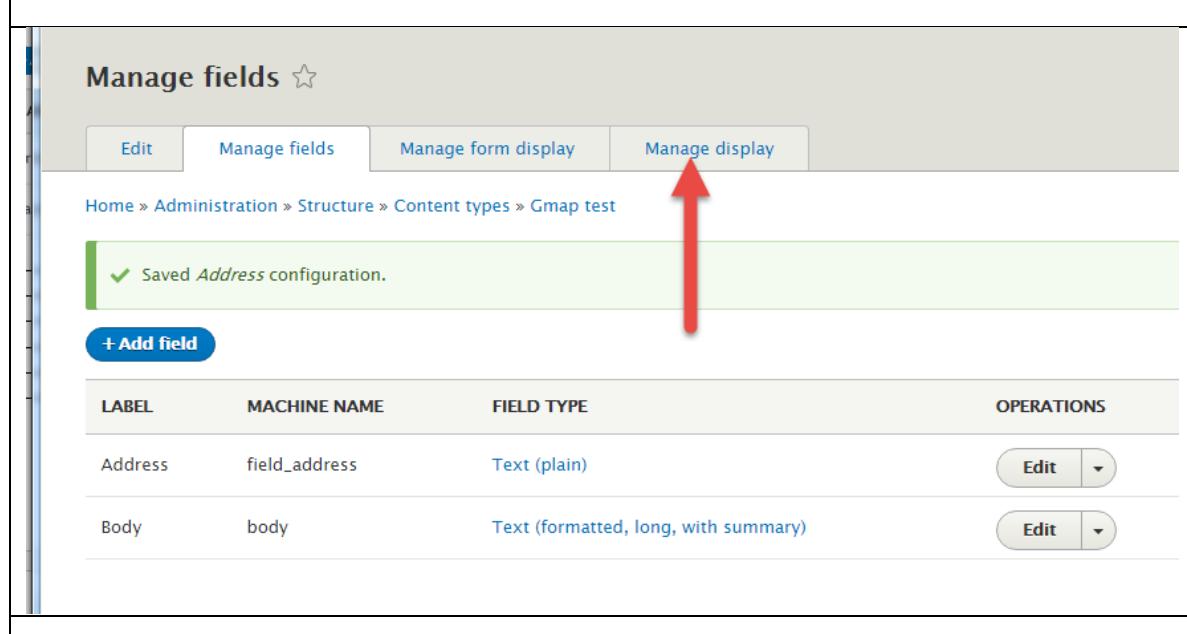
Manage display

Home » Administration » Structure » Content types » Gmap test

Saved Address configuration.

+ Add field

LABEL	MACHINE NAME	FIELD TYPE	OPERATIONS
Address	field_address	Text (plain)	Edit
Body	body	Text (formatted, long, with summary)	Edit



The screenshot shows the 'Manage display' interface for the 'Gmap test' content type. It has tabs for 'Edit', 'Manage fields', 'Manage form display', and 'Manage display'. The 'Manage display' tab is active. Below it, there are tabs for 'Default' and 'Teaser', with 'Default' being the active one. A red arrow points upwards from the 'Manage display' tab towards the 'Default' tab.

Manage display

Default Teaser

Home » Administration » Structure » Content types » Gmap test

Content items can be displayed using different view modes: Teaser, Full content, Print, RSS, etc. *Teaser* is a short format that is typically used in lists of multiple content items. *Full content* is typically used when the content is displayed on its own page.

Here, you can define which fields are shown and hidden when *Gmap Test* content is displayed in each view mode, and define how the fields are displayed in each view mode.

Show row weights

FIELD	LABEL	FORMAT
Links		Visible
Body	- Hidden -	Default
Address	Above	Plain text

Disabled

A red arrow points from the 'Plain text' dropdown menu towards the bottom right corner of the table.

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Screenshot of the "Manage display" interface for the "Gmap test" content type in Drupal 8.

The interface shows two view modes: "Default" and "Teaser". The "Default" mode is currently selected.

Content items can be displayed using different view modes: Teaser, Full content, Print, RSS, etc. **Teaser** is a short format that is typically used in lists of multiple content items. **Full content** is typically used when the content is displayed on its own page.

Here, you can define which fields are shown and hidden when *GMap Test* content is displayed in each view mode, and define how the fields are displayed in each view mode.

Show row weights

FIELD	LABEL	FORMAT
Links		Visible
Body	- Hidden -	Default
Address	Above	Plain text Plain text Google Map from one-line address - Hidden -
Disabled		

No field is hidden.

Show row weights

FIELD	LABEL	FORMAT
Links		Visible
Body	- Hidden -	Default
Address	Above	Google Map from one-line address
Disabled		

Dynamic map: 200 x 200
Map Type: Map
Zoom Level: 14
Language: en



CUSTOM DISPLAY SETTINGS

Save

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The screenshot shows the configuration interface for the 'Address' field. At the top, there's a dropdown menu set to 'Above'. Below it, the 'Format settings' are defined as 'Google Map from one-line address'. Under the heading 'Embedded map', there are two checkboxes: 'Include embedded dynamic map' (checked) and 'Include embedded static map' (unchecked). A red box highlights the 'Width of embedded map' input field containing '100%' and a green box highlights the 'Change from 200 to 100%' button. A note below states: 'You can set sizes in px or percent (ex: 600px or 100%). Note that static maps only accept the suffix px (ex: 600).'. The 'Height of embedded map' input field contains '200'. Another note below it says: 'You can set sizes in px or percent (ex: 600px or 100%). Note that static maps only accept the suffix px (ex: 600).'. Under 'General settings', there are sections for 'Zoom level' (set to '14 - Default'), 'Include original address text' (unchecked), 'Map type' (set to 'Map'), and 'Language' (set to 'en'). A red arrow points to the blue 'Update' button. Below this, a section titled 'Disabled' shows the current display settings for other fields: 'Links' is visible, 'Body' is hidden, and 'Address' is above the 'Google Map from one-line address' format. To the right of the 'Address' settings, there's a note: 'Dynamic map: 100% x 200', 'Map Type: Map', 'Zoom Level: 14', and 'Language: en'. A gear icon is also present. At the bottom, there's a 'CUSTOM DISPLAY SETTINGS' link and a blue 'Save' button with a red arrow pointing to it.

Frequently Asked Questions Module – Extends by adding a new FAQ Content type

High-level Overview:

1. Install Frequently Asked Questions **Module**
2. Enable the Frequently Asked Questions Module
3. Permission the Frequently Asked Questions Module so all users can see it
4. Configure the Frequently Asked Questions Module so it uses the accordion effect
5. Installing the Frequently Asked Questions Module adds a new FAQ content type to the system
6. Create 3 FAQ nodes – with questions and answers
7. Create a new main menu item to display an aggregate of the FAQ nodes

Frequently Asked Questions module:

1. Find, download, install, and enable the FAQ
2. Permission FAQ so all roles can see it
3. Create 1 FAQ node as a class.
 - a. use the provided asset content for FAQ Q & A
 - b. **Do not promoted to FAQ nodes to the front page**
4. Create menu item for **/faq-page**
 - a. FAQ module already has a path to a view that aggregates the FAQ nodes

Find, download, install the FAQ module

<https://www.drupal.org/project/faq>

The screenshot shows the Drupal project page for the 'FAQ' module. At the top, there's a blue header bar with the word 'Drupal' in white. Below the header, there's a navigation bar with tabs: 'Drupal Core', 'Distributions', 'Modules' (which is highlighted), and 'Themes'. The main content area has a title 'Frequently Asked Questions' with a 'View' button. Below the title, there's a paragraph of text about the module's purpose and how it's generated from FAQ nodes. There's also a section titled 'Features' with a paragraph of text about layout customization. On the right side, there's a sidebar with a 'Maintain' section showing recent activity from users like 'sumitmada' and 'podarok'. There's also a 'Issues' section.

Find, download, install the FAQ module

<https://www.drupal.org/project/faq>

Drupal™

Download & Extend

Drupal Core Distributions Modules Themes

Frequently Asked Questions

View Version control Automated testing

Posted by stella on May 2, 2006 at 3:57pm

The Frequently Asked Questions (faq) module allows users, with appropriate permissions, to create question and answer pairs which they want displayed on the 'faq' page. The 'faq' page is automatically generated from the FAQ nodes configured. Basic Views layouts are also provided and can be customised via the Views UI (rather than via the module settings page).

Features

The layout of the FAQ page can be modified on the settings page. There are four question and answer layouts to choose from. In addition, if the 'Taxonomy' module is enabled, it is possible to put the questions into different categories when editing. Users will need the 'view faq page' permission to view the built-in 'faq' page and will need the 'administer faq' permission to configure the layout, etc.

There are 3 blocks included in this module. The first shows a list of FAQ categories. The other two can show a configurable number of FAQs – one shows recent FAQs, while the other just displays random ones.

Maintain

Asked 0

sumitmada last: 8 mon

podarok – last: 2 year

sudev.pra last: 2 year

stella – 55 last: 4 year

FatGuyLau last: 5 year

View all comments

Issues

1

Questio

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 Stable releases for this project are covered by the [security advisory policy](#).
Look for the shield icon below.

Downloads

This module has not been ported to Drupal 8. Refer to this [issue](#) to find out its progress.

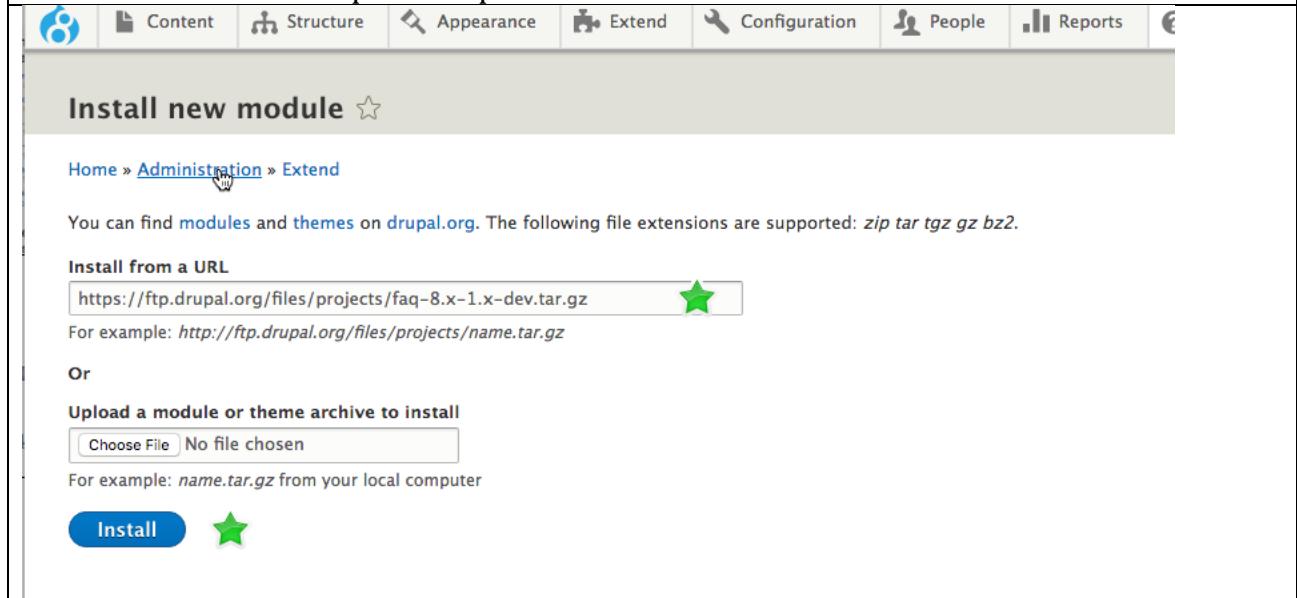
Version	Download	Date
7.x-2.0-alpha2	tar.gz (39.87 KB) zip (58.23 KB)	2014-Sep-10
7.x-1.1 	tar.gz (41.3 KB) zip (57.26 KB)	2015-Sep-08

Development releases

8.x-1.x-dev	tar.gz (31.95 KB) zip (57.22 KB)	2016-Jul-20
7.x-2.x-dev	tar.gz (39.74 KB) zip (58.03 KB)	2014-Nov-09
7.x-1.x-dev	tar.gz (41.31 KB) zip (57.27 KB)	2015-Sep-08

[View all releases](#)

Extend > Install new module
Paste the Download file path and press the “Install” button



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faq installed successfully

My Drupal 8 Test Site 21

Update manager

Installation was completed successfully.

faq

- Installed *faq* successfully

Next steps

- [Install another module](#)
- [Enable newly added modules](#)
- [Administration pages](#)

Enable (install) the Module on the Extends (module) page
Filter the list, entering “faq”
Enable (check) the Frequently asked questions module check box
Press the Install button

Extend

List Update Uninstall

Home » Administration

Cron ran successfully.

Download additional [contributed modules](#) to extend your site's functionality.
Regularly review and install [available updates](#) to maintain a secure and current site. Always run the [update script](#) each time a module is updated.

[+ Install new module](#)

faq
Enter a part of the module name or description

Frequently Asked Questions ► Manages configuration of questions for a FAQ page.

Install

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Back on the Extends (module) page, re-filter with “faq” and expand the Frequently asked questions module description to check for Permissions and Configuration links

The screenshot shows the Extend page of the Drupal administration interface. At the top, there are buttons for List, Update, and Uninstall. Below that, the breadcrumb navigation shows Home > Administration. A green success message indicates that the 'Frequently Asked Questions' module has been enabled. A note encourages downloading contributed modules and regularly reviewing available updates. A search bar contains the term 'faq'. The 'FAQ' section is expanded, showing the module's details: Machine name: faq, Version: 8.x-1.x-dev, Requires: Node,Text,Field,Filter,User,System. It includes links for Help, Permissions, and Configure. Two red circles, labeled A and B, point to the 'Permissions' link and the 'Configure' link respectively. At the bottom, there is an 'Install' button.

FAQ does require Permissions – we want Anonymous, Authenticated and Administrator users to see the FAQ website page.

Select the Permissions link.

This will transfer you to the People > Permissions page, just below the Frequently Asked Questions section title. Scroll up a bit, to until you see “Frequently Asked Questions”.

The screenshot shows the Permissions page for the 'Frequently Asked Questions' module. The top navigation bar includes Back to site, Manage, Shortcuts, and a user icon. Below the navigation, there are tabs for Content, Structure, Appearance, Extend, Configuration, People, Reports, and Help. The main content area is titled 'Frequently Asked Questions' and lists three permissions:

PERMISSION	ANONYMOUS USER	AUTHENTICATED USER	ADMINISTRATOR
Administer FAQ module <small>Warning: Give to trusted roles only; this permission has security implications. Allows user to administer FAQ module settings.</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Administer FAQ order <small>Warning: Give to trusted roles only; this permission has security implications. Allows user to order FAQ entities.</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
View FAQ pages <small>Warning: Give to trusted roles only; this permission has security implications. Allows user to view FAQ pages.</small>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Below the permissions, there is a section for 'Image'.

(SEE ABOVE)
The FAQ permission item we are interested in is the “View FAQ pages”
We want all current roles to be able to see the FAQ page.

1. Check ANONOMOUS USER

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2. Check AUTHENTICATED USER
3. Scroll down to the bottom of the Permissions page
4. Press the “Save permissions” button

PERMISSION	ANONYMOUS USER	AUTHENTICATED USER	ADMINISTRATOR
Frequently Asked Questions			
Administer FAQ module <i>Warning: Give to trusted roles only; this permission has security implications.</i> Allows user to administer FAQ module settings.			
Administer FAQ order <i>Warning: Give to trusted roles only; this permission has security implications.</i> Allows user to order FAQ entities.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
View FAQ pages <i>Warning: Give to trusted roles only; this permission has security implications.</i> Allows user to view FAQ pages.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
view user information	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Views UI			
Administer views <i>Warning: Give to trusted roles only; this permission has security implications.</i>			
Save permissions	4		

Back on the Extend (modules) page, filter for “faq”

open the Module description

Select the Configuration link

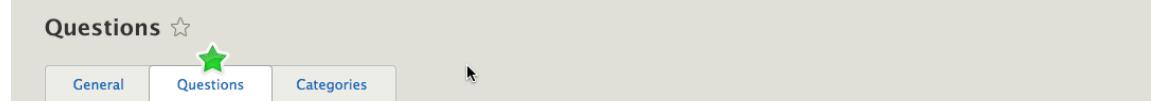
Select the Questions TAB

The screenshot shows the 'General' configuration page for the FAQ module. At the top, there are three tabs: 'General' (selected), 'Questions' (highlighted with a red arrow), and 'Categories'. Below the tabs, the breadcrumb navigation shows: Home > Administration > Configuration > Content authoring. The 'FAQ Description' field contains the placeholder text: 'Your FAQ description. This will be placed at the top of the page, above the questions and can serve as an introductory text.' There is a checkbox for 'Create custom breadcrumbs for the FAQ' which is checked. A note below it says: 'This option set the breadcrumb path to "Home > Frequently Asked Questions > category trail".' At the bottom, there is a 'Save configuration' button.

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Select Clicking on question opens/hides answer under question.
Scroll down



The screenshot shows the 'Questions' configuration page. At the top, there are three tabs: 'General' (selected), 'Questions' (highlighted with a green star), and 'Categories'. Below the tabs, the breadcrumb navigation shows: Home > Administration > Configuration > Content authoring > General.

Page layout

- Questions inline
- Clicking on question takes user to answer further down the page
- Clicking on question opens/hides answer under question
- Clicking on question opens the answer in a new page

This controls how the questions and answers are displayed on the page and what happens when someone clicks on the question.

MISCELLANEOUS LAYOUT SETTINGS

Questions listing style

Unordered list ▾

This allows to select how the questions listing is presented. It only applies to the layouts: 'Clicking on question takes user to answer further down the page' and 'Clicking on question opens the answer in a new page'. An ordered listing would number the questions, whereas an unordered list will have a bullet to the left of each question.

Label questions and answers

This option is only valid for the "Questions Inline" and "Clicking on question takes user to answer further down the page" layouts. It labels all questions on the faq page with the "question label" setting and all answers with the "answer label" setting. For example these could be set to "Q:" and "A:".

Question Label

Select Use accordion effect for "opens/hides answer under question" layout
Scroll down and Save configuration

MISCELLANEOUS LAYOUT SETTINGS

Questions listing style

Unordered list ▾

This allows to select how the questions listing is presented. It only applies to the layouts: 'Clicking on question takes user to answer further down the page' and 'Clicking on question opens the answer in a new page'. An ordered listing would number the questions, whereas an unordered list will have a bullet to the left of each question.

Label questions and answers

This option is only valid for the "Questions Inline" and "Clicking on question takes user to answer further down the page" layouts. It labels all questions on the faq page with the "question label" setting and all answers with the "answer label" setting. For example these could be set to "Q:" and "A:".

Question Label

Q:

The label to pre-pend to the question text in the "Questions Inline" layout if labelling is enabled.

Answer Label

A:

The label to pre-pend to the answer text in the "Questions Inline" layout if labelling is enabled.

Question length

Display longer text

Display short text

Display both short and long questions

The length of question text to display on the FAQ page. The short question will always be displayed in the FAQ blocks.

Allow long question text to be configured

Use accordion effect for "opens/hides answer under question" layout

This enables an "accordion" style effect where when a question is clicked, the answer appears beneath, and is then hidden when another question is opened.

Show "expand / collapse all" links for collapsed questions

The links will only be displayed if using the "opens/hides answer under question" or "opens/hides questions and answers under category" layouts.

Use answer teaser

This enables the display of the answer teaser text instead of the full answer when using the 'Questions inline' or 'Clicking on question takes user to answer further down the page' display options. This is useful when you have long descriptive text. The user can see the full answer by clicking on the question.

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Show "expand / collapse all" links for collapsed questions
The links will only be displayed if using the "opens/hides answer under question" or "opens/hides questions and answers under category" layouts.

Use answer teaser
This enables the display of the answer teaser text instead of the full answer when using the 'Questions inline' or 'Clicking on question takes user to answer the page' display options. This is useful when you have long descriptive text. The user can see the full answer by clicking on the question.

"Back to Top" link text

This allows the user to change the text displayed for the links which return the user to the top of the page on certain page layouts. Defaults to "Back to Top" have no link.

Disable question links to nodes
This allows the user to prevent the questions being links to the faq node in all layouts except "Clicking on question opens the answer in a new page".

Default sorting for unordered FAQs

This controls the default ordering behaviour for new FAQ nodes which haven't been assigned a position.

Save configuration 

We now have an FAQ that is properly permissioned and configured.
What comes next is creating FAQ nodes. One for each question and answer.
After that we make a main menu item that will display an aggregate of the FAQ nodes on one page.

Create FAQ Nodes

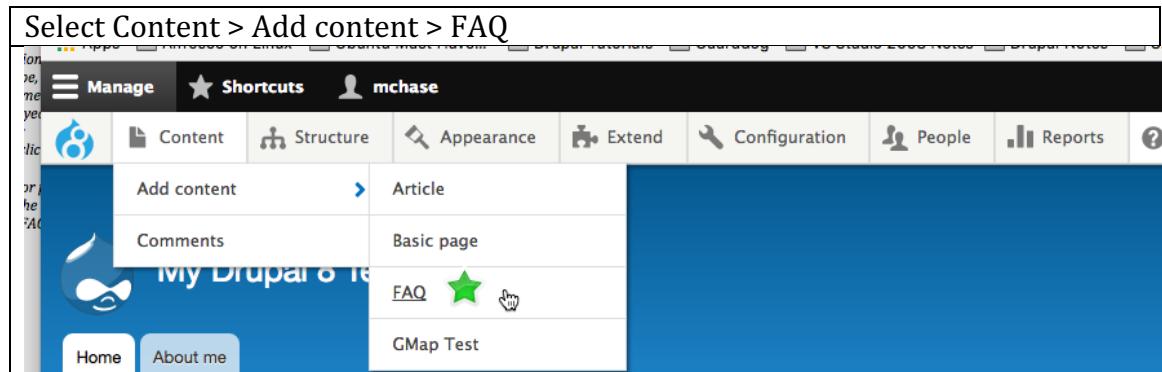
In this part we will create one (1) FAQ node. The Frequently Asked Questions module extends Drupal by adding a new content type named FAQ. The content type, is similar to Basic page, except that the Frequently Asked Questions module also comes with its own VIEW. The view has the path "faq-page". This view path, when displayed as menu item page, aggregates the FAQ nodes on one page. Combine that with our configuration changes to use the accordion effects, and we will have one slick looking FAQ page.

In order to make this work, we need to remember not to set a menu item or promote any FAQ nodes to the front page. The view will take care of aggregating the FAQ nodes on the display. We only need to list 1 link to "/faq-page" to display all the FAQ nodes as one FAQ page with accordion view.

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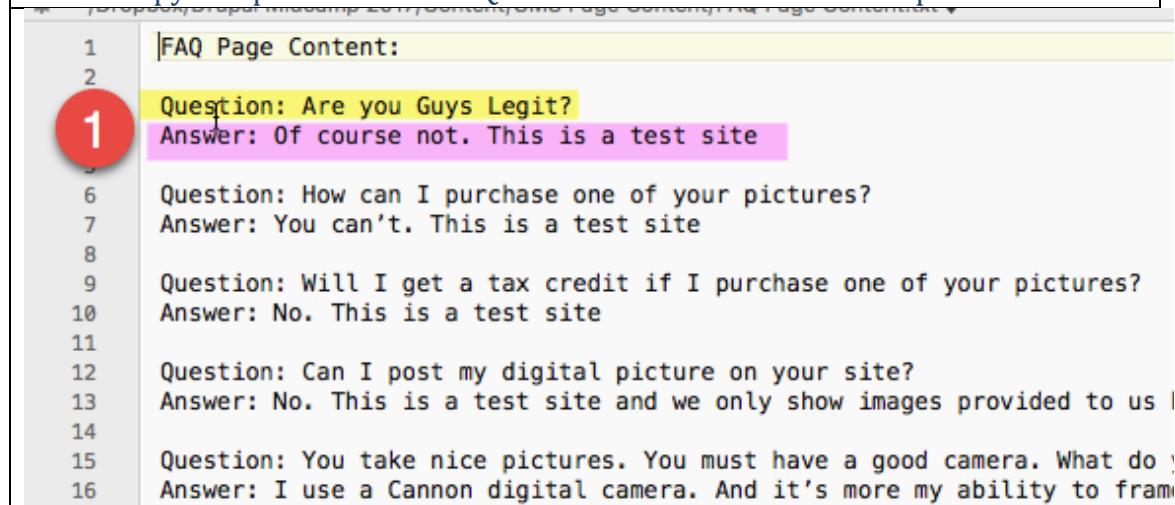
Create FAQ Nodes

Select Content > Add content > FAQ



The screenshot shows the Drupal 8 admin bar with 'Manage', 'Shortcuts', and user info. Below it is a sidebar with 'Home' and 'About me'. A modal window is open over the page, showing the 'Add content' dropdown. The 'FAQ' option is highlighted with a green star icon.

Open the Asset "FAQ Page Content.txt" file in an ASCII Editor
Do not copy and paste the words Question: and Answer: into Drupal



1 FAQ Page Content:
2
3 Question: Are you Guys Legit?
4 Answer: Of course not. This is a test site
5
6 Question: How can I purchase one of your pictures?
7 Answer: You can't. This is a test site
8
9 Question: Will I get a tax credit if I purchase one of your pictures?
10 Answer: No. This is a test site
11
12 Question: Can I post my digital picture on your site?
13 Answer: No. This is a test site and we only show images provided to us by our photographers.
14
15 Question: You take nice pictures. You must have a good camera. What do you use?
16 Answer: I use a Cannon digital camera. And it's more my ability to frame the subjects.

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- Complete the FAQ Content Type template
- (A) Title: The questions
- (B) Detailed question: The question
- (C) Body: The answer
- (D) Do not check Provide menu link (should be un-checked by default)
- (E) Do not check any PROMOTION OPTIONS
- Promote to front page is checked by default, so un-check it.**
- (F) Press “Save and publish”**

Create FAQ ★

Home » Add content

Title * A

Detailed Question B

Text format Basic HTML About text formats ⓘ

Body (Edit summary) C

Text format Basic HTML About text formats ⓘ

Last saved: Not saved yet
Author: mchase
 Create new revision
Revision log message
Briefly describe the changes you have made.

▼ MENU SETTINGS
 Provide a menu link

► URL PATH SETTINGS

► AUTHORIZING INFORMATION

▼ PROMOTION OPTIONS
 Promoted to front page
 Sticky at top of lists

Save and publish F

Preview

Independent Exercise 4.1 – Create 3 additional nodes of Content type FAQ

- use asset content file “FAQ Page Content.txt” (or create your own Q & A)
- Do not assign these nodes a main menu link
- Do not set these nodes as promoted to front page (**Have to do this every time**)
- Do not set these nodes as sticky on top of lists

Add a link to the FAQ View on the Main Menu

The FAQ content type, is similar to Basic page, except that the Frequently Asked Questions module also comes with its own VIEW. The view has the path “faq-page”. This view path, when displayed as menu item page, aggregates the FAQ nodes on one page. Combine that with our configuration changes to use the accordion effects, and we will have one slick looking FAQ page.

From the Frequently Asked Questions Module Project Page:

This is where the module author informs us that the path for the FAQ node aggregate view is **faq-page**.

If upgrading from Drupal 6 to Drupal 7, note the default path for the faq page has changed from 'faq' to '**faq-page**' so as to allow you to use that path if using one of the Views layouts. If you wish to keep using the 'faq' path for the built-in page, then you can create a url alias to point to it.

Use the new Admin menu extension to go directly to add a link to the Main navigation
Structure > Menu > Main navigation > Add link

The screenshot shows the Drupal 8 Admin menu interface. The user is navigating through the 'Main navigation' structure to add a new link. The path taken is: Structure > Menu > Main navigation > Add link. The 'Add link' option is highlighted with a green star icon. The surrounding menu items include 'Block layout', 'Comment types', 'Contact forms', 'Content types', 'Display modes', 'Menus', 'Taxonomy', 'Views', 'Main navigation', 'Tools', and 'User account menu'. The 'FAQ' module is visible in the sidebar, and the main content area shows a placeholder for a 'Will I get a t' page.

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Fill out the add menu link form:

1. Title: FAQ
2. Link: /faq-page ← This is the path of the FAQ View
3. Description: FAQ
4. Parent Link: <Main navigation>
5. Weight: 10
6. Save

1.

2.

3.

4.

5.

6.

Check out the FAQ Main menu link

The screenshot shows the 'My Drupal 8 Test Site 21' homepage. At the top, there is a navigation bar with links for 'Home', 'About me', and 'FAQ'. On the right side of the header, there are 'My account' and 'Log out' links. Below the header, there is a search bar and a 'Frequently Asked Questions' section. The 'FAQ' tab is highlighted in blue. Under the 'FAQ' tab, there are two questions listed: 'Will I get a tax credit if I purchase one of your pictures?' and 'How can I purchase one of your pictures?'. Both questions have their respective answers below them. A red arrow points to the 'Order' tab in the 'FAQ' section.

My Drupal 8 Test Site 21

Home About me FAQ

Search

Frequently Asked Questions

List Order

[Will I get a tax credit if I purchase one of your pictures?](#)

[How can I purchase one of your pictures?](#)

Submitted by [mchase](#) on Tue, 03/28/2017 - 20:24

You can't. This is a test site

Detailed Question

How can I purchase one of your pictures?

[Back to Top](#)

[Are you Guys Legit?](#)

To Re-Order FAQ Items, select the Order TAB on the FAQ page

The screenshot shows the 'My Drupal 8 Test Site 21' homepage. At the top, there is a navigation bar with links for 'Home', 'About me', and 'FAQ'. On the right side of the header, there are 'My account' and 'Log out' links. Below the header, there is a search bar and a 'Frequently Asked Questions' section. The 'FAQ' tab is highlighted in blue. Under the 'FAQ' tab, there are two questions listed: 'Will I get a tax credit if I purchase one of your pictures?' and 'How can I purchase one of your pictures?'. Both questions have their respective answers below them. A red arrow points to the 'Order' tab in the 'FAQ' section.

My Drupal 8 Test Site 21

Home About me FAQ

Search

Frequently Asked Questions

List Order

[Will I get a tax credit if I purchase one of your pictures?](#)

[How can I purchase one of your pictures?](#)

Submitted by [mchase](#) on Tue, 03/28/2017 - 20:25

No. This is a test site

Detailed Question

Will I get a tax credit if I purchase one of your pictures?

[Back to Top](#)

[Are you Guys Legit?](#)

Just link menu items, select the cross-hair and move an FAQ item, then Save

The screenshot shows a Drupal 8 interface for managing FAQ items. At the top, there's a blue header bar with the word 'FAQ'. Below it, a sidebar on the left has a 'Questions' section. The main content area is titled 'Order' and contains two tabs: 'List' and 'Order'. Underneath, there's a table with three rows. The first row has a plus sign icon and the question 'Will I get a tax credit if I purchase one of your pictures?'. The second row has a plus sign icon and the question 'How can I purchase one of your pictures?'. The third row has a plus sign icon and the question 'Are you Guys Legit?'. A red arrow points to the third row. At the bottom, there's a 'Save order' button with a red arrow pointing to it.

	Question
+	Will I get a tax credit if I purchase one of your pictures?
+	How can I purchase one of your pictures?
+	Are you Guys Legit?

Save order

Part 5: Extending Drupal

Taxonomy-Vocabulary-Terms + Custom Content Types + Views

Extending the Drupal – Taxonomy-Vocabulary-Terms

Taxonomy, a **powerful** Drupal core module, and gives our Drupal sites use of the organizational keywords “**terms**”.

Terms are known in other systems as **categories**, **tags**, or **metadata**.

Taxonomy allows you to **connect, relate and classify your website's content**.

In Drupal, these “**terms**” are gathered within “**vocabularies**.”

The Taxonomy module allows you to create, manage and apply those vocabularies.”

Note about adding Terms to Taxonomy-Vocabularies:

Drupal knows that site developers usually always add more than one Term to a vocabulary. The add vocabulary page returns to itself when you submit.

To end the add process, select the Taxonomy bread-crumb (see below).

1. Create Taxonomy: Eye color with 1 term Blue, Blue eyes

The screenshot shows two consecutive pages from the Drupal 8 administration interface.

Structure > Taxonomy

Select “+Add vocabulary”

The first part of the screenshot shows the “Taxonomy” page. At the top, there is a breadcrumb trail: Home > Administration > Structure. Below the breadcrumb, the page title is “Taxonomy”. A red arrow points to the “+ Add vocabulary” button. The “VOCABULARY NAME” field contains “Eye color” and the “DESCRIPTION” field contains “Eye color”. The “OPERATIONS” section includes a “List terms” button.

Add Vocabulary Name and Description of “Eye color ” and Save

The second part of the screenshot shows the “Add vocabulary” form. The “Name” field is filled with “Eye color” (marked with a red circle labeled 1). The “Description” field is also filled with “Eye color” (marked with a red circle labeled 2). At the bottom of the form is a “Save” button (marked with a red circle labeled 3).

The Eye color Vocabulary has been created successfully.
Now let's add 1 Term.
Click the “+Add term” button

The screenshot shows the 'Eye color' vocabulary management page. At the top, there are tabs: List, Edit, Manage fields, Manage form display, and Manage display. Below the tabs, a breadcrumb navigation shows: Home » Administration » Structure » Taxonomy » Eye color. A green success message box contains the text: "Created new vocabulary Eye color." Below the message, a note says: "You can reorganize the terms in Eye color using their drag-and-drop handles, and group terms under a parent term by sliding them under and to the right of the parent." A blue button labeled "+Add term" is highlighted with a red arrow pointing to it. To the right of the button is a link "Show row weights". The main table has columns: NAME, WEIGHT, and OPERATIONS. A note below the table says: "No terms available. Add term."

Enter the Term Name and Description:

Name: Blue, Description: Blue eyes

Press the Save button

Instructor will demon the RELATIONS settings

The screenshot shows the 'Add term' form for the 'Blue' term. The top navigation bar includes links for Content, Structure, Appearance, Extend, Configuration, People, Reports, and Help. The main form has a title 'Add term'. The 'Name' field (1) contains the value 'Blue'. The 'Description' field (2) contains the value 'Blue eyes'. Below the description is a rich text editor toolbar. The 'Text format' dropdown is set to 'Basic HTML'. The 'RELATIONS' section (3) is collapsed. The 'URL alias' field is empty. At the bottom, a 'Save' button (4) is visible.

About RELATIONS:

The taxonomy Vocabulary we are building is flat, or non-hierarchical.

That means that all the terms are at the same level, and none are Parent terms that have their own child terms. Flat vocabularies have one parent term named "<root>". In a flat vocabulary, all terms are children of "<root>".

To create a flat vocabulary, leave the Parent terms dropdown at "<root>".

Drupal resets the Parent terms dropdown to "<root>" after each new term is added.

So you won't have to change this value when adding additional "Eye color" Terms.

A description of the term.

▼ RELATIONS**Parent terms**

<root>

Weight *

0

Terms are displayed in ascending order by weight.

The term "Blue" has been added successfully.

The screenshot shows the 'Add term' interface for the 'Eye color' taxonomy. At the top, the breadcrumb navigation is visible: Home > Administration > Structure > Taxonomy > Eye color. Below the breadcrumb, a green success message box contains the text 'Created new term *Blue*'. A red arrow points from the text 'Created new term' towards this message. The main form fields include 'Name *' (with a placeholder 'The term name.') and 'Description' (with a rich text editor toolbar). The background features a sidebar with various links and a user profile icon.

Independent Exercise 5.1 – Create 2 additional “Eye color” Terms

- Green, Green eyes
- Brown, Brown eyes

Extending the Drupal – Creating Custom Content Types

We will now create new content type template for Staff records. We do not want Staff records to display on the front page or on a menu item. Instead we want to aggregate all staff records to display on a view page.

1. Enable the Existing Drupal 8 Telephone Module – Under Field Types
 - a. It's not enabled by default

The screenshot shows the 'FIELD TYPES' configuration page. A yellow box highlights the 'Telephone' field type, which is currently disabled (unchecked). Other checked field types include Address, Datetime, File, Image, Link, Options, Simple Google Maps, and Text. A green star icon is visible on the left side of the 'Telephone' entry.

2. Please use the Assets Staff content file for this activity task.

Asset Folder: Staff Profiles and Pictures

The screenshot shows the 'Assets' interface with the 'Staff Profiles and Pictures' folder selected. A pink box highlights the 'Staff Content.txt' file, which is selected. Other files in the folder include AliceSmith.png, JaneJones.png, LauraNactham.png, MrNuts.png, and SueChase.png. The 'Staff Profiles and Pictures' folder itself is also highlighted with a pink box.

Staff Content. Txt – Contains 5 staff records

```

C:\Users\mchase2\Dropbox\Drupal Midcamp 2017\Content\Staff Profiles and Pictures\Staff Content.txt - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
Staff Content.txt x
1 STAFF Content
2
3 Full Name: Alice Smith
4 Description: (Goes in the Content Type Body)
5 I am a freelance photographer specializing in music, product, event, TV, media, fine art,
fashion, and street photography.
6 I handle all contracts with clients. As well as, shooting, editing, retouching all work as
needed.
7 Job Title: Freelance photographer
8 Phone: 312-111-1111
9 Eye Color: Blue
10 Picture: AliceSmith.png
11
12 Full Name: Jane Jones
13 Description: (Goes in the Content Type Body)
14 Freelance Photographer, Retoucher, Curator, Social Media, Production-Assistant
15 Job Title: Freelance photographer
16 Phone: 312-222-2222
17 Eye Color: Green
18 Picture: JaneJones.png
19

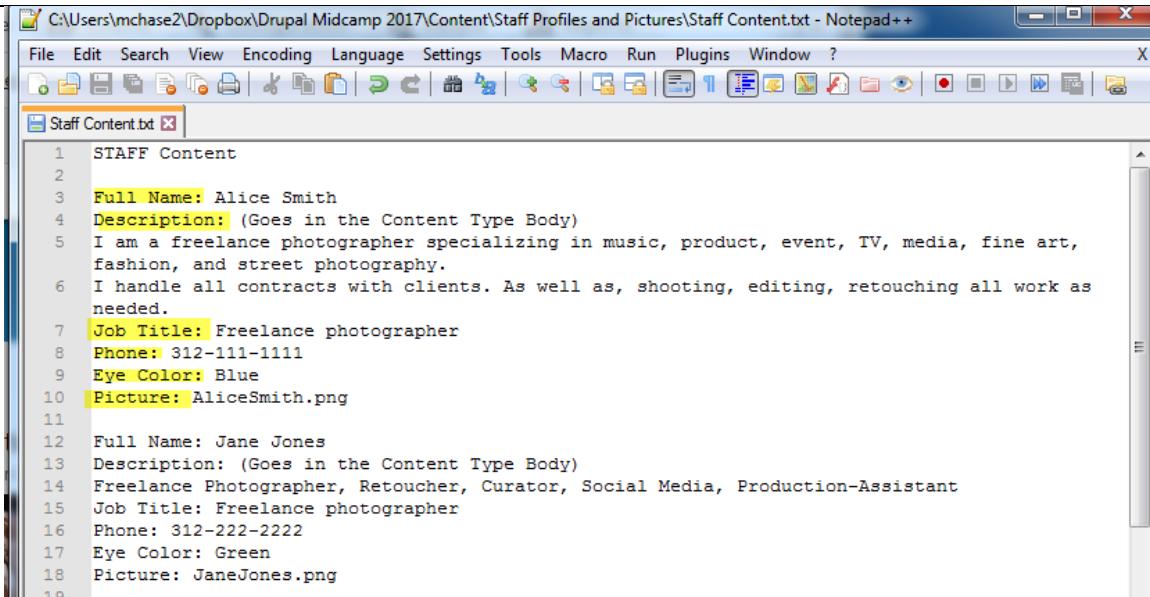
```

3. Create a new content type named “Staff”
 - a. Fields:
 - i. Full name (We will rename the Title to Full Name)
 - ii. Job Title – As Text field
 - iii. Phone – A telephone number field – Phone settings under Manage Display
 - iv. Eye Color – term Ref to Eye Color vocabulary
 - v. Picture – as an image field, Thumbnail setting in Manage display
4. Create 1 staff node with no menu options and do not promote to the Front page

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- (1) Open the “Staff Content.Txt “ Assets file up in an ASII Editor
Windows: Notepad++ (Note Notepad or Word)
Mac: brackets, Text Wrangler

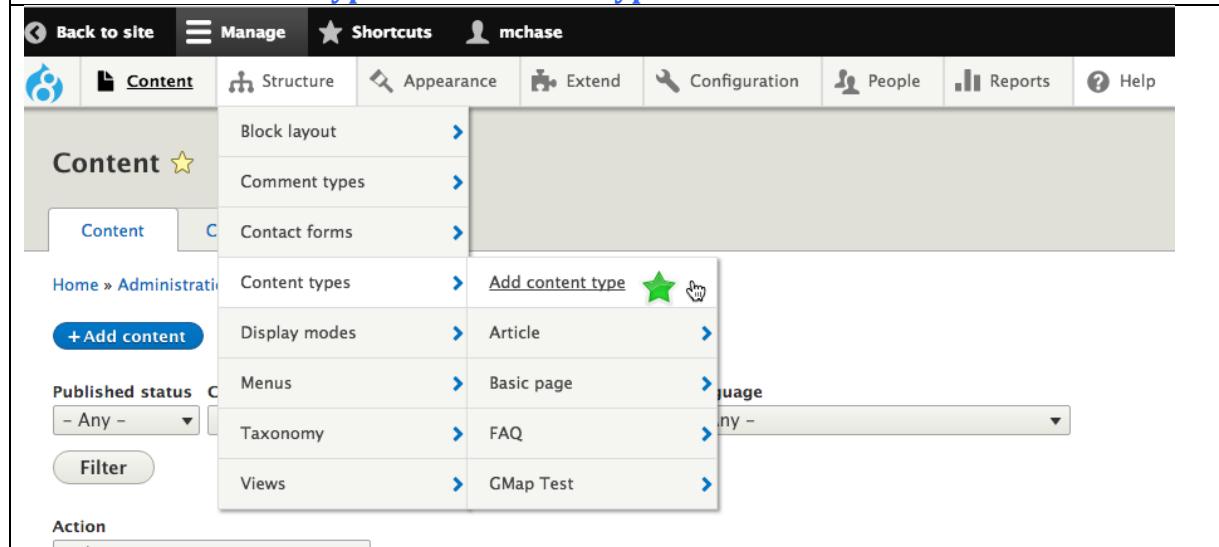


The screenshot shows the Notepad++ application window with the file "Staff Content.txt" open. The content of the file is as follows:

```
1 STAFF Content
2
3 Full Name: Alice Smith
4 Description: (Goes in the Content Type Body)
5 I am a freelance photographer specializing in music, product, event, TV, media, fine art,
fashion, and street photography.
6 I handle all contracts with clients. As well as, shooting, editing, retouching all work as
needed.
7 Job Title: Freelance photographer
8 Phone: 312-111-1111
9 Eye Color: Blue
10 Picture: AliceSmith.png
11
12 Full Name: Jane Jones
13 Description: (Goes in the Content Type Body)
14 Freelance Photographer, Retoucher, Curator, Social Media, Production-Assistant
15 Job Title: Freelance photographer
16 Phone: 312-222-2222
17 Eye Color: Green
18 Picture: JaneJones.png
19
```

- (2) On the Drupal site, create a new content type named “Staff”

[Structure > Content type > Add content type](#)



The screenshot shows the Drupal 8 Content management interface. The top navigation bar includes links for Back to site, Manage, Shortcuts, and user mchase. The main content area is titled "Content" with a star icon. A sidebar on the left has tabs for Content and Structure, and buttons for +Add content, Published status, and Filter. The main content area displays a list of configuration options: Block layout, Comment types, Contact forms, Content types (with an "Add content type" button highlighted), Display modes, Menus, Taxonomy, and Views. The "Content types" item is expanded, showing Article, Basic page, FAQ, and GMap Test.

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Enter in Name and Description
Submission Form Settings: Change “Title” to “Full Name”

Add content type ★

Home » Administration » Structure » Content types

Individual content types can have different fields, behaviors, and permissions assigned to them.

Name *
Staff ★ Machine name: staff [Edit]

The human-readable name of this content type. This text will be displayed as part of the list on the *Add content* page. This name must be unique.

Description
Staff record template ★

This text will be displayed on the *Add new content* page.

Submission form settings

Title field label *
Full Name ★

Publishing options
Published , Promoted to front page , Create new revision

Display settings
Display author and date information

Menu settings

Preview before submitting
 Disabled
 Optional
 Required

Explanation or submission guidelines

This text will be displayed at the top of the page when creating or editing content of this type.

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Publishing options: Keep Published on, Turn off Promoted to front page and Sticky on top of lists

This text will be displayed on the *Add new content* page.

Submission form settings Title	Default options <input checked="" type="checkbox"/> Published <input type="checkbox"/> Promoted to front page <input type="checkbox"/> Sticky at top of lists <input checked="" type="checkbox"/> Create new revision
Publishing options ★ Published , Create new revision	Users with the <i>Administer content</i> permission will be able to override these options.
Display settings Display author and date information	
Menu settings	

Save and manage fields

Display settings: Turn off (un-check) Display author and date information

This text will be displayed on the *Add new content* page.

Submission form settings Title	<input type="checkbox"/> Display author and date information Author username and publish date will be displayed.
Publishing options Published , Create new revision	
Display settings ★ Don't display post information	
Menu settings	

Save and manage fields

Menu settings: Turn off (un-check) Main navigation

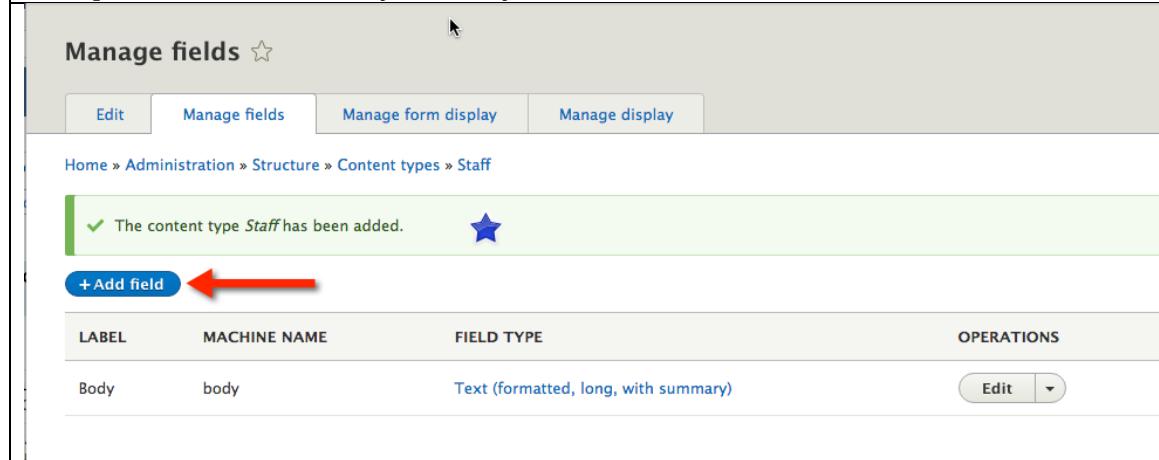
This text will be displayed on the *Add new content* page.

Submission form settings Title	Available menus
Publishing options Published , Create new revision	<input type="checkbox"/> Administration <input type="checkbox"/> Footer <input type="checkbox"/> Main navigation <input type="checkbox"/> Tools <input type="checkbox"/> User account menu
Display settings Don't display post information	The menus available to place links in for this content type.
Menu settings ★	

Save and manage fields



The “Staff” Content type temalte has been created successfully.
Now we must add the fields to define the template record structure.
Druap add a Title and Body fields by default.



Manage fields ☆

Edit Manage fields Manage form display Manage display

Home » Administration » Structure » Content types » Staff

✓ The content type Staff has been added. ★

+ Add field

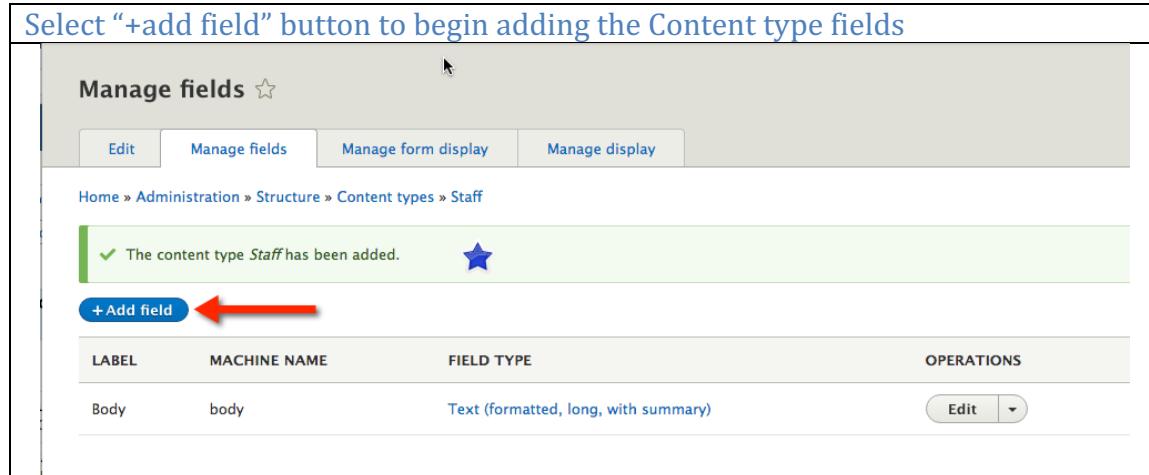
LABEL	MACHINE NAME	FIELD TYPE	OPERATIONS
Body	body	Text (formatted, long, with summary)	Edit

Adding Fields to the Staff Content type:

Fields to add:

- (1) Job title – Text
- (2) Phone – Telephone Field
- (3) Eye Color – as a Taxonomy term
- (5) Photograph – as an image, thumbnail image

Select “+add field” button to begin adding the Content type fields



Manage fields ☆

Edit Manage fields Manage form display Manage display

Home » Administration » Structure » Content types » Staff

✓ The content type Staff has been added. ★

+ Add field

LABEL	MACHINE NAME	FIELD TYPE	OPERATIONS
Body	body	Text (formatted, long, with summary)	Edit

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Add Job title

Add field ☆

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

Add a new field Re-use an existing field
Text (plain) ★ or – Select an existing field – ▾

Label *
Job title ★ Machine name: field_job_title [Edit]

Save and continue

Keep default Job title Field settings
We only want 1 Job title on the template form

Job title ☆

Edit Field settings

Home » Administration » Structure » Content types » Staff » Manage fields » Job title

These settings apply to the *Job title* field everywhere it is used. These settings impact the way that data is stored has been created.

Maximum length *
255

The maximum length of the field in characters.

Allowed number of values
Limited ▾ 1

Save field settings

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Job title settings for Staff

- (1) The default Label is fine “Job title”
- (2) help text: enter the job title text here
- (3) Make this a required field
- (4) Save settings

Job title settings for Staff ☆

[Edit](#) [Field settings](#)

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

✓ Updated field *Job title* field settings.

Label *
Job title 

Help text
Enter the Job Title text here 

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.

 Required field 

▼ DEFAULT VALUE
The default value for this field, used when creating new content.
Job title

 [Save settings](#) [Delete](#)

Job title field has been created sucessfully.

Add the next field, Phone as a Telephone field

Manage fields ☆

[Edit](#) [Manage fields](#) [Manage form display](#) [Manage display](#)

Home » Administration » Structure » Content types » Staff

✓ Saved *Job title* configuration.

[+ Add field](#) 

LABEL	MACHINE NAME	FIELD TYPE	OPERATIONS
Body	body	Text (formatted, long, with summary)	Edit 
Job title 	field_job_title	Text (plain)	Edit 

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Add field:

Field type: Telephone number
Label: Phone
press Save and continue

Add field 

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

Add a new field

Telephone number

Re-use an existing field

or

– Select an existing field –

Label *

Phone

Machine name: field_phone [Edit]

Save and continue

We only want 1 Phone field on the template, so keep the default value of 1

Phone 

Edit

Field settings

Home » Administration » Structure » Content types » Staff » Manage fields » Phone

These settings apply to the *Phone* field everywhere it is used. These settings impact the way that data is stored in the database . been created.

Allowed number of values

Limited

▼

1

Save field settings

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Phone settings for Staff

Do not make Phone required
Press Save settings to continue

Phone settings for Staff ☆

[Edit](#) [Field settings](#)

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

✓ Updated field *Phone* field settings.

Label *

Phone

Help text

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.

Required field

▼ DEFAULT VALUE

The default value for this field, used when creating new content.

Phone

[Save settings](#) [Delete](#)

Phone number field has been created successfully.

Add the next field, Eye color as a Taxonomy term

Manage fields ☆

[Edit](#)

[Manage fields](#)

[Manage form display](#)

[Manage display](#)

Home » Administration » Structure » Content types » Staff

✓ Saved *Phone* configuration.

[+ Add field](#)

LABEL	MACHINE NAME	FIELD TYPE	OPERATIONS
Body	body	Text (formatted, long, with summary)	Edit ▾
Job title	field_job_title	Text (plain)	Edit ▾
Phone	 field_phone	Telephone number	Edit ▾

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Add field:
Field type: Taxonomy term
Label: Eye color
Press Save and continue

Add field ☆

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

Add a new field Re-use an existing field
Taxonomy term or – Select an existing field –

Label *
Eye Color Machine name: field_eye_color [Edit]

Save and continue

Eye Color ☆

Edit Field settings

Home » Administration » Structure » Content types » Staff » Manage fields » Eye Color

These settings apply to the *Eye Color* field everywhere it is used. These settings impact the way that data is stored in the database has been created.

Type of item to reference *
Taxonomy term

Allowed number of values
Limited ▾ 1

Save field settings

Eye color settings for Staff

Enter Help text:

Enter the Eye color. If it exists, select it from the dropdown, if not it will be added to the vocabulary.

Make Eye color a REQUIRED Field.

CHECK the checkbox “Create reference entities if they don’t already exist”

- b. This means, if the Eye Color is not in the Vocabulary, add it.

Select Available Vocabularies: Eye color

Press Save settings

Eye color settings for Staff

Label *
Eye color

Help text
Enter the Eye color. If it exists, select it, if it does not exist in the Taxonomy-Vocabulary, it will be added.

Required field

DEFAULT VALUE
The default value for this field, used when creating new content.
Eye color

REFERENCE TYPE

Reference method *
Default

Create referenced entities if they don't already exist

Available Vocabularies *

- Eye color
- Tags

Save settings [Delete](#)

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Eye color added successfully:

Add last field Photograph, as an image type

Manage fields ☆

Edit

Manage fields

Manage form display

Manage display

Home » Administration » Structure » Content types » Staff

✓ Saved Eye color configuration.

+ Add field

LABEL	MACHINE NAME	FIELD TYPE	OPERATIONS
Body	body	Text (formatted, long, with summary)	<button>Edit</button>
Eye color	field_eye_color	Entity reference	<button>Edit</button>
Job title	field_job_title	Text (plain)	<button>Edit</button>
Phone	field_phone	Telephone number	<button>Edit</button>

Add Photograph Field

Add field ☆

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

Add a new field

Image



Re-use an existing field

or

- Select an existing field -

Label *

Photograph

Machine name: field_photograph [Edit]

Save and continue



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Keep default values of 1 photograph per template record
Save field settings to continue

Photograph ★

[Edit](#) [Field settings](#)

Home » Administration » Structure » Content types » Staff » Manage fields » Photograph

These settings apply to the *Photograph* field everywhere it is used. These settings impact the way that data is stored in the database and cannot be changed once data has been created.

Upload destination

Public files

Select where the final files should be stored. Private file storage has significantly more overhead than public files, but allows restricted access to files within this field.

▼ DEFAULT IMAGE

If no image is uploaded, this image will be shown on display.

Image

No file chosen

Image to be shown if no image is uploaded.

Alternative text

This text will be used by screen readers, search engines, and when the image cannot be loaded.

Title

The title attribute is used as a tooltip when the mouse hovers over the image.

Allowed number of values

Limited ▾ 1 ★

Save field settings ★

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Enter help text:

Find and add the staff members photograph

Make this field REQUIRED.

Keep default setting and press “Save settings” to continue

Photograph settings for Staff 

[Edit](#) [Field settings](#)

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

 Updated field *Photograph* field settings.

Label *
Photograph

Help text
Find and add the staff members photograph



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.
 Required field 

Allowed file extensions *
png, gif, jpg, jpeg

Separate extensions with a space or comma and do not include the leading dot.

File directory
[date:custom:Y]-[date:custom:m]

Optional subdirectory within the upload destination where files will be stored. Do not include preceding or trailing slashes.

Maximum image resolution
 x pixels

The maximum allowed image size expressed as WIDTHxHEIGHT (e.g. 640x480). Leave blank for no restriction. If a larger image is uploaded, it will be resized to reflect the given width and height. Resizing images on upload will cause the loss of EXIF data in the image.

Minimum image resolution
 x pixels

The minimum allowed image size expressed as WIDTHxHEIGHT (e.g. 640x480). Leave blank for no restriction. If a smaller image is uploaded, it will be rejected.

Maximum upload size

Enter a value like "512" (bytes), "80 KB" (kilobytes) or "50 MB" (megabytes) in order to restrict the allowed file size. If left empty the file sizes will be limited only by PHP's maximum post and file upload sizes (current limit **128 MB**).

Enable Alt field
The alt attribute may be used by search engines, screen readers, and when the image cannot be loaded. Enabling this field is recommended.

Alt field required
Making this field required is recommended.

Enable Title field
The title attribute is used as a tooltip when the mouse hovers over the image. Enabling this field is not recommended as it can cause problems with screen readers.

 [Save settings](#) [Delete](#)

All fields added.

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Manage fields

Home » Administration » Structure » Content types » Staff

✓ Saved *Photograph* configuration.

+ Add field

LABEL	MACHINE NAME	FIELD TYPE	OPERATIONS
Body	body	Text (formatted, long, with summary)	Edit
Eye color	field_eye_color	Entity reference	Edit
Job title	field_job_title	Text (plain)	Edit
Phone	field_phone	Telephone number	Edit
Photograph	field_photograph	Image	Edit

Demo Manage Display TAB

Reordering and formatting Labels and Fields – Change image to Thumbnail

Original Manage Display TAB:

Manage display

Home » Administration » Structure » Content types » Staff

Content items can be displayed using different view modes: Teaser, Full content, Print, RSS, etc. *Teaser* is a short format that is typically used in lists of multiple content items. *Full content* is typically used when the content is displayed on its own page.

Here, you can define which fields are shown and hidden when *Staff* content is displayed in each view mode, and define how the fields are displayed in each view mode.

FIELD	LABEL	FORMAT	Operations
Links		Visible	Show row weights
Body	- Hidden -	Default	
Job title	Above	Plain text	⚙
Phone	Above	Telephone link	
Eye color	Above	Label	Link to the referenced entity
Photograph	Above	Image	Original image

Modified Manage Display TAB:

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displayed in each view mode.

Show row weights

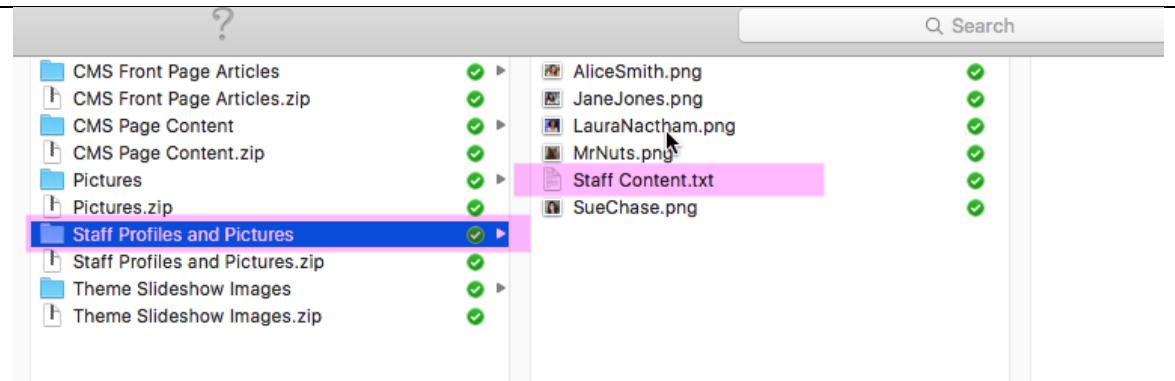
FIELD	LABEL	FORMAT	
Links		Visible	
Body	- Hidden -	Default	
Job title 	Inline	Plain text	
Phone 	Inline	Telephone link	Link using provided telephone number. 
Eye color 	Inline	Label	Link to the referenced entity 
Photograph 	- Hidden -	Image	 Image style: Thumbnail (100x100) 
Disabled			

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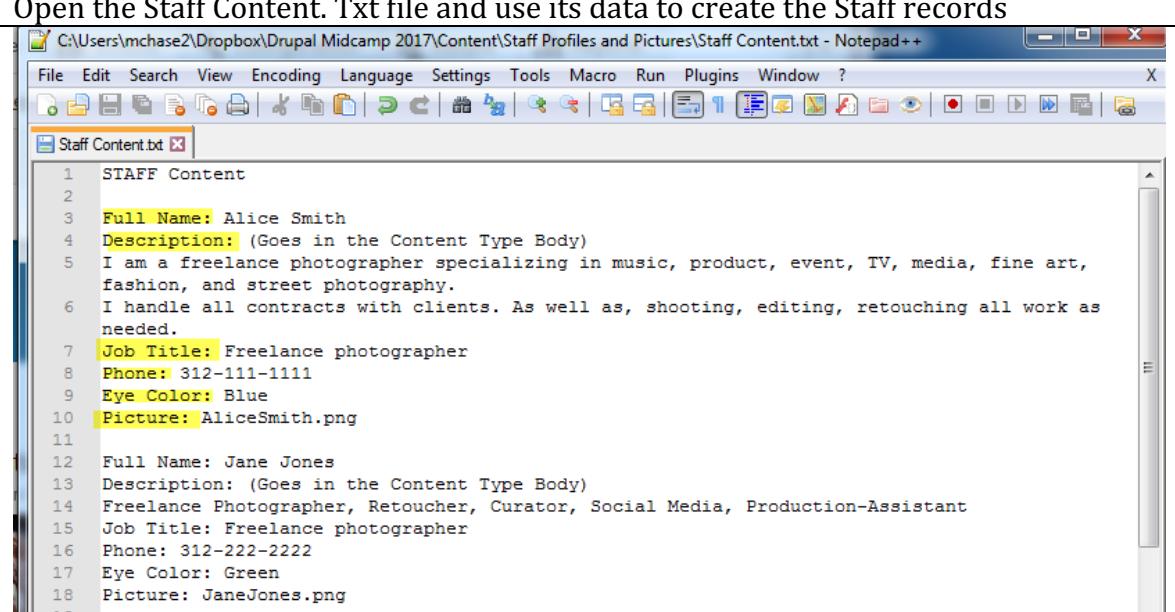
Creating Staff Nodes:

Create 1 staff node – First record “Alice Smith”

Locate the Asset Folder: Staff Profiles and Pictures



Open the Staff Content.Txt file and use its data to create the Staff records



```
1 STAFF Content
2
3 Full Name: Alice Smith
4 Description: (Goes in the Content Type Body)
5 I am a freelance photographer specializing in music, product, event, TV, media, fine art,
fashion, and street photography.
6 I handle all contracts with clients. As well as, shooting, editing, retouching all work as
needed.
7 Job Title: Freelance photographer
8 Phone: 312-111-1111
9 Eye Color: Blue
10 Picture: AliceSmith.png
11
12 Full Name: Jane Jones
13 Description: (Goes in the Content Type Body)
14 Freelance Photographer, Retoucher, Curator, Social Media, Production-Assistant
15 Job Title: Freelance photographer
16 Phone: 312-222-2222
17 Eye Color: Green
18 Picture: JaneJones.png
19
```

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Content > Add content > Staff

Back to site Manage Shortcuts mchase

Content Structure Appearance Extend Configuration People

Add content Article

Comments Basic page

FAQ

GMap Test

NAME DESCRIPTION

Staff

Article Use *articles* for time-sensitive content like news, press releases or blog posts.

Create Staff

Home > Add content

Full Name * Alice Smith **A**

Body (Edit summary)

I am a freelance photographer specializing in music, product, event, TV, media, fine art, fashion, and street photography.
I handle all contracts with clients. As well as, shooting, editing, retouching all work as needed. **B**

Text format Basic HTML **C**

Job title * Freelance photographer **D**

Phone 312-111-1111 **E**

Eye color * Blue (3) **F**

Photograph *  **G**

Alternative text * A picture of Alice Smith. **H**

Save and publish **I**

Last saved: Not saved yet
Author: mchase
 Create new revision
Revision log message
Briefly describe the changes you have made.
URL PATH SETTINGS
AUTHORING INFORMATION
PROMOTION OPTIONS
 Promoted to front page
 Sticky at top of lists

Note about Taxonomy-Vocabulary-Terms display when adding them to nodes

Notice below that each added Taxonomy-Vocabulary-term has a number in to its right. **Blue (4)**, **Green (5)**.

The number is the database key and not the number of times the Term has been used.

Add the phone number here.

Eye color *

Blue (4) 

Enter the Eye color. If it exists, select it, if it does not exist in the Taxonomy-Vocabulary, add it.

Photograph *



Add the phone number here.

Eye color *

Green (5) 

Enter the Eye color. If it exists, select it, if it does not exist in the Taxonomy-Vocabulary, add it.

Photograph *



Alternative text *

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Independent Exercise 5.2 – Create 3 Staff nodes

- Use asset content to create the Staff nodes
- Do not add a Menu option
- Do not promote to front page
- Staff member pictures are by Staff member full name

Extending Drupal with Views

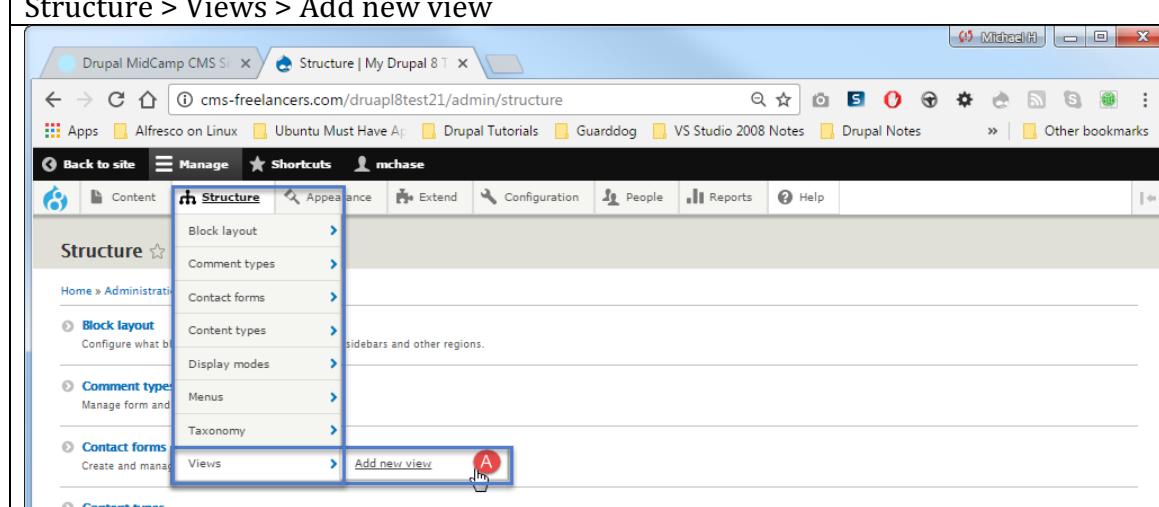
Drupal is a CMS. As a CMS Drupal stores all site content in a database.

A view is a database term, for a type data aggregation.

Drupal's use of the term View is 100% correct. A Drupal view is an aggregation of content from the sites database. Drupal provides an Administrative User interface to create views. What this Admin UI does, is allow a site admin to configure the view, so that Drupal can create the correct database SQL statement to query and retrieve the correct content and its formatting options, as configured by the admin.

We will create a view that displays teaser record "Staff" nodes.

Create the View
Structure > Views > Add new view



View name: Our Staff

Add view ★

Home > Administration > Structure > Views

VIEW BASIC INFORMATION

View name *
Our Staff Machine name: our_staff

Description

VIEW SETTINGS

Show: Content of type: Staff sorted by: Newest first

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PAGE SETTINGS

Create a page

Page title

Path

PAGE DISPLAY SETTINGS

Display format:
 of:

Items to display

Use a pager

Create a menu link

Menu

Link text

Include an RSS feed

BLOCK SETTINGS

Create a block

Save and edit **Cancel**

Our Staff (Content) ☆

Home » Administration » Structure » Views

The view *Our Staff* has been saved.

Displays

Page **+ Add** **Edit view name/description** **View Page**

Display name: Page

TITLE
Title: Our Staff

FORMAT
Format: Unformatted list | Settings
Show: Content | Teaser

FIELDS
The selected style or row format does not use fields.

FILTER CRITERIA
Content: Publishing status (= Yes)
Content: Content type (= Staff)

SORT CRITERIA
Content: Authored on (desc)

PAGE SETTINGS
Path: /our-staff
Menu: Normal: Our Staff
Access: Permission | View published content

HEADER **Add**

FOOTER **Add**

NO RESULTS BEHAVIOR **Add**

PAGER
Use pager: Mini | Mini pager, 10 items
More link: No

Save **Cancel**

The screenshot shows a Drupal 8 website with a blue header bar. The title 'My Drupal 8 Test Site 21' is displayed. The main content area is titled 'Our Staff' and lists two staff members: Jane Jones and Alice Smith. Jane Jones is described as a Freelance Photographer, Retoucher, Curator, Social Media, Production-Assistant. Alice Smith is described as a freelance photographer specializing in music, product, event, TV, media, fine art, fashion, and street photography. Both profiles have a 'Read more' link.

Example site: <http://cms-freelancers.com/druapl8test21/>

Independent Exercise 5.3 – Jobs – Content type, nodes & View

Jobs content is provided in Assets.

1. Create a new content type named Jobs
Fields: (Besides Title and Body”
 - a. Job Number
5. Create 3 Job nodes
6. Create a view of Jobs - named Jobs view – Teaser view + Main Menu link

Independent Exercise 5.4 - Responsive Slideshow

1. Install the following Contrib. Modules
 - a. https://www.drupal.org/project/responsive_slideshow
 - b. <https://www.drupal.org/project/bootstrap>
2. Change the default theme to Nexus Theme
 - a. <https://www.drupal.org/project/nexus>
3. The instructions in the Responsive slideshow Project page to implement the slideshow

Responsive Slide-show Module:

When we are trying to create a carousel using Bootstrap theme, mostly the carousel was not showing as the responsive behavior and also not able to give the bootstrap classes to the carousel view. I have created this module by solving the above-mentioned issues.

This module uses the Bootstrap theme engine and can be used to create responsive slide-show while using Bootstrap theme/subtheme.

A new content type 'Responsive Slideshow' will be created on the Module installation. Enable the block 'Responsive Slideshow' provided by the module to the required region. Here, privileged user can configure the user interface settings of the Responsive Slideshow. Please find the attached screen shot, responsive_slideshow_entry.png

The Responsive Slideshow Block is configured to appear in the front page. The visibility settings can be configured as per the requirement.

Instructions that I found to be successful:

1. Install the Bootstrap theme **but do not make it the default theme.**
 - a. **I was unable to make the Slideshow display on the site**
2. Make the Nexus the default theme.
3. **Enable the Responsive Slideshow module**
4. Create Nodes of Responsive slideshow (use Asset Slideshow images)

5. Once you have created Slide nodes, turn off the Nexus theme slide show and assign the Responsive Slideshow Block view to the Highlighted region as follows:

- a. Select Manage to display the Admin toolbar
- b. Select Structure > Block layout
- c. The Slideshow block is listed within the **Disabled** blocks, at the bottom of the Blocks page
- d. Scroll down to the bottom, select the “Place block” button to the right of Disabled

The screenshot shows the 'Blocks' page in the Drupal admin interface. It lists four regions: 'Third Bottom', 'Fourth Bottom', 'Disabled', and another unnamed region. Each region has a 'Place block' button. A red arrow points to the 'Place block' button in the 'Disabled' region.

- e. Responsive Slideshow should be the first entry. Select its “Place block” button

The screenshot shows the 'Place block' modal dialog. It lists several blocks: 'Responsive Slideshow', 'Page title', 'Primary admin actions', and 'Tabs'. Each block has a 'Place block' button. A red arrow points to the 'Place block' button for the 'Responsive Slideshow' block.

BLOCK	CATEGORY	OPERATIONS
Responsive Slideshow	Blocks	Place block
Page title	core	Place block
Primary admin actions	core	Place block
Tabs	core	Place block

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- f. Configure the Responsive Slideshow block as follows
- i. Set the Pages (restricted to certain pages) to <front>
 - ii. Set the Region to Highlighted
 - iii. Press Save the Block

The screenshot shows the 'Configure block' dialog for a 'Responsive Slideshow' block. The dialog has a dark header bar with the title 'Configure block' and a close button. Below the header, the 'Block description' is 'Responsive Slideshow'. The configuration is divided into sections:

- Title ***: 'Responsive Slideshow' (Machine name: 'responsiveslideshow_3'). A red circle labeled 'A' is over the checked checkbox 'Display title'.
- Visibility**:
 - Content types**: 'Not restricted'
 - Pages** (red circle 'B'): 'Restricted to certain pages'. A red circle 'C' is over the value '<front>' in the 'Pages' section. A green circle 'G' is at the bottom right of the input field.
 - Roles**: 'Not restricted'
- Region**: A dropdown menu set to 'Highlighted' (red circle 'D'). A red circle 'E' is over the 'Save block' button.

Below the visibility section, there is a note: 'Specify pages by using their paths. Enter one path per line. The '*' character is a wildcard. An example path is /user/* for every user page. <front> is the front page.' with two radio button options: 'Show for the listed pages' (selected) and 'Hide for the listed pages'.

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The screenshot shows a Drupal 8 test site interface. At the top, there's a navigation bar with links like 'Manage', 'Shortcuts', and 'mchase'. Below the navigation is a header with the logo 'MY DRUPAL 8 TEST SITE 21' and a menu with 'Home', 'Our Staff', 'About me', and 'FAQ'. A large image of purple flowers serves as a background for a responsive slideshow. On the left, there's a post titled 'Brownie Directions' with a timestamp 'Posted on: Sun, 03/26/2017 - 23:55 By: mchase' and a photo of brownies. On the right, there's a search bar and a sidebar with links to 'My account' and 'Log out'.