

HELLO DRUPAL



Your welcome pack to Drupal

Prepared by

AcquiaTM

for the Drupal community

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Feedback

Your feedback is much appreciated. Please don't forget to tell us about your experience.

<http://www.acquia.com/training-feedback>

We're always improving these materials and keeping them up to date. The modules are often updated in between publishing dates. You may find some differences in the user interface, especially discrepancies in screenshots. We appreciate your feedback and will work as quickly as possible to incorporate any corrections.

Appendix

Please download the PDF full appendices available at <http://tinyurl.com/trainingappendix>

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Course overview

This is a free introductory course for people who are curious about Drupal, and want to find out more. Your Drupal guide will help you get up to speed with Drupal more quickly than if you tried on your own.

First you'll find out about your Drupal Guide delivering the Hello Drupal tour, and also learn about the other people in the room with you.

Prerequisites and prior experience

This course is suitable to anyone who is interested in building a website or application online. This may mean you're an experienced web developer, or a trapeze artist making her first website for an alternative circus. Your Drupal guide will tailor the presentation to suit your own needs. Make sure you speak up to ask questions!

Schedule

These times are a guideline, based on a 9am start. You're free to start any time. Drupal for dinner? Sure!

If you're guiding this session, please refer to tips for customization. <http://j.mp/hellocustom>

3 hour schedule

As soon as you sit down, get your site set up on Drupal Gardens.

Start	Duration	Session	Description
On arrival		Before we start	Get your site set up on Drupal Gardens!
9:00	15 mins	Welcome	Introduction
9:15	45 mins	Session 1	What is Drupal?
10:00	50 mins	Session 2	Thinking like Drupal
10:50	10 mins	Break!	Take a short break
11:00	30 mins	Session 3	Configuration before code
11:30	30 mins	Session 4	Opportunity and community

1.5 hour schedule

As soon as you sit down, get your site set up on Drupal Gardens.

Start	Duration	Session	Description
On arrival		Before we start	Get your site set up on Drupal Gardens!
9:00	15 mins	Welcome	Introduction
9:15	30 mins	Session 1	What is Drupal? (no review)
10:30	30 mins	Session 2	Thinking like Drupal (no review)
1:00	15 mins	Session 3	Configuration before code (no review)

45 minute schedule

You won't need to prepare anything for this version, and you don't need a computer.

Start	Duration	Session	Description
9:00	5 mins	Welcome	Introduction
9:15	15 mins	Session 1	What is Drupal? (no demo or review)
10:30	15 mins	Session 2	Thinking like Drupal (no demo or review)

As you arrive: Getting set up

If you're joining this workshop as a 1.5 or 3 hour session, you will need to set up your own account on Drupal Gardens and get your site set up.

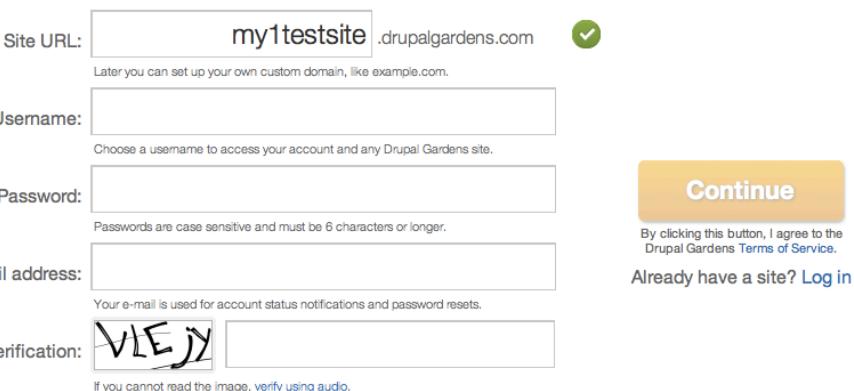
What is Drupal Gardens?

We'll use Drupal Gardens as our learning sandbox. This Acquia-hosted and maintained service contains a selection of many popular modules. It's a great way to get started with Drupal, and of course, you're welcome to stay.

Exercise: Create your first Drupal site

1. Go to Drupal Gardens at <https://www.drupalgardens.com>
2. Click "Create a free site".
3. You'll create an account to make your site. Follow the on-screen instructions.

Create the next social phenomenon.



The screenshot shows the 'Create a free site' form. It includes fields for Site URL (with placeholder 'my1testsit'.drupalgardens.com'), Username (placeholder 'Choose a username to access your account and any Drupal Gardens site.'), Password (placeholder 'Passwords are case sensitive and must be 6 characters or longer.'), E-mail address (placeholder 'Your e-mail is used for account status notifications and password resets.'), and Word verification (text input containing 'VIEJY'). A green checkmark icon is next to the Site URL field. To the right is a yellow 'Continue' button with the text 'By clicking this button, I agree to the Drupal Gardens Terms of Service.' and a link 'Already have a site? Log in'.

4. Select option to "Create your own template"

Choose a template or create your own

Select a pre-built template, or start from scratch. Then turn on the features you want.



Create your own template

Create a social site with the features you want.

5. There are a variety of features to choose from. For the tutorial you must disable all features. Under Select choose "none".

6. Click **Create site**.
7. When it's complete you will be logged in automatically to your new site. You will also receive an email notification to confirm.

The administration area

Quick Demo: The administration tour

In this unit we'll familiarize ourselves with the main sections of the administration area. You are logged in as the *superuser*. As this superuser you have access to all the controls to customize your website.

- The **overlay** can be turned on and off for different kinds of users. By default all of the administrative functions are performed in the “overlay”. This provides a consistent

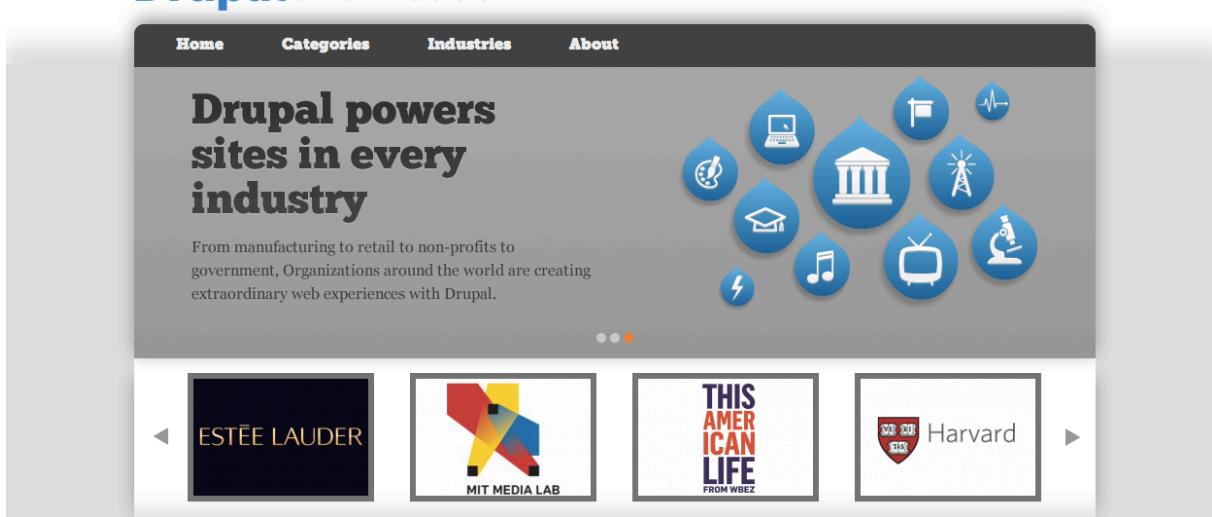
administration experience for all DrupalGardens sites, and makes a clear separation between what visitors see and what site administrators see. You can also turn off the overlay entirely, and change the look of the admin area.

- The **admin bar** shows the top-level categories of all admin functions on the site. A user will only see those options that they have access too.
- The **shortcut bar** can be customized and different sets can be created. Users only see links they have access to.
- Note that the **save button** in Drupal is located at the bottom of each page... *usually!*

What we'll do today

Reverse engineer example sites

You'll also learn from popular cases and examples of Drupal sites from all over the world in different industries. Many of these can be found on DrupalShowcase.com



Make your own "Coming soon" site

By learning about the components which make up the All News Site, and other cases, we'll apply what we're learning to make our own Coming soon site. You can see an example at <http://your.drupalgardens.com>

1. Configure your site name and slogan.
2. Create a static block of text.
3. Add new content.
4. Add a webform to collect information from visitors.
5. If you have time, add a banner.

Your site will look different, because a random design was applied when you started.

Modern Office Planning, Inc

Increasing productivity through spatial planning

1.

Our location

2.

25 Corporate Drive, 4th Floor
Burlington, MA 01803



Flickr cc Matt Gibson

Keep in touch!

New site coming soon!

Sign up to be notified as soon as we launch.

Name

E-mail *

About you....

- Vendor
 Partner
 Client

4.

Any questions?

Welcome

3.

Raw

Edit

We'll be launching our new site next month. You will be able to get the latest news and offers. As well as tips and advice from our experts and others. Please sign up to find out more about.

- Membership
- Galleries
- Forums

See you soon!

If you don't customize the content you'll end up with something like this, but feel free to customize the content.

[My account](#) [Log out](#)

Coming soon!

About to be the next big thing.

About News

Our location

25 Corporate Drive, 4th Floor
Burlington, MA 01803

New site coming soon!

Submitted by [heather](#) on Fri, 03/23/2012 - 17:33

We're excited about our new site which will make it easier for us to connect to our clients.



Read more

Add new comment

Sign up

Your name

E-mail *

Which best describes you?
 A potential client
 A potential partner
 Just curious!

How can we help you?

This is a sample news item

Submitted by [heather](#) on Tue, 03/20/2012 - 13:32

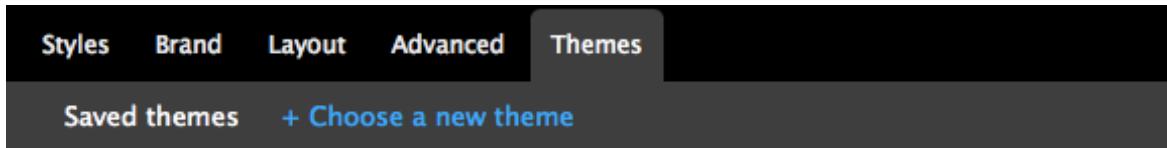
News items are intended for content such as announcements, press releases and other time-specific information. News items are one of many content types you can display on your site. This news item is promoted to the front page.

To change your site's front page, click Configuration > Site Information.
To add another News item, click Add content > News item.

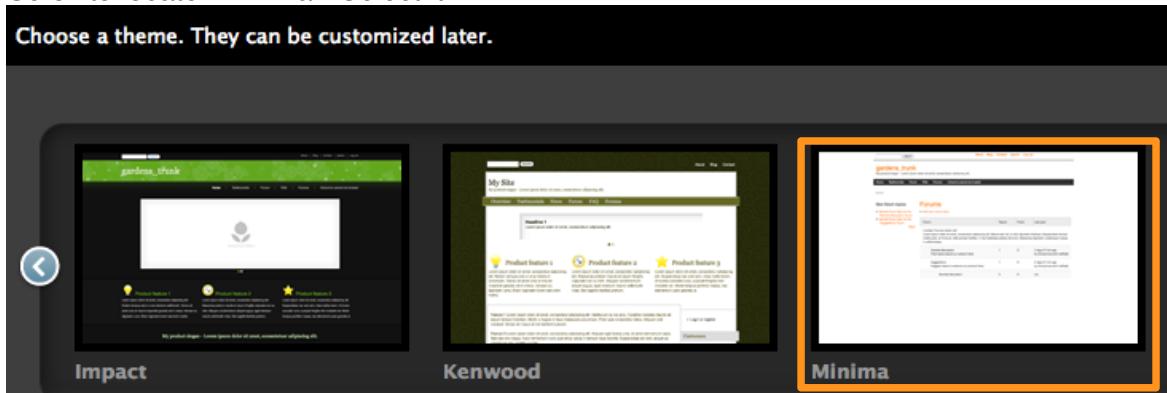
Optional exercise: Change the design

If you want the same design as this one above, you can use the ThemeBuilder tool. This is one of the only features that is particular to the Drupal Gardens service. Whenever you export your site, your settings are exported, and your site will look the same, but the ThemeBuilder tool won't be there.

1. Click Appearance. This launches the bottom window ThemeBuilder.
2. Click + Choose new theme.



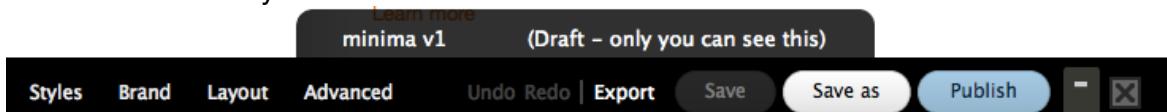
3. Scroll to locate "Minima". Select it.



4. Click "Choose". And you will be prompted to give it a new name, of your own choice.



5. Click "Publish" and your theme will be live.



Welcome & Introduction

In this introduction, depending on the size of your group, you may be able to introduce yourself and talk about your own goals. Having a clear goal can help plot your path to success with Drupal. It helps if you share this with your guide or instructor.



What we'll do today

In this short presentation, we'll....

- Make sure you have everything you need. (Did you set up your Drupal Gardens site?)
- Point out the differences between Drupal Gardens and Drupal.
- We'll get an overview of what you'll be doing.



Exercise: Change your site title

The *title* of your site will appear in the title bar of your browser and in search engine results. The *slogan* will appear on the front page title bar, and under the heading of the site. What will you call your site? In our example, we're making a holding page for a coming soon site. What's coming soon? Your first Drupal site!

1. Go to Configuration > System > Site Information. You can come up with your own details, or use these examples below.

- Site Name: “Coming soon!”
 - Slogan: “About to be the next big thing.”
 - Leave remaining defaults for now, but notice that you will set the default front page here later, and you can also set specific error pages here as well.
2. Scroll down to the bottom of the page. Click **Save configuration**.
 3. Click the X to close the overlay. Your site will refresh showing your new name.

Your site will look different, because a random design was applied when you started.

[My account](#) [Log out](#)

Coming soon!

About to be the next big thing.

Session 1 Manage reusable content with Drupal

In this session you'll get some practical insight into what makes Drupal so different from other systems you may be familiar with.

Unit 1.1 - Presentation: What is Drupal?

Is it a CMS or a Framework? In this unit get familiar with some of the main terminology of Drupal to clear up any confusion.

Presentation: What is Drupal?

Main points:

- Drupal's strengths.
- The software and the community.

What's in the box? What does Drupal do?

- Drupal is different from other systems you may know. Drupal was developed to allow non-technical people to not only create content, but also manipulate how the content is entered, displayed and laid out.
 - Content types and fields as the basis for any Drupal site or application.
-

Unit 1.2 - Cases: Many kinds of content

From a technical point of view, content types help you model data. These is why people come to your site: to view "rental properties", to read "recipes", to review a "restaurant". And each one of those types has unique content: a web address, a postal address, a rating, categories, etc.

Economist.com <http://www.economist.com/> is one of the best examples of a robust site done with Drupal. A complex publication with many authors, regional content, multimedia and more. Plenty of opportunities for audience participation.

Directgov Innovate <http://innovate.direct.gov.uk/> on the other hand is a straightforward example of a micro-site for an important initiative. Direct.gov.uk have a large and robust website, however, they found Drupal was a good solution for this initiative to increase citizen engagement.

Unit 1.3 - Static blocks

In this unit we'll see how to add a static "block". Later we'll learn how this is different from other content.

The screenshot shows a website front page with the following content:

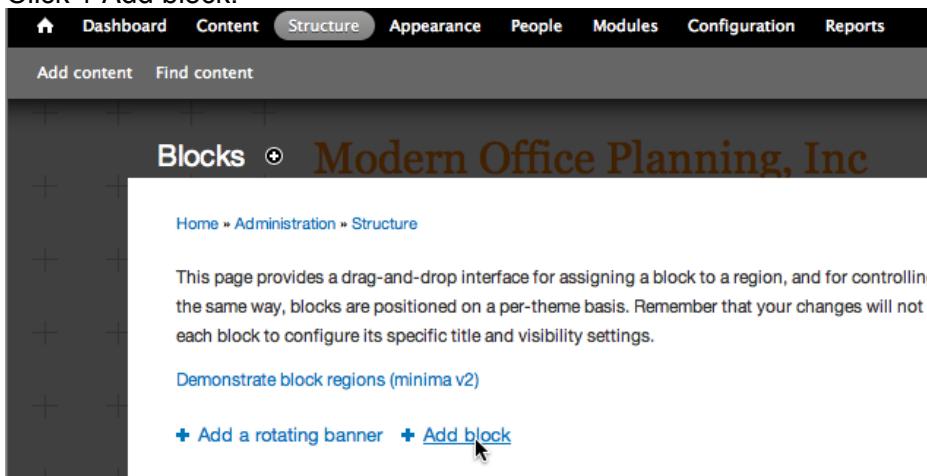
- A header bar with "My account" and "Log out" links.
- A main heading "Coming soon!" with the subtext "About to be the next big thing."
- A sidebar box titled "Our location" containing the address "25 Corporate Drive, 4th Floor" and "Burlington, MA 01803".
- A main content area titled "This is a sample news item" submitted by "heather" on "Tue, 03/20/2012 - 13:32".
- A note below the news item stating: "News items are intended for content such as announcements, press releases and other time-specific information. News items are one of many content types you can display on your site. This news item is promoted to the front page."
- Instructions at the bottom: "To change your site's front page, click Configuration > Site Information. To add another News item, click Add content > News item."
- Links at the bottom: "Learn more", "Read more", and "Add new comment".

Exercise: Add a block

A. Add the block

1. Go to Structure > Blocks. (On this page you see all the blocks as positioned in the regions on the site. More about this later!)

- Click + Add block.



2. Configure the form:

- Block title: "Our location".
- Block description: Address block.

- In the block body, fill out an address.

[Home](#) » [Administration](#) » [Structure](#) » [Blocks](#)

Use this page to create a new custom block.

Block title

Our location

The title of the block as shown to the user.

Block description *

Address block

A brief description of your block. Used on the [Blocks administration page](#).

Block body *

Safe HTML



25 Corporate Drive, 4th Floor
Burlington, MA 01803

3. Scroll down to Block location.

- Region: Select "Sidebar A".

BLOCK LOCATION

Specify the location of this block by choosing a region.

Region

Sidebar A

4. Under Visibility settings > Pages > Show block on specific pages

- Select 'Only the listed pages'.
- Type in <front>.

Visibility settings

Pages

Restricted to certain pages

Content types

Not restricted

Roles

Not restricted

Users

Show block on specific pages

All pages except those listed

Only the listed pages

<front>

5. For now, keep all remaining defaults. Click "Save block".

B. Reposition blocks

1. After you save your new block, you will be redirected to the Block administration page. Scroll down to Sidebar A.

Sidebar A		
⊕	Search form	Sidebar A <input type="button" value="▼"/>
⊕	Address block	Sidebar A <input type="button" value="▼"/>
⊕	Drupal Gardens login	Sidebar A <input type="button" value="▼"/>
⊕	Navigation	Sidebar A <input type="button" value="▼"/>

2. Use the drop-down menu and select "None" for The Search form, Drupal gardens login and Navigation.
3. Scroll down to the Disabled blocks list. You can see there not only the blocks you disabled, but other blocks you can use as well, such as a "Recent comments" block. Later you'll learn how to make new blocks of content.

Disabled		
⊕	Navigation*	- None - <input type="button" value="▼"/>
⊕	Drupal Gardens login*	- None - <input type="button" value="▼"/>
⊕	Search form*	- None - <input type="button" value="▼"/>
⊕	Most recent poll	- None - <input type="button" value="▼"/>
⊕	Recent comments	- None - <input type="button" value="▼"/>

4. Click "Save Blocks".

Unit 1.4 - Adding and editing content

In this unit, we see how to add new content, manage existing content. You'll be able to compare the differences between the content you added in blocks and the article or basic page you add.

Exercise: Add an article

Purpose: As a content editor, I'd like to add an article with an image.

[My account](#) [Log out](#)

Coming soon!

About to be the next big thing.

Our location

25 Corporate Drive, 4th Floor

Burlington, MA 01803

New site coming soon!

Submitted by [heather](#) on Fri, 03/23/2012 - 17:33

We're excited about our new site which will make it easier for us to connect to our clients.



[Read more](#)

[Add new comment](#)

This is a sample news item

Submitted by [heather](#) on Tue, 03/20/2012 - 13:32

News items are intended for content such as announcements, press releases and other time-specific information. News items are one of many content types you can display on your site. This news item is promoted to the front page.

A. Add new article

1. Choose Add content from the shortcut bar.

The screenshot shows the top navigation bar of a Drupal site. It includes links for Home, Dashboard, Content, Structure, Appearance, and People. Below this is a secondary navigation bar with 'Add content' and 'Find content' options. A yellow arrow points to the 'Add content' link.

2. Choose Article.

The screenshot shows a modal window titled 'Add content'. It lists three content types: 'Article', 'Basic page', and 'Poll'. The 'Article' option is highlighted with a blue background and has a yellow arrow pointing to it. A description for each type is provided below them.

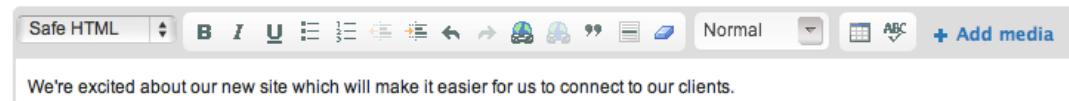
Content Type	Description
Article	Use <i>articles</i> for time-sensitive content like news, press releases or blog posts.
Basic page	Use <i>basic pages</i> for your static content, such as an 'About us' page.
Poll	A <i>poll</i> is a question with a set of possible responses. A <i>poll</i> , once created, automatically provides a response.

3. Fill in the form with a news item you'd like to see. These settings are an example:

- Title: New site coming soon!

- Body: Fill in something like "We're excited about our new site which will make it easier for us to connect to our clients."

Body (Edit summary)



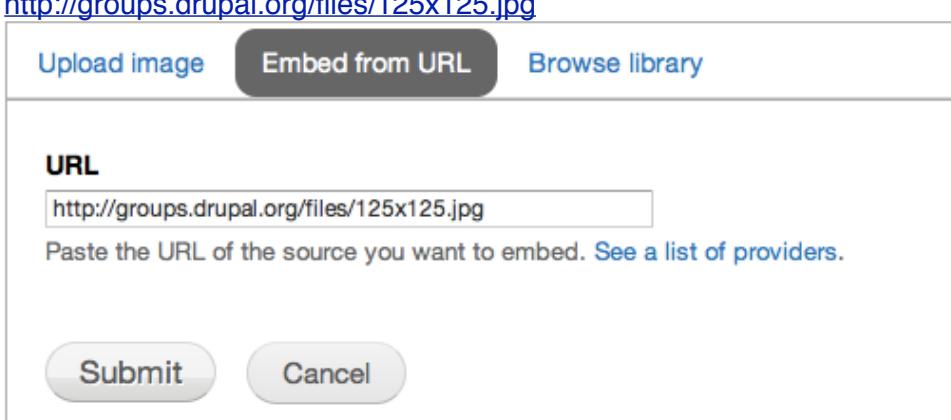
The screenshot shows a WYSIWYG toolbar with various icons for text formatting (bold, italic, underline, etc.). To the right of the toolbar is a dropdown menu set to 'Normal'. At the far right of the toolbar is a blue button labeled '+ Add media' with a small camera icon. A yellow arrow points to this '+ Add media' button.

B. Add an image

1. Click + Add media to the right of the content editing WYSIWYG toolbar. This opens the upload file dialog box.

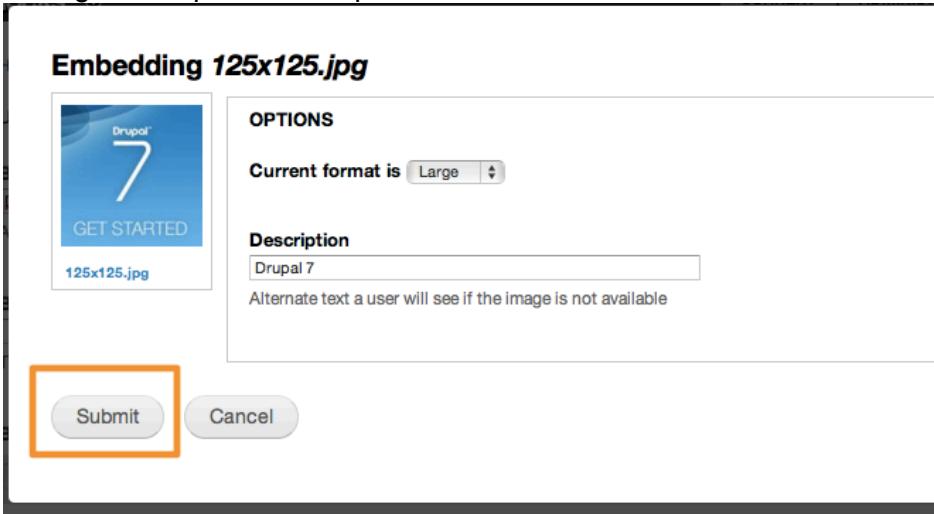


2. Choose Upload a new image from your computer. Choose file. Click "Embed image/video"
3. Enter the following in the Image / video URL box, and click submit.
<http://groups.drupal.org/files/125x125.jpg>



The screenshot shows a dialog box titled 'Embed from URL'. It has three tabs at the top: 'Upload image', 'Embed from URL' (which is selected and highlighted in grey), and 'Browse library'. Below the tabs is a 'URL' input field containing the URL <http://groups.drupal.org/files/125x125.jpg>. Below the URL field is a placeholder text: 'Paste the URL of the source you want to embed. See a list of providers.' At the bottom are two buttons: 'Submit' (highlighted with a yellow arrow) and 'Cancel'.

4. Change description to "Drupal 7" and click "Submit".



The screenshot shows a dialog box titled 'Embedding 125x125.jpg'. On the left is a thumbnail image of a Drupal 7 logo with the text 'Drupal 7 GET STARTED 125x125.jpg'. To the right is an 'OPTIONS' section. Under 'Current format is' is a dropdown menu set to 'Large'. Under 'Description' is an input field containing 'Drupal 7'. Below the description field is a placeholder text: 'Alternate text a user will see if the image is not available'. At the bottom are two buttons: 'Submit' (highlighted with an orange box) and 'Cancel'.

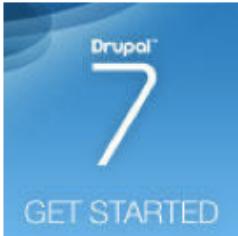


Image handling

Soon we'll see more powerful options for media handling. We'll also see alternative ways to connect images to your content.

- Your image should appear in the Body content area.

Body (Edit summary)



We're excited about our new site which will make it easier for us to connect to our clients.

- Click "Publish" to save your content and make it appear on your site. You can also Preview and Save as draft if you would like to edit it later.

C. Review your new content

- As soon as you save your news item you'll land on the full page for that. Notice the URL may be like yours.drugardens.com/content/new-site-coming-soon
- You can also see the comment form appearing.

New site coming soon!

[View](#) [Edit](#)

Submitted by **heather** on Fri, 03/23/2012 - 16:57

We're excited about our new site which will make it easier for us to connect to our clients.



Post new comment

Your name
heather

Subject

Comment *

[Safe HTML](#) [B](#) [I](#) [U](#) [List](#) [Image](#) [99](#) [+ Add media](#)

- Click the site title and go back to the front page. You see a clipped version of the content and you don't see the comment form. Now you have two news items appearing on the front page.



Challenge exercise: Add a new "About" page

Follow the same steps for adding an article, yet this time choose "Basic page".

- Set the title: "About".
- Fill out sample content for the body of the page.

3. Scroll down and select "Provide a menu link".

Menu settings

About

Revision information

No revision

Comment settings

Closed

Search engine optimization (SEO)

Automatic alias

Authoring information

By heather

Promotion settings

Not promoted

Provide a menu link

Menu link title

About

Description

Shown when hovering over the menu link.

Parent item

<Main menu>

Weight

0

Menu links with smaller weights are displayed before links with la

Publish **Save as draft** **Preview**

4. Leave all remaining defaults.
5. Click "Publish".
6. If you were successful you will be brought to a page like this one, and you see a new menu appearing on your screen. The new content appears in the content area.

Coming soon!

About to be the next big thing.

About

Basic page About has been created.

Our location

25 Corporate Drive, 4th Floor
Burlington, MA 01803

About

View **Edit**

This is all about us!

Unit 1.5 - Review: How would you do this?

Even though you've only seen a few things in Drupal so far, can you think of how you'd make a site like this? Think up some ideas based on what you know so far or what you suspect based on what you've heard about Drupal.

The wireframe shows a website layout with the following elements:

- Header:** A blue circle containing the number **1**. The page title "Build stuff" and tagline "Let's make awesome stuff" are at the top. A search bar is on the right.
- Breadcrumbs:** Home > The Build Stuff Story > Tutorials > Become a tutor
- Content Area:** A large box containing:
 - Section 1:** "Make a musical cat toy" with a description: "Midi files and cardboard! Aliquam urna risus, sagittis sit amet imperdiet et, mattis ac arcu. Donec fringilla adipiscing tortor!"
 - Section 2:** "Build your own solar powered tree house" with a description: "Download our plans for this awesome tree house. Quisque blandit, odio non suscipit egestas, ante lacus dapibus sem. Aenean et fermentum ligula. Quisque ac augue ligula?"
 - Call-to-action:** "Find more tutorials"
 - Category list:** Two columns of bullet points:
 - Recycled materials
 - Eco friendly
 - Make with kids
 - Musical
 - Outdoors
 - Indoors
- Right Sidebar:** A box titled "Featured tutor!" containing a placeholder image of a smiling person. A blue circle containing the number **2** is placed over the sidebar area.
- Bottom Right:** A box titled "Latest video" containing a large play button icon and three small circular navigation icons. A blue circle containing the number **3** is placed over the bottom right corner.

Session 2 Click-together assemble your site

In this session you'll learn what is so different about Drupal's page model and what that is going to be a great help in making your next web site or application flexible and extensible.

Unit 2.1 - Presentation: The assembled web

Presentation: Thinking like Drupal

Main points:

- A popular metaphor in the Drupal community is "Lego bricks". Abstract building blocks.
- Out of the box... not exciting. You need assemble modules to extend Drupal.

Page model in Drupal

- There's no "page" model in Drupal, compared to other CMSs. Pages are assembled.
- Distributions satisfy a use-case.

Unit 2.2 - Case: Controlling display

Now you may have a better idea of how content is gathered, but how is it displayed? And how is it brought together? We'll look at some example sites and see how they are assembled from sub-components which are re-used in different ways.

Opensource.com <http://opensource.com/> is an active source of news and articles about how open source is changing the way we work beyond just technology. They have a front page, landing pages per sector, and full pages for content.

London.gov.uk <http://london.gov.uk/> contains not only lots of content and media, but also points for people to participate in their government. It's a source of essential information as well as promoting London to visitors and fans.

Unit 2.3 - Exercise: Basic listings

Next, you'll find out how to make selected listings of content, terms or users, and how to make them appear in different parts of your site. You will see how to get fine-grained control over how your content displays. We'll start with this simple example, and do some more complex configurations later.

Exercise: Create a basic list of content

A. Enable the Views module

1. Go to Modules listing. Locate the Views module. Select it.

<input checked="" type="checkbox"/>	Views	7.x-3.0-rc1	Allows you to create custom displays or mashups of content, media, users, and more. Required by: Views Bulk Operations (disabled)
-------------------------------------	-------	-------------	--

2. Scroll down and click **Save configuration**.

B. Add the view

1. Go to Structure > Views. Click + Add new view.
2. Configure your view with the following settings.
 - View name: News
 - Description: This is a list of news titles on the site.
 - Show: Select "Content" of type "Article" sorted by "Newest first"

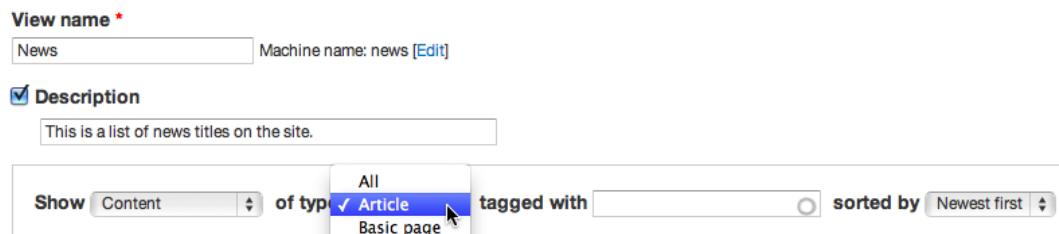
View name *

News Machine name: news [Edit]

Description

This is a list of news titles on the site.

Show Content of type Article All tagged with Basic page sorted by Newest first



3. Select "Create a page".

Create a page

Page title

News

Path

http://12121none.drupalgardens.com/ news

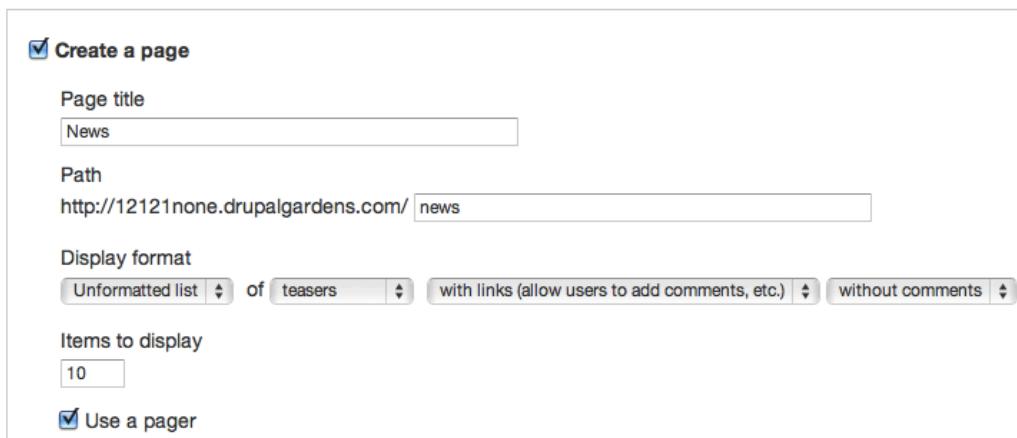
Display format

Unformatted list of teasers with links (allow users to add comments, etc.) without comments

Items to display

10

Use a pager



- Keep all the defaults as shown above, except click "Create a menu link". Keep these defaults.

Create a menu link

Menu

Main menu

Link text

News

4. Select "Create a block". For Display format select "HTML list".

Create a block

Block title

Display format
HTML list of

Items per page

Use a pager

5. Click **Save & exit**.

C. Check your site

Click the page title to go to the front page. You will see the News link in a menu now. If you did the Challenge exercise earlier, you have an About page link as well.

Coming soon!

About to be the next big thing.

News

Our location

25 Corporate Drive, 4th Floor

Burlington, MA 01803

New site coming soon!

Submitted by [heather](#) on Fri, 03/23/2012 - 17:33

We're excited about our new site which will make it easier for us to connect to our clients.

Drupal™



Challenge exercise: Place the block

You also created a block when you made this view. Can you think of where you might find this? How would you place it on your sidebar?

Coming soon!

About to be the next big thing.

About News

Our location

25 Corporate Drive, 4th Floor

Burlington, MA 01803

New site coming soon!

Submitted by heather on Fri, 03/23/2012 - 17:33

We're excited about our new site which will make it easier for us to connect to our clients.

News

- [New site coming soon!](#)
- [This is a sample news item](#)



[Read more](#)

[Add new comment](#)

Unit 2.4 - Review: How would you do this?

Based on what you've seen so far, how would you make a site like this?

The wireframe shows a website for 'Museum of wonderful things'. At the top, there's a navigation bar with links for Home, What's on, Plan your visit, and About us. To the right is a search bar and social media links for Facebook and Twitter. The main content area has three sections: 'From current exhibitions' (with three placeholder boxes crossed out with an 'X'), 'Interview with Museum director' (with a placeholder box crossed out with an 'X' and a video player interface), and 'Upcoming exhibitions' (listing items 1 through 6). Blue circles with numbers 1, 2, and 3 point to specific design elements: 1 points to the crossed-out exhibition boxes; 2 points to the social media links; and 3 points to the list of upcoming exhibitions.

Museum of wonderful things

Home | What's on | Plan your visit | About us |

From current exhibitions

Download a map

Explore the museum online

like us follow us

Join member club

Interview with Museum director

Upcoming exhibitions

- Pretty things
- Things from the basement
- Things in the ground
- Old things
- New things
- Things under the bed

Session 3 Save time, cut costs with rapid development

Drupal is modular. This helps each project mold and shape to fulfill particular needs. In this session you'll see how using components available from the Drupal community will save you time, and also strengthen the project.

Unit 3.1 - Configuration before code

Presentation: Extending Drupal

- Extending and customizing Drupal
- Modules extend functionality, there is core, contrib and custom.
- Themes change the way output is rendered on the screen.
- Distributions gather a selection of modules, custom themes and code with configuration.
- Projects have a lifecycle and evolve.
- How to evaluate a project.
- Don't hack core!

Presentation: Configuration before code

Main points:

- Why we have CMSs in the first place. For a less technical audience.
 - Drupal's layers in the system. For a more technical audience.
-

Unit 3.2 - Case: Configuring functionality

Varnish Software <https://www.varnish-software.com/> is a technology service company. They use their site to generate leads for business and keep partners and users up-to-date on the latest developments.

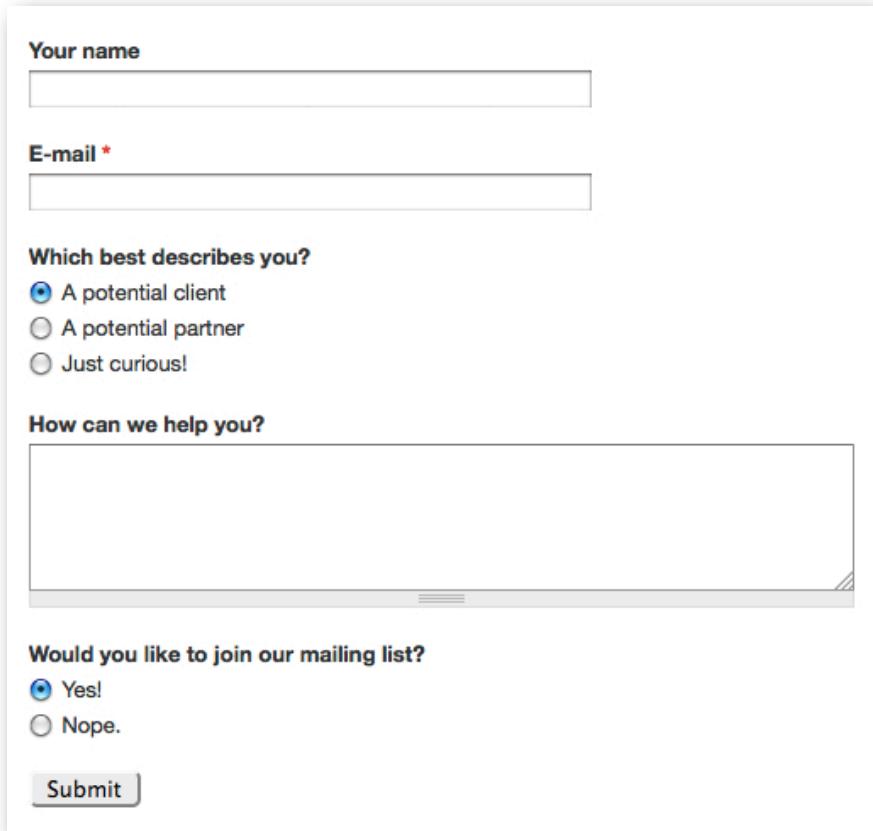
Telenet <http://klantenservice.telenet.be> is Belgium's biggest broadband provider. They use this support portal to help users find the resources they need quickly. Relating content and getting people to their destination with as few clicks as possible is key.

Unit 3.3 - Configure a new module

In this unit you'll see how to add new functionality to your site. In this case, you'll add a webform. Later, you can compare the differences between the forms you use for adding content with the webform you make for site visitors.

Exercise: Add a webform

Webforms are a great way to capture information from visitors. Out of the box, Drupal doesn't have this functionality, because Now, you will add a webform like this one to your site.



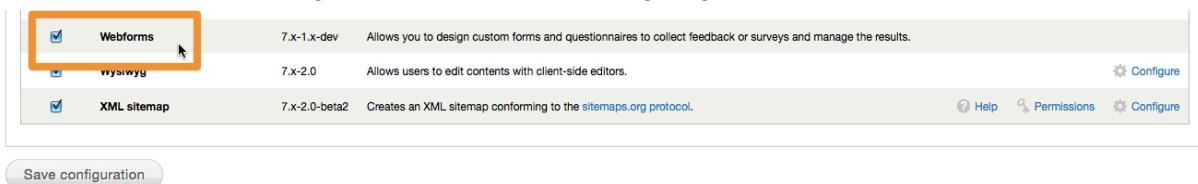
The form consists of the following fields:

- Your name**: A text input field.
- E-mail ***: A text input field with a required asterisk.
- Which best describes you?**: A set of three radio buttons.
 - A potential client
 - A potential partner
 - Just curious!
- How can we help you?**: A large text area for comments.
- Would you like to join our mailing list?**: A set of two radio buttons.
 - Yes!
 - Nope.

Submit: A button at the bottom of the form.

A. Enable the Webforms module

Go to Modules in the admin bar to see a list of available modules. Find the Webforms module listed by scrolling down the modules listing page.



The screenshot shows the 'Webforms' module selected in the list. The module details are as follows:

<input checked="" type="checkbox"/>	Webforms	7.x-1.x-dev	Allows you to design custom forms and questionnaires to collect feedback or surveys and manage the results.	
<input type="checkbox"/>	wysiwyg	7.x-2.0	Allows users to edit contents with client-side editors.	
<input checked="" type="checkbox"/>	XML sitemap	7.x-2.0-beta2	Creates an XML sitemap conforming to the sitemaps.org protocol .	  

Save configuration: A button at the bottom left.

1. Select "Webforms"
2. Click **Save configuration**.

B. Create the webform

Go to Add content > Webform. This loads the *Create Webform* window.

1. Title: "Sign up"

2. Drag over a Text field.

The screenshot shows the 'Create Webform' interface. At the top, there's a title 'Keep in touch!' and tabs for 'Add field' and 'Field settings'. Below is a 'Fields' section with two options: 'Text field' and 'Multi-line text field'. To the right is a toolbar with a 'Text field' button highlighted by a red arrow. A large orange arrow points from the 'Text field' button in the list to the 'Text field' button in the toolbar.

3. Click on the Text field to load the field settings options. Change label to "Your name".

The screenshot shows the 'Field settings' interface for a text field. On the left, under 'Properties', is a 'Label' field containing 'Your name'. To the right is a yellow-highlighted area containing an input field labeled 'Your name' with a 'Delete' link.

4. Click Add field tab > Drag over Email field.

5. Click Field settings > Click to expand "Validation". Select Required.

The screenshot shows the 'Field settings' interface for a text field labeled 'Your name'. On the left, the 'Validation' section is expanded, showing a checked 'Required' checkbox highlighted by a red box. To the right is a yellow-highlighted area containing an input field labeled 'E-mail *' with a 'Delete' link.

6. Click Add field tab. Drag Radio buttons.

7. Under field settings, change Label to "Which best describes you?".

8. Click to expand Options. Add the values:

The screenshot shows the 'Field settings' interface for a radio button group labeled 'Which best describes you?'. On the left, the 'Options' section is expanded, showing three items: 'A potential client' (selected), 'A potential partner', and 'Just curious!'. To the right is a yellow-highlighted area containing the radio button labels and their descriptions.

DEFAULT	VALUE
<input checked="" type="radio"/>	A potential client
<input type="radio"/>	A potential partner
<input type="radio"/>	Just curious!

- A potential client
- A potential partner
- Just curious!

9. Next add a Multi-line text field. Set the label to "How can we help you?"

10. Finally- following the similar steps add a field where visitors can indicate if they want to join your mailing list. Which field type and settings would you use?

C. Explore Webform configuration options

Scroll down to see the configuration options. The Webform has some of the same options as any other content type in Drupal.

Click the “Form settings” tab, you have these options, no changes necessary.

Option	What does it do?
Submission Settings	Customize confirmation , customize the message after submission.
Submission Access	Set who can fill in your form. Anonymous users? Only logged-in authenticated users?
Advanced settings	Here you can create a block to place on your page.

1. Click to expand “Advanced Settings” under the form settings tab.
2. Select “Create a block”.

The screenshot shows the 'Form settings' tab expanded. On the left is a sidebar with links: 'Menu settings' (Not in menu), 'Revision information' (No revision), 'Comment settings' (Closed), 'Search engine optimization (SEO)' (Automatic alias), 'Authoring information' (By heather on 2012-03-26 13:11:30 +0000), and 'Promotion settings' (Not promoted). On the right, under 'SUBMISSION SETTINGS', there are checkboxes for 'Customize confirmation' (unchecked), 'Enable spam protection (Mollom)' (checked), 'Limit submissions' (unchecked), and 'Send a confirmation e-mail' (unchecked). Under 'SUBMISSION ACCESS', there is a link '» SUBMISSION ACCESS'. Under 'ADVANCED SETTINGS', there is a link '▼ ADVANCED SETTINGS'. The 'Create a block' checkbox is checked and highlighted with an orange box. Below it are 'Show complete form in teaser' (unchecked) and 'Display a link to previous submissions' (checked).

3. Click the "Promotion settings" tab. De-select "Promoted to front page".

The screenshot shows the 'Promotion settings' tab expanded. On the left is a sidebar with links: 'Menu settings' (Not in menu), 'Revision information' (No revision), 'Comment settings' (Closed), 'Search engine optimization (SEO)' (Automatic alias), 'Authoring information' (By heather on 2012-03-26 13:11:30 +0000), and 'Promotion settings' (Not promoted). On the right, there are checkboxes for 'Promoted to front page' (unchecked) and 'Sticky at top of lists' (unchecked).

D. Finally, Click "Publish"!

You will be redirected to your completed Webform. Note the automated URL such as

<http://your.drupalgardens.com/content/sign>

Keep note of this address for later!



Challenge exercise: Webform in the sidebar

A. Place the webform in the sidebar.

1. Go to Structure > Blocks.
2. Scroll down and locate the "Webform: Keep in touch!" block under "Disabled" blocks.
 - Use the dropdown menu to select "Sidebar A". This will pop the block up to the Sidebar A section. Drag it to the bottom of the list under Address book. Remove any other blocks.

Sidebar A

Address block	Sidebar A	configure	delete
Webform: Keep in touch!	Sidebar A	configure	

Sidebar B

- **Option:** If you did the challenge activity earlier, to place the View: News block you'll see that there as well. Remove any other sidebar blocks at this time.

Sidebar A

Address block	Sidebar A	configure	delete
Webform: Sign up*	Sidebar A	configure	
View: News	Sidebar A	configure	

3. Click "Save blocks."

B. Hide the block on the form page.

1. Now you will see if you visit your form at <http://your.drupalgardens.com/content/sign> you'll see both the sidebar and the main content have the same information. We'll hide the

block on this page.

Our location

25 Corporate Drive, 4th Floor
Burlington, MA 01803

Sign up **Block**

Your name

E-mail *

Which best describes you?

A potential client
 A potential partner
 Just curious!

How can we help you?

Would you like to join our mailing list?
Yes please add me ↴

Submit

Sign up

Your name

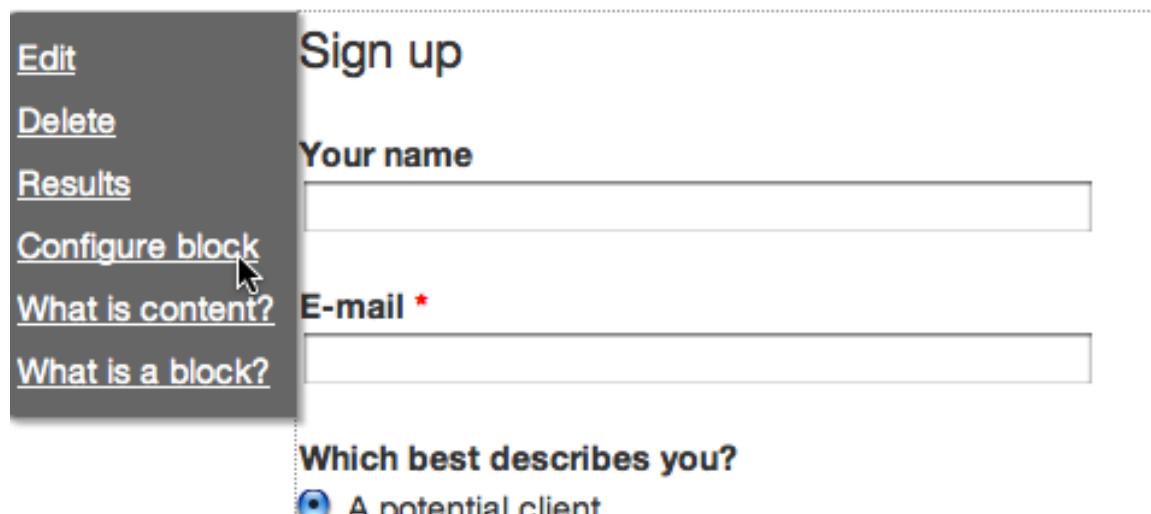
E-mail *

Which best describes you?

A potential client

Main content

2. Scroll over the gear in the upper left hand corner of the block. Click "Configure block".



3. Scroll down to the Visibility settings. The option "All pages except those listed" will be selected by default.

- Using the same path you noted earlier, type that into the text area.

Visibility settings

Pages
Restricted to certain pages

Content types
Not restricted

Roles
Not restricted

Users
Not customizable

Show block on specific pages

All pages except those listed

Only the listed pages

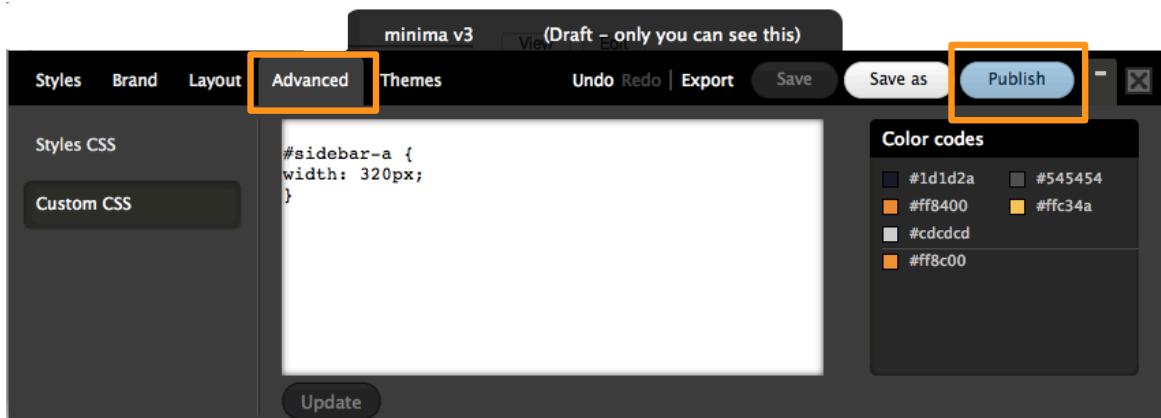
content/sign

- Click "Save block". Now your form isn't appearing on that page.

C. Change the width of the sidebar.

- Click Appearance to launch the ThemeBuilder.
- Click the "Advanced" tab then the "Custom CSS" tab.
- Type in the following code.

```
#sidebar-a {
width: 320px;
}
```



- Click "Publish".

D. Check your site!

Click the site title to go to the homepage. Depending on whether you did the challenge exercises, yours may look something like this.

Coming soon!

About to be the next big thing.

[About](#) [News](#)

Our location

25 Corporate Drive, 4th Floor
Burlington, MA 01803

Sign up

Your name

E-mail *

- Which best describes you?
- A potential client
 - A potential partner
 - Just curious!

How can we help you?

New site coming soon!

Submitted by [heather](#) on Fri, 03/23/2012 - 17:33

We're excited about our new site which will make it easier for us to connect to our clients.



[Read more](#)

[Add new comment](#)

This is a sample news item

Submitted by [heather](#) on Tue, 03/20/2012 - 13:32

News items are intended for content such as announcements, press releases and other time-specific information. News items are one of many content types you can display on your site. This news item is promoted to the front page.

To change your site's front page, click Configuration > Site Information.
To add another News item, click Add content > News item.



Challenge exercise: Add a rotating banner

Optionally, if you find you have some time you can add a banner to your site.

A. Add the banner

1. Go to Structure > Blocks. Click + Add rotating banner.

Blocks

[Home](#) » [Administration](#) » [Structure](#)

This page provides a drag-and-drop interface for assigning a block to a region, and for controlling the display regions in the same way, blocks are positioned on a per-theme basis. Remember that your changes will affect all pages using this theme. Click the [configure](#) link next to each block to configure its specific title and visibility settings.

[Demonstrate block regions \(minima v1\)](#)

[Add a rotating banner](#) [Add block](#)

B. Add images and configure slideshow

1. Click link to Add images to the banner. You can use images you have handy, or these links. You can get the full URLs via these links.

- <http://j.mp/birdpic2>
- <http://j.mp/birdpic1>

- Click to expand "Banner settings".

BANNER SETTINGS

Banner size

The banner will shrink to fit the page.

The banner will not shrink to fit the page and you have the option to specify the width and/or height.

Transition type

Fade
BlindX
BlindY

C. Change location and where it appears.

- For "Block location" > Region, select "Highlighted content".

BLOCK LOCATION

Specify the location of this block by choosing a region.

Region

Highlighted content

- Under Visibility settings, select "Only the listed pages". Type in <front>.

Visibility settings

Pages Restricted to certain pages	Show block on specific pages
Content types Not restricted	<input type="radio"/> All pages except those listed
Roles Not restricted	<input checked="" type="radio"/> Only the listed pages
Users Not customizable	<front>

- Click Save block.
- Now review your new banner on your front page.

Coming soon!

About to be the next big thing.

Unit 3.4 - Review: How would you do this?

Use your imagination to think of what these various components link to. How would you do that in Drupal?

The diagram shows a website layout with the following components:

- Header:** "Animal rescue" with a navigation bar: Home \ Adopt \ Volunteer \ Donate \ Contact us.
- Section 1 (Left):** "Looking for a forever home..." with "Dog of the day" and "Cat of the day" sections, each containing an envelope icon. A blue circle with the number 1 is placed over the "Dog of the day" section.
- Section 2 (Bottom Left):** "Can you help us build an extension?" followed by a text block about a building event and a "Read more..." link. A blue circle with the number 2 is placed near this section.
- Section 3 (Top Right):** "Help us reach our goal" with a dollar sign icon. A blue circle with the number 3 is placed over this section.
- Section 4 (Right):** "Your new pet is waiting for you. Search here" with a search bar. Below it is a "Twitter" section titled "Our recent tweets" with a list of five bullet points.

Feedback welcome :)

Please give us your feedback at the end of your workshop!

<http://acquia.com/training-feedback>

Session 4 Opportunity and community

Whether you're looking to develop your own product or service with Drupal, or you're looking to re-skill for a new career, Drupal is ripe with opportunity. In this session, you'll learn how to get connected, and find your place in the community.

Unit 4.1 - The Drupal community

Presentation: Where is everybody?

Main points:

- Why connecting to the community is good for you.
 - Finding your niche and Success stories.
-

Unit 4.2 - Connect to the community

A. Create an account

- Go to <http://drupal.org/user/register>
- Fill out username, password, email address, and country
- Create new account. Confirm your email. Login to Drupal.org
- Search the forums for common questions <http://drupal.org/forums>
- IRC also has topical and local channels <http://drupal.org/irc/channels>

B. Find a local or topical interest group.

- Go to <http://tinyurl.com/localdrupal> - This takes you to the Groups.Drupal.org listing of regional groups. Is there one in your area?
- Search on a topic that interests you, such as education, arts, high performance, local government. There are also groups for languages to share translation.
- Join a group!

C. Locate free resources

- Drupal Planet: Subscribe to the essential RSS feed of all things Drupal: <http://drupal.org/planet>
- Drupal Books see a list at <http://drupal.org/books>

Drupal Free Video Tutorial Sites

Drupal Dojo community screencasts	http://drupaldojo.net
Acquia live webinars	http://acquia.com/resources/recorded_webinars
YadaDrop Drupal Video aggregator	http://yadadrop.com/drupal-video
Drupalove.com Drupal Videos	http://www.drupalove.com/
Learn by the Drop	http://learnbythedrop.com
Mastering Drupal	http://www.masteringdrupal.com
Drupal Video Podcast	http://mustardseedmedia.com/podcast

Unit 4.3 - Evaluating Drupal projects

With almost 7000 Drupal modules and themes to choose from, finding the one you need for a specific task can be a daunting process. Not every module is well written or even necessarily secure, and so it is important to evaluate modules carefully before you commit to using them on a live site. **Refer to the Appendix: Finding projects for a list of essential resources!**

A. Is this module right for you?

As a general rule - only download modules from Drupal.org. When selecting modules, assess each module you are interested in to ensure that the module is well maintained, its code is up to standard. In some cases you may choose the projects which are more widely used in Drupal community. Later, if you become an experienced module developer, you can use modules as a starting point for your own coding and contribute improvements back to the community.

B. Assessment checklist

Check a module's project page to determine its "health". Look for modules which have many installations and which are actively maintained. The following are items that you should check as you assess modules via the project page:

- When was the last **full release** of the module? Dev release?
- How many **open tickets** are there in the issue queue?
- How active are the **maintainers** in the issue queue? (Check maintainer profile and issues)
- **How many sites** are running the module?
- What is the module's **Maintenance status**?

C. Popular modules

Narrow your search by looking at commonly used modules. Drupal.org tracks module usage statistics. Visit <http://drupal.org/project/usage> to see a running tally. At <http://drupal.org/download> you can see a list of most installed modules, filtered by version.

Drupal Modules			
Show only modules for Drupal version: <input type="button" value="7.x"/> <input type="button" value="Search"/>			
Most Installed	Module Categories	New Modules	Module Index
Views Content Construction Kit (CCK) Token Pathauto More Most installed	Administration Community Event Media All Categories	Views Delimited List Best Answer Trick Question GELF More New Modules	#translatable .mobi loader 2 Way Video Chat 23 Video View full index

Summary

In this session you became familiar with some different Drupal projects, and learned how to evaluate and choose the right one for you.

- How does the community handle duplicate modules?
- How could this be good in some situations and bad in others?

Unit 4.4 - Skills

As you learn Drupal, you bring your prior skills and experience, and then extend them as you learn the new tools and processes in use. You can use these resources as a guide to find out where to go next.

- Take the self-assessment quiz by Diana Dupuis Four Kitchens
<http://fourkitchens.com/blog/2011/08/24/mad-skillz-self-assessment-experience>
- Watch the related DrupalCon presentation: <http://bit.ly/mad-skillz>
- Review the Drupal skill map to find areas you'd like to develop in. <http://j.mp/drupalskills>

Any questions?

This site has a front page with the latest news, topics, a poll and an image gallery.

<http://allnews.drupalgardens.com/> Look at this site and see if you can reverse-engineer how it was done.

About membership

All News

News when you want it

[Home](#) [About](#) [News](#) [FAQ](#) [Events](#) [Headlines](#) [Photo contest](#) [Galleries](#)

New highspeed rail to traverse ocean
Submitted by heather on February 13, 2012 - 12:25



Tags:
International

[Read more](#) [Add new comment](#)

TOPICS

[FOOD](#)
[INTERNATIONAL](#)
[LOCAL](#)
[POLITICS](#)
[REGIONAL](#)
[SPORTS](#)
[WEATHER](#)

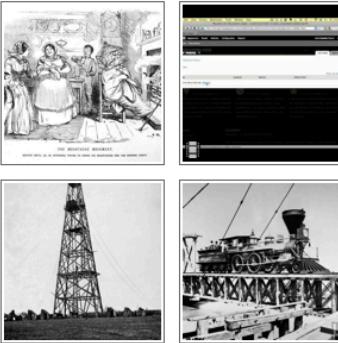
POLL

What is your favorite festival

Mad Music Fest
 Jazz Fest
 Strawberry Festival

[Vote](#) [Older polls](#) [Results](#)

NEWS IMAGES



Appendix: Theme regions

The Drupal Gardens themes are all variations on the same markup. There are a range of regions defined to create a range of different layouts in order to allow control over the placement of blocks.

Visit: <http://regions.drupalgardens.com/> to see a demo of theme regions.

You can combine block placement to get a variety of different layouts.

When there is no content in a region, the region does not appear.

Using these features of the theme system you can get different layouts.

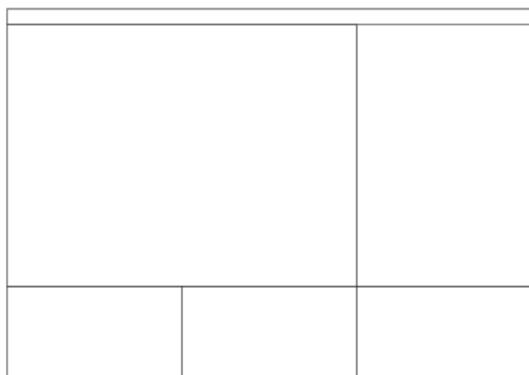
Look at the example wireframe layouts below.

How would you combine regions, blocks and content to achieve them?

The wireframe illustrates a complex website layout with the following regions:

- Header:** This is the header.
- Banner title:** This is the banner.
- PRECONTENT FIRST:** This is Precontent first! Phasellus pretium quam a sapien imperdiet a sagittis libero rhoncus. Donec id felis vestibulum sapien commodo iaculis volutpat a augue.
- PRECONTENT SECOND:** This is Precontent second! Curabitur lectus sapien, ultricies vel rutrum vitae, commodo et ligula. Proin sit amet sapien quis ante posuere posuere et ligula. Sed congue rhoncus nunc, porta ultrices lectus egestas in. In vehicula dui ac ipsum tempus accumsan.
- PRECONTENT THIRD:** This is Precontent third! Fusce consequat, tellus a tincidunt consequat, felis massa porta ligula, eget venenatis lacus nulla ultricies lorem. Suspendisse eget rutrum nulla. Nam sagittis tincidunt mauris eu lacinia. P
- SIDEBAR A:** This is Sidebar A!
- SIDEBAR B:** This is Sidebar B!
- Highlighted content region:** This is highlighted content!
- Page content:** This is the Page content region!
- SAMPLE BLOCK:** text
DRUPAL
GARDENS
- Prefooter first:** This is Prefooter first!
- Prefooter second:** This is Prefooter second!
- Prefooter third:** This is Prefooter third!
- Footer first:** This is Footer first.
- Footer second:** This is Footer second.
- Footer third:** Fusce consequat, tellus a tincidunt consequat, felis massa porta ligula, eget venenatis lacus nulla ultricies lorem. Suspendisse eget rutrum nulla. Nam sagittis tincidunt mauris eu lacinia.

At the bottom center of the wireframe, there is a small footer note: "Powered by Drupal Gardens".



Documentation has more details about the Theme Regions and block placement
<http://www.drupalgardens.com/documentation/themebuilder/regions>

Appendix: Finding projects

The first step in the evaluation process is actually finding the module you need.

Where to look	What you can find there
Drupal.org Project Pages	You find the basic information about a module on its project page, http://drupal.org/project/PROJECT_NAME
Project Issue Queues	Each project has an issue queue at http://drupal.org/project/issues/PROJECT_NAME . View the issue queue to see the current relevant conversations by the developers involved in the project.
Groups.Drupal.org	Find others who use the project. Search for project related or topically related groups at http://groups.drupal.org Groups may be linked to from the project page.
Drupal.org Keyword Search	Drupal.org provides ‘faceted’ searching for the entire Drupal site. Typing a keyword relating to the module you are looking for is likely to point you in the right direction. Search http://drupal.org/download
Planet Drupal	This is a great way to keep up with what’s going on in the community. It has a select list of posts from community members’ blogs. http://drupal.org/planet
Drupal IRC rooms	Asking for module recommendations and evaluations in IRC chatrooms such as #drupal-support is an immediate way to get feedback. Visit http://drupal.org/irc for more information
Drupalmodules.com	This is an independent website that helps users find and evaluate Drupal modules. The site includes a module search engine as well as module reviews and ratings. http://drupalmodules.com
Similar module review	Refer to the Similar Module Review group and check if a given category is analyzed there. http://groups.drupal.org/node/15928

Feedback welcome :)

Please give us your feedback at the end of your workshop!

<http://acquia.com/training-feedback>