

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.

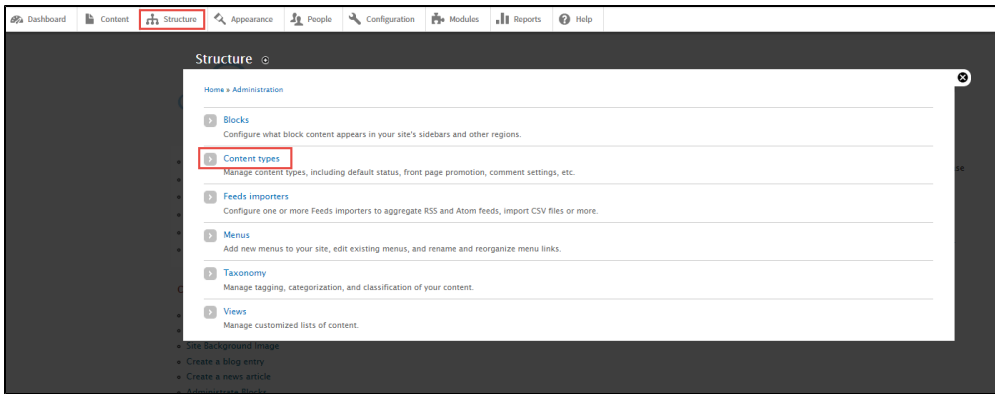
Default Content Types

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

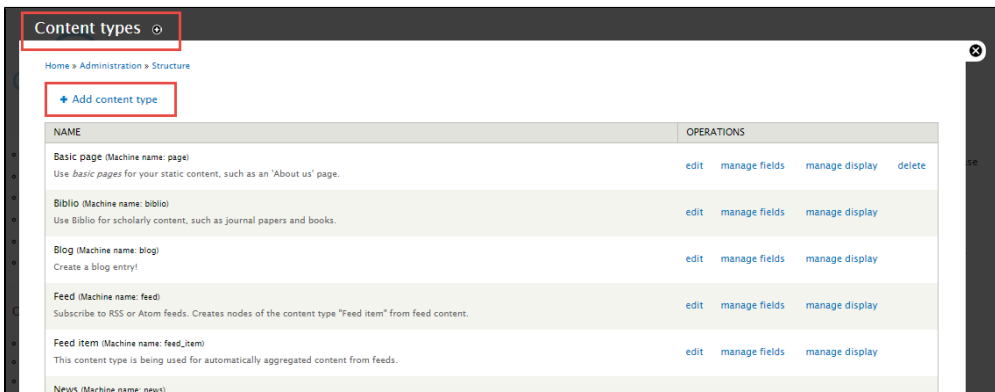
Content Type	Description
Basic page	Use basic pages for your static content, such as an 'About us' page.
Biblio	Use Biblio for scholarly content, such as journal papers and books.
Blog	Use to create a blog entry.
Feed	Use to subscribe to RSS or Atom feeds. Creates nodes of the content type "Feed item" 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

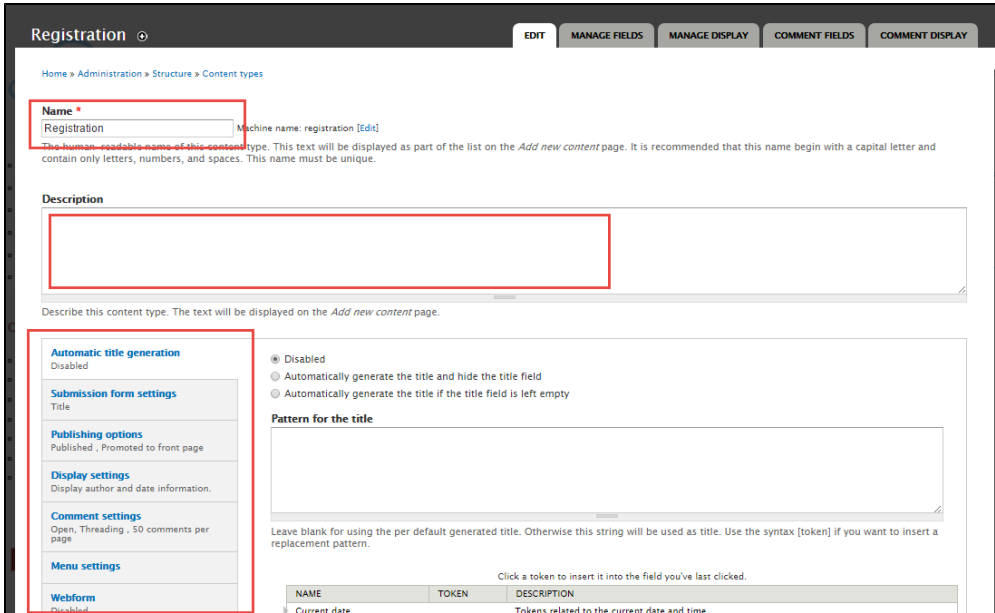
1. From the *Admin menu* click **Structure**, then choose **Content types**.



2. Click **Add content type**.



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



4. Click **Save and add fields**.

5. Add new fields you will need to the list of existing fields and click **Save**.

Registration

Home » Administration » Structure » Content types » Registration

LABEL	MACHINE NAME	FIELD TYPE	WIDGET	OPERATIONS
Title	title	Node module element		
URL redirects	redirect	Redirect module form elements		
URL path settings	path	Path module form elements		
Body	body	Long text and summary	Text area with a summary	edit delete

Add new field

Label: Field type: Widget:

Add existing field

Label: Field type: Widget:

Add new group

Label: Group: Fieldset:

Fieldgroups

Fields can be dragged into groups with unlimited nesting. Each fieldgroup format comes with a configuration form, specific for that format type. Note that some formats come in pair. These types have a html wrapper to nest its fieldgroup children. E.g. Place accordion items into the accordion, vertical tabs in vertical tab group and horizontal tabs in the horizontal tab group. There is one exception to this rule, you can use a vertical tab without a wrapper when the additional settings tabs are available. E.g. node forms.

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

Home » Administration » People

Permissions let you control what users can do and see on your site. You can define a specific set of permissions for each role. Two important roles to consider are Authenticated Users and Content Managers. Any permissions granted to the Authenticated Users role will be given to any user who can log into your site. You can make any role the Content Manager role for the site, meaning this will be granted all new permissions automatically. You should be careful to ensure that only trusted users are given this access and level of control of your site.

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

Registration: Create new content

Registration: Edit own content

Registration: Edit any content

Registration: Delete own content

Registration: Delete any content

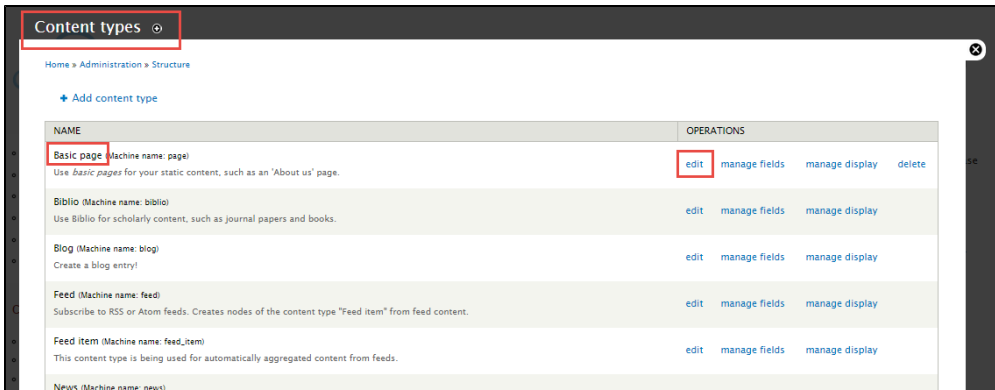
Webform: Create new content

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.



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

Registration

EDIT MANAGE FIELDS MANAGE DISPLAY COMMENT FIELDS COMMENT DISPLAY

Home » Administration » Structure » Content types

Name *
Registration Machine name: registration [Edit]
The human-readable name of this content type. This text will be displayed as part of the list on the *Add new content* page. It is recommended that this name begin with a capital letter and contain only letters, numbers, and spaces. This name must be unique.

Description
Describe this content type. The text will be displayed on the *Add new content* page.

Automatic title generation
Disabled
☒ Disabled
☐ Automatically generate the title and hide the title field
☐ Automatically generate the title if the title field is left empty

Submission form settings
Title

Publishing options
Published, Promoted to front page

Display settings
Display author and date information.

Comment settings
Open, Threading, 50 comments per page

Menu settings

Webform
Disabled

Pattern for the title
Leave blank for using the per default generated title. Otherwise this string will be used as title. Use the syntax [token] if you want to insert a replacement pattern.

Click a token to insert it into the field you've last clicked.

NAME	TOKEN	DESCRIPTION
Current date		Tokens related to the current date and time

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

5. Click **Save content type**.

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