Custom Content Types

2013 STANFORD DRUPAL CAMP

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Agenda

WHAT IS A CONTENT TYPE?

Default Content types

WHY WOULD YOU NEED A CUSTOM CONTENT TYPE?

EDIT YOUR CONTENT TYPE

- Manage fields
- Manage display
- Manage form

CUSTOMIZE YOUR CONTENT TYPES

- Add a new Content type
- Add new field
- Add existing field

What is a Content Type?

STRUCTURE > CONTENT TYPES

+ Add content type

NAME	OPERATIONS			
Article (Machine name: article) Use articles for time-sensitive content like news, press releases or blog posts.	edit	manage fields	manage display	delete
Basic page (Machine name: page) Use basic pages for your static content, such as an 'About us' page.	edit	manage fields	manage display	delete

- Default Content types: Article and Basic page
- Pre-defined set of data types (fields) which relate to each other

Why would you need a custom Content Type?

STRUCTURE > CONTENT TYPES

- Collect structured data
- Custom template/form to help you collect "correct" data
- Custom views based on your Content type

EXAMPLE CONTENT TYPE AND ITS FIELDS DRUPAL CAMP SESSIONS

- Presentation title
- Date
- Time
- Presentation description
- Presenter name
- Link to PDF file
- Interested audiences (e.g., beginner, intermediate, advanced)

Edit your Content Type

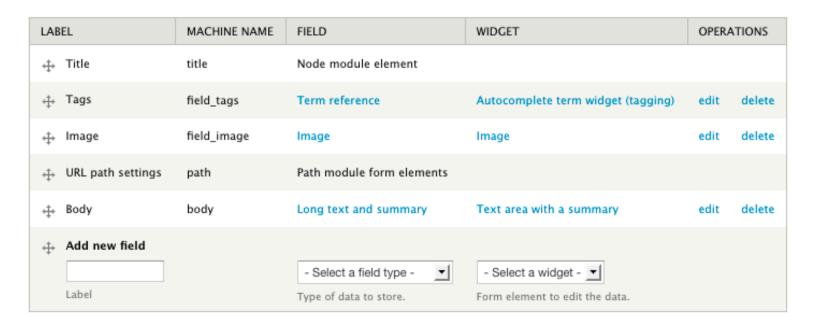
STRUCTURE > CONTENT TYPES > ARTICLE

Name "	
Article	Machine name: article [Edit]
	his content type. This text will be displayed as part of the list on the <i>Add new content</i> page. It begin with a capital letter and contain only letters, numbers, and spaces. This name must be
Description Use articles for time	ne-sensitive content like news, press releases or blog posts.

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

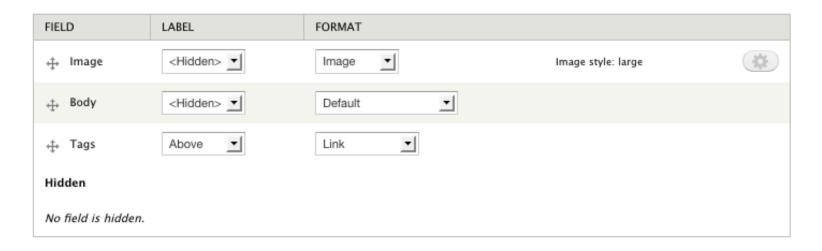
Manage fields

STRUCTURE > CONTENT TYPES > ARTICLE > MANAGE FIELDS



Manage display

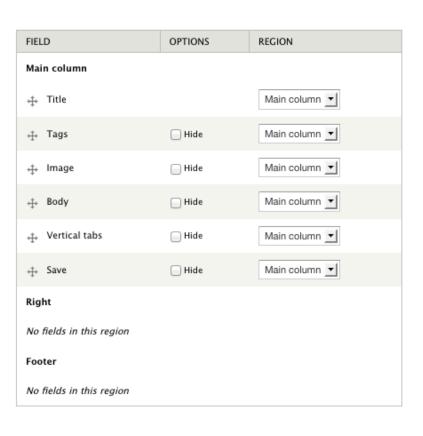
STRUCTURE > CONTENT TYPES > ARTICLE > MANAGE DISPLAY



- Customize what is displayed on your website
- Show/hide the field label
- Format fields
- Hide the entire field

Manage form

STRUCTURE > CONTENT TYPES > ARTICLE > MANAGE FORM

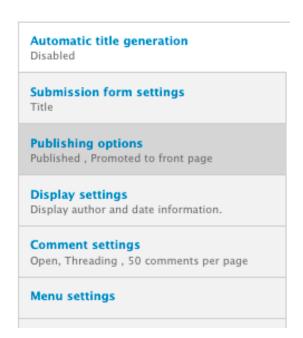


- Enable Node form columns module
- Customize your editing web form
- Change the field order
- Change the display region

Add a new Content type

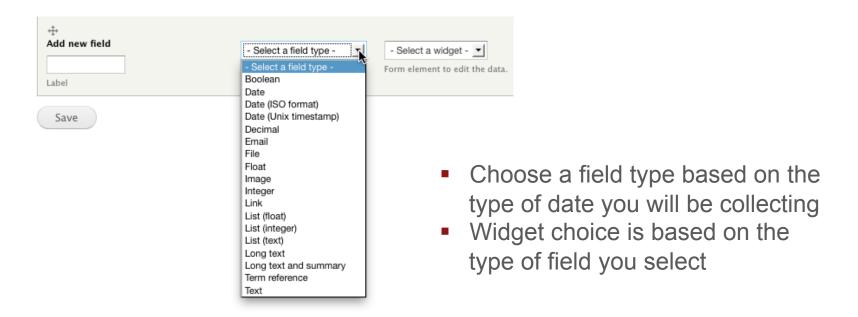
STRUCTURE > CONTENT TYPES > ARTICLE

- Name
- Description
- Title
- Publishing options
- Display settings
- Comment settings
- Menu settings



Add new field

STRUCTURE > CONTENT TYPES > ARTICLE > MANAGE FIELDS



Field types

STRUCTURE > CONTENT TYPES > ARTICLE

HTTP://DRUPALLADDER.ORG/LESSON/FDF6CDF3-2FBB-67E4-E971-40A99E6370A5

- Boolean: Allows users to choose one of two options, using either radio buttons or an on/off checkbox.
- Decimal: Allows exact decimal values.
- File: Allows users to upload a file (note that there's a separate field type for images). It's useful if you want to attach a
 document, such as a PDF.
- Float: Allows floating-point values. Floating-point values represent approximate decimal values.
- Image: Allows users to upload images and attach them to the node. These images could be displayed in their raw form, hidden and then inserted into the body using the Insert module, or hidden and called using a node template. This field is extremely flexible and can be tailored to your needs.
- Integer: Allows users to enter whole numbers, such as years (e.g. 2012) or values (e.g. 1, 2, 5, 305). It does not allow decimals.
- List (float): Allows floating-point values from a predefined list. Floating-point values represent approximate decimal values.
- List (integer): Allows whole number values from a predefined list.
- List (text): Allows text values from a predefined list.
- Long text: Allows users to enter chunks of text in a textarea field with multiple rows, with no summary option (see below).
- Long text and summary: Allows users to enter chunks of text in a textarea field with multiple rows, with an option to enter a summary, or brief excerpt that describes the text. This could be used if you were creating a blog with short excerpts on the index page the post itself would be in the long text field, and the brief excerpt that displayed on the index page would be pulled from the summary field.
- Term reference: Links the node to a vocabulary. After this is added, tags from this vocabulary can be selected on each node that uses this content type.
- Text: Allows users to enter text in short, row-less fields. This is ideal for small phrases, since long sentences can't be seen in the small text field.

Add an existing field

STRUCTURE > CONTENT TYPES > BASIC PAGE > MANAGE FIELDS



- Choose an existing field from another Content Type which you want to share data
- Widget choice is based on the type of field you select

Super helpful Modules to enable!

Modules

- Link
- Insert
- Date pop-up
- Taxonomy Manager
- CSS Injector
- Block class
- And lots more...

Questions and Where to go Next

DRUPAL CAMP SESSIONS

http://drupalcamp.stanford.edu/sessions/schedule

STANFORD WEB SERVICES

- http://webservices.stanford.edu
- http://swsblog.stanford.edu

OTHER CAMPUS RESOURCES

- http://techtraining.stanford.edu
- drupallers@lists.stanford.edu

Thanks for coming!



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