Working With Content Types in Drupal

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What is a Content Type?

Websites contain many different types of information. Each individual set of information is called a node. Sometimes a node is a full page and sometimes it's content which may be placed in a block, e.g., a blog entry. A **Content Type** is a set of fields for a particular type of data. For example, the simplest content type is a *Basic page*. A Basic page has two fields - a field for the *Title* and second field for the *Body* into which the content is placed. The title and body fields display information to the user.

In addition to the fields, certain settings are also associated with a content type, like publishing options, page comment options and options for which menu will display this content type. You can add new content types to meet your needs. For example, suppose you were planning a meeting or conference for which people had to register. You would need to collect certain basic data about each attendee. To do so, you might create a content type with fields to capture, store and display contact information, payment information, session information, housing information, etc.

Drupal Cloud comes with several content types which are explained in the next section. Any content type may be edited by adding, deleting or modifying fields or options.

Default Content Types

There are seven basic content types available to use. Each content type has a different set of fields for storing and displaying information.

Content Type	Description
Basic page	Use basic pages for your static content, such as an 'About us' page.
Biblio	Use Biblio for scholarly content, such as journal papers and books.
Blog	Use to create a blog entry.
Feed	Use to subscribe to RSS or Atom feeds. Creates nodes of the content type "Feed item" from feed content.
Feed item	This content type is being used for automatically aggregating content from feeds.
News	Use to create or reference relevant news stories here.
Webform	Use to create a new form accessible to users. Submission results and statistics are recorded.

Creating a New Content Type

1. From the Admin menu click Structure, then choose Content types.

🙉 Dashboard 🚡 Content 🔥 Structure 🔨 Appearance 🤱 People 🔧 Configuration 🏝 Modules 🕼 Reports 🔞 Help	
Structure \odot	
Home » Administration	8
Blocks Configure what block content appears in your site's sidebars and other regions.	
Content types Manage content types, including default status, front page promotion, comment settings, etc.	se
Feeds importers Configure one or more Feeds importers to aggregate RSS and Atom feeds, import CSV files or more.	
Menus Add new menus to your site, edit existing menus, and rename and reorganize menu links.	
Taxonomy Manage tagging, categorization, and classification of your content.	
Views Manage customized lists of content.	
Stre Background image Create a blog entry	
Create a news article	

2. Click Add content type.

me » Administration » Structure	
Add content type	OPERATIONS
Basic page (Machine name: page) Use <i>basic pages</i> for your static content, such as an 'About us' page.	edit manage fields manage display delete
Biblio (Machine name: biblio) Use Biblio for scholarly content, such as journal papers and books.	edit manage fields manage display
Blog (Machine name: blog) Create a blog entry!	edit manage fields manage display
FEEd (Machine name: feed) Subscribe to RSS or Atom feeds. Creates nodes of the content type "Feed item" from feed content.	edit manage fields manage display
Feed item (Machine name: feed_item) This content type is being used for automatically aggregated content from feeds.	edit manage fields manage display

3. Add a name and description (optional) and set any options for this content type.

egistration \odot			EDIT MANAGE FIELDS	MANAGE DISPLAY	COMMENT FIELDS	COMMENT DISPLAY
Home » Administration » Structure » Content	types					
Name * Registration 1 The human readable name of this conton contain only letters, numbers, and spaces	nchine name: registration [Edit] type, This text will be displayed as j This name must be unique.	part of the list on the $\cal A$	4 <i>dd new content</i> page. It is r	ecommended that this	5 name begin with a ca	apital letter and
Description						
						,
Describe this content type. The text will be	a displayed on the Add new content.					h
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Automatic title generation Disabled Submission form settings Title Publishing options Publishing options Display settings Display author and date information. Comment settings Open, Threading, 50 comments per	Disabled Automatically generate the Automatically generate the Pattern for the title Leave blank for using the per	title and hide the title f title if the title field is in default generated title.	left empty		syntax (token) if you	want to insert a

- Click Save and add fields.
 Add new fields you will need to the list of existing fields and click Save.

					Show row weights
LABE	L	MACHINE NAME	FIELD TYPE	WIDGET	OPERATIONS
÷Γ	Title	title	Node module element		
÷	URL redirects	redirect	Redirect module form elements		
÷ι	URL path settings	path	Path module form elements		
.÷ B	Body	body	Long text and summary	Text area with a summary	edit delete
	Add existing field	- Select an existing field - Field to share	•	- Select a widget - ▼ Form element to edit the data.	
	Add new group	group_ Group name (a-z, 0-9, _)		Fieldset •	
Field	Igroups	that format type. Note that some fo	ged into groups with unlimited nesting. Each fieldgri rmats come in pair. These types have a html wrapper vertical tabs in vertical tab group and horizontal tal	r to nest its fieldgroup children. E.g. Place	accordion items

For complete information about Creating Content Types watch section 9, *Extending Content* in the LinkedIn Learning video **Drupal 7 Essential Training**. Here are Video chapters you will find useful.

- Adding fields to content types
- Exploring field types and options
- Adjusting field display.

Assigning Permissions for the New Content Type

When you create a new content type you will need to specify who can use it by setting permissions.

1. From the Admin menu click People then click Permissions.

People ©			ЦБТ	PERMISSIONS	
Home > Administration > People		F	ermissions	Roles	8
Permissions let you control what users can do and see on your site. You can define a specific set of permissions for each role. T Content Managers. Any permissions granted to the Authenticated Users role will be given to any user who can log into your site meaning this will be granted all new permissions automatically. You should be careful to ensure that only trusted users are give	You can make any	role the Content Man	ager role for		
Hide descriptions					se
PERMISSION	ANONYMOUS USER	AUTHENTICATED USER	NEWS EDITOR	CONTENT MANAGER	

- 2. Scroll to the Nodes section and locate the rows for the content type.
- 3. Check the boxes for the new content type's rows to add permissions. The Content Manager role is assigned permissions by default.

Basic page: Delete any content		8
Registration: Create new content		
Registration: Edit own content		
Registration: Edit any content		
Registration: Delete own content		
Registration: Delete any content	•	
Wahlorm Create new content		

- 4. Click Save permissions.
 - WARNING: Do not assign permissions for content creation and editing to ANONYMOUS USER.

For more information on permissions, see the KB article Assigning Roles and Permissions.

Editing a Content Type

- 1. From the Admin menu click Structure, then choose Content types.
- 2. Click Edit for the content type you wish to edit.

Content types 💿		
Home » Administration » Structure		8
+ Add content type		
NAME	OPERATIONS	
Basic page attachine name: page) Use <i>basic pages</i> for your static content, such as an 'About us' page.	edit manage fields manage display delete	se
Biblio (Machine name: biblio) Use Biblio for scholarly content, such as journal papers and books.	edit manage fields manage display	
Blog (Machine name: blog) Create a blog entry!	edit manage fields manage display	
Feed (Machine name: feed) C Subscribe to RSS or Atom feeds. Creates nodes of the content type "Feed item" from feed content.	edit manage fields manage display	
Feed Item (Machine name: feed_kem) This content type is being used for automatically aggregated content from feeds.	edit manage fields manage display	
o News (Machine name: news)		

3. On the *Edit* tab, make changes to the name, description or options for this content type.

ome » Administration » Structure » Content t	types					
	_					
ame *						
	achine name: registration [Edit]					
he human readable name of this content ontain only letters, numbers, and spaces.	type. This text will be displayed as pa	rt of the list on the Add ne	<i>w content</i> page. It is i	recommended that this	s name begin with a ca	apital letter and
Description						
-csciption						
Describe this content type. The text will be	a displayed on the Add new content na	ae.				
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Automatic title generation	7	<i>a</i>				
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Automatic title generation Disabled Submission form settings Title Publishing options Publishing Promoted to front page Display suthor and date information. Comment settings Open, Threading, S0 comments per	Disabled Automatically generate the tit Automatically generate the tit Pattern for the title Leave blank for using the per del	le and hide the title field le if the title field is left em			: syntax (token) if you	R want to insert a

Additional tabs allow you to add or edit fields, change display options and content options.
 Click Save content type.

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