

# Hello Drupal!



download manual

<http://training.acquia.com/hellodrupal>

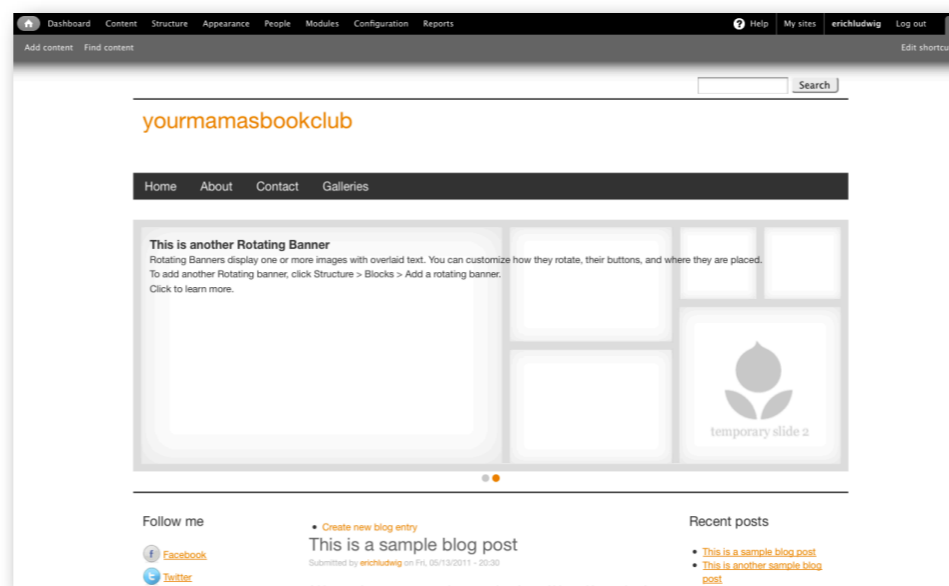
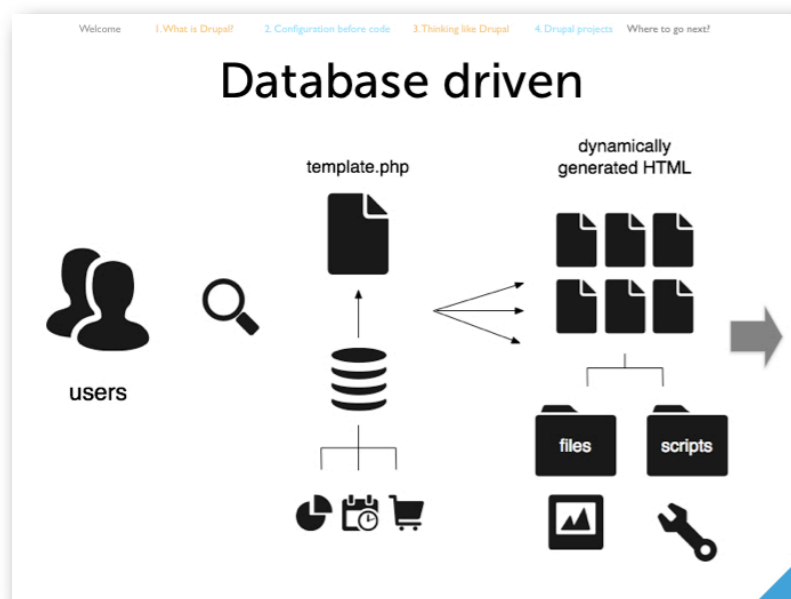
download manual  
[http://training.acquia.com/  
helloDrupal](http://training.acquia.com/helloDrupal)

# What we'll do today

1. Short presentation

2. Quick demo

3. You try it



**Step 4: Position the content**

In the previous step we saw how to make a dynamic listing of content which creates a block. Some modules, for example, the comment module output a block (Recent comments). ? Locate some blocks which are 'disabled'. You can also add a block directly.

The "Find Content" page only shows content that was created under Content, such as your Basic Pages. Blocks aren't considered content.

**Exercise 3.5 - Place the block in a region on your page**

Configure the quote block to display in the sidebar.  
See the Appendix for example theme regions.

Navigate to Structure > Blocks

- Scroll down to the Disabled section.
- Locate the Quotes block.
- Use the pull-down menu to assign the block to the Sidebar A region. Drag it to the top.

The screenshot shows the 'Blocks' configuration page in Drupal. A table lists available blocks. The 'View: Quotes' block is highlighted in yellow, and its region is set to 'Sidebar A'. Other blocks like 'Drupal 7 link' are also visible with their respective regions and actions (configure, delete).

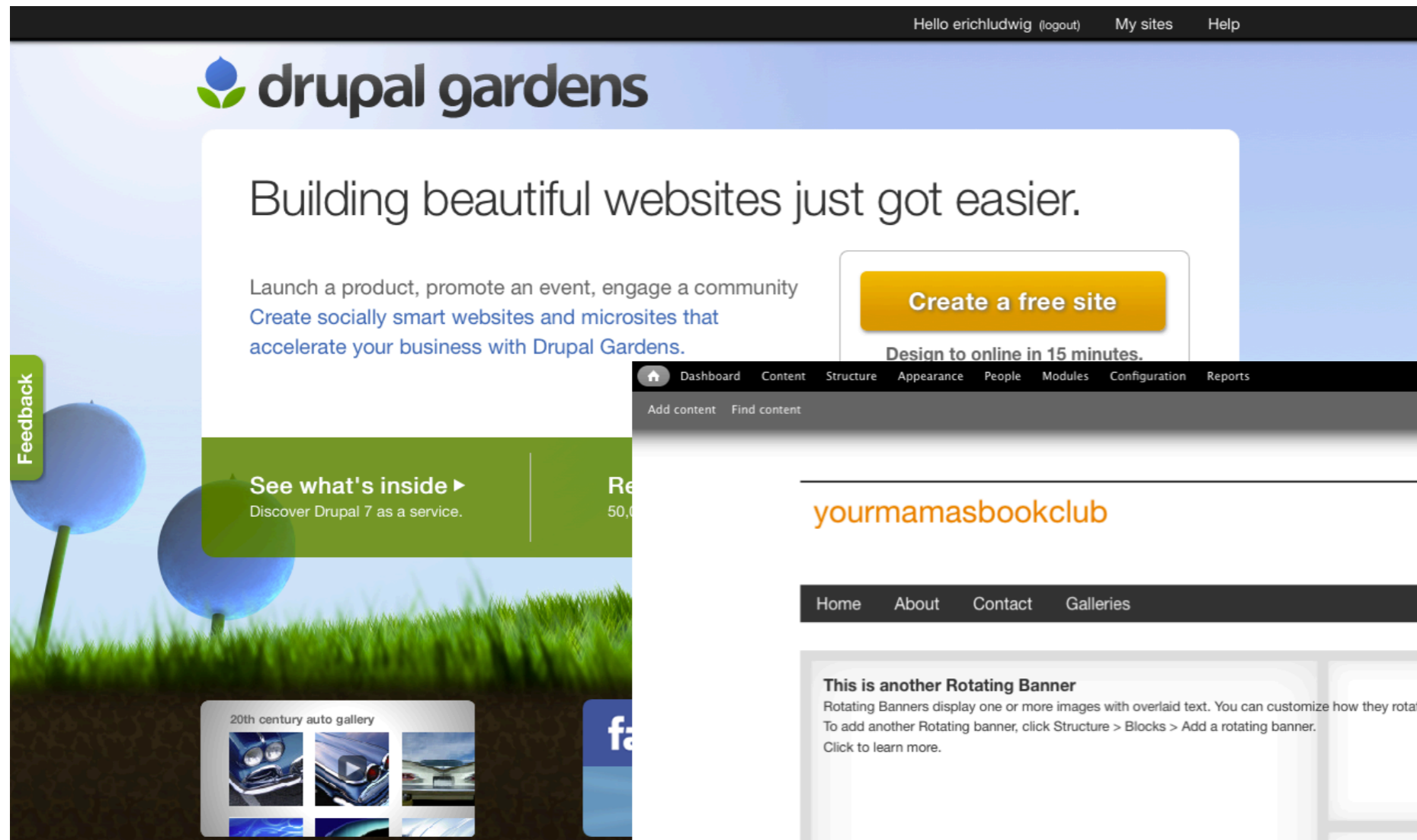
- Save block configuration.
- Click Home to view your site. Now the block you created appears in the sidebar.

**Coming soon!**  
About to be the next big thing.

This screenshot shows the front-end of the website. The 'Quotes' block is now visible in the sidebar area, displaying a quote: 'Any sufficiently advanced technology is indistinguishable from magic. Arthur C. Clarke'. Below it is a 'GET STARTED' button with a Drupal logo.

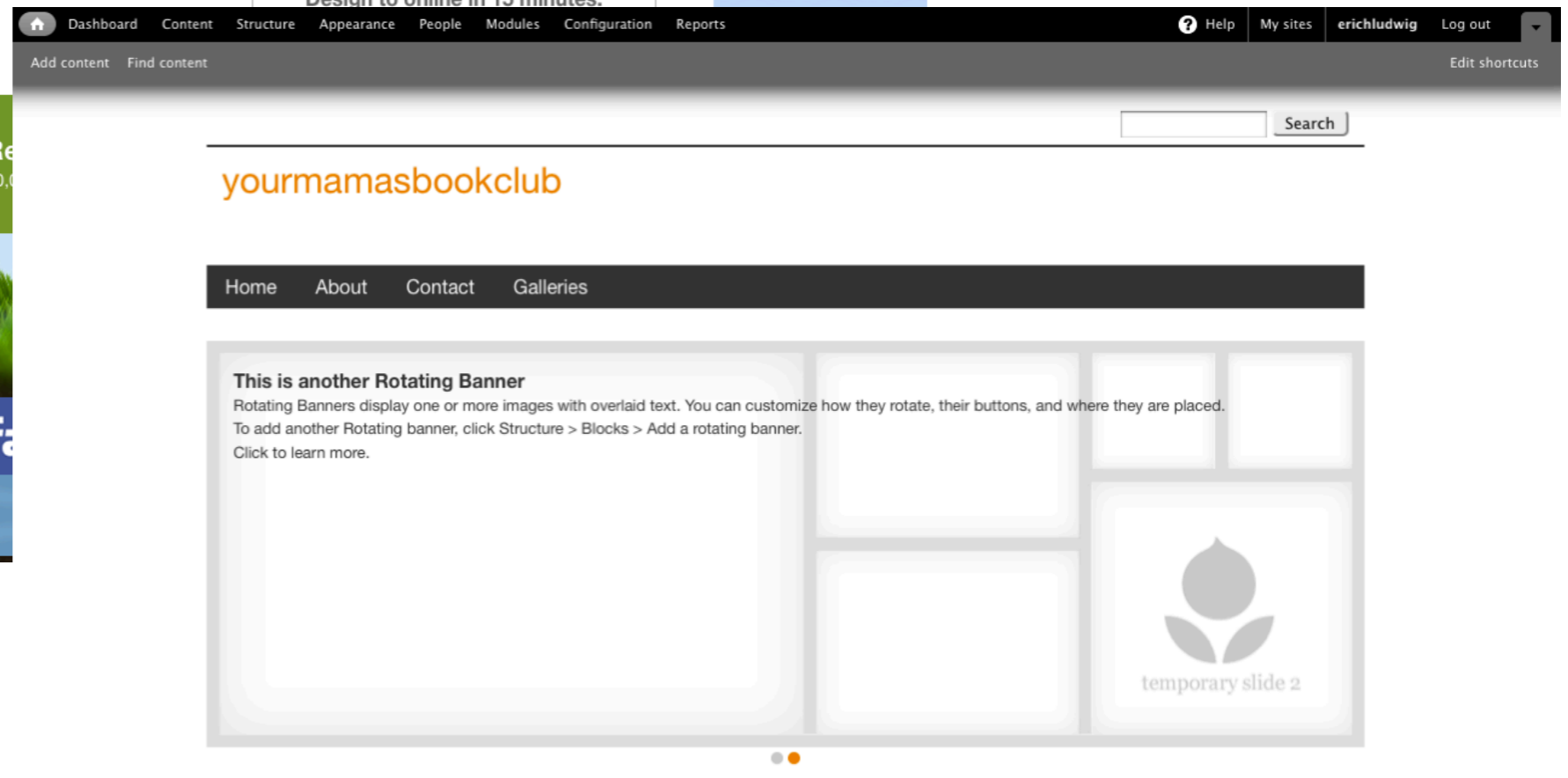
Thursday 14 July 2011 19

# Login to Drupalgardens.com



- 💧 Create site in seconds
- 💧 ThemeBuilder
- 💧 Rapid prototyping

- 💧 Site duplication
- 💧 Hassle / worry free
- 💧 Site export
- 💧 Built on Drupal 7



#### Follow me

- [Facebook](#)
- [Twitter](#)

#### • Create new blog entry

This is a sample blog post

Submitted by erichludwig on Fri, 05/13/2011 - 20:30

#### Recent posts

- [This is a sample blog post](#)
- [This is another sample blog post](#)

# Get set up

- Select "Create your own template"
- Meanwhile, we'll view the intro.



## Choose a template or create your own

[\[Edit\]](#) [\[Export\]](#) [\[Clone\]](#)

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

**All options "off"**

Select: [all](#), [none](#)



### Create your own template

Create a social site with the features you want.



### Campaign template

Create a community to discuss and promote an agenda.



### Product template

Leverage social media to promote a product or service.



### Blog template

Create a blog; extend it to be much more.



### Create your own template

Create a social site with the features you want.

### Features and blocks

About



Forums



News



# About us



- Managed hosting
- Support
- Remote administration
- Training

# About me

A little bit about your Drupal Guide today...

# About you





# Based on: "What I wish I knew"

- Survey of 203 Drupal developers, 2010
- The community is a great resource.
- Site building first, coding later.
- Don't try to start from scratch with theming.
- How to find the right modules.
- Module developers are not gods.

<http://training.acquia.com/resources>

# What you'll make

The screenshot shows a Drupal website layout with several key components highlighted by orange boxes and letters:

- a.** A top navigation bar containing a search box and a "Search" button.
- b.** A "Coming soon!" banner with the text "About to be the next big thing." and a link to "magic". Below the link is a quote: "Any sufficiently advanced technology is indistinguishable from magic." by "Arthur C Clarke".
- c.** A "Keep in touch!" contact form with fields for "Your name", "E-mail", and "How can we help you?". It also includes radio buttons for "Which best describes you?" (A potential client, A potential partner, Just curious!) and "Would you like to join our mailing list?" (Yes!, Nope.), and a "Submit" button.
- d.** A "GET STARTED" button with a Drupal logo.
- e.** A blog entry titled "Hello Drupal, coming to a meet-up near you!" submitted by "heather" on Tue, 06/21/2011 - 16:10. The entry includes a list of items: "Presentation materials.", "Manual.", and "Instructor guide.", along with "Read more" and "Add new comment" links.
- f.** A horizontal line with a vertical bar at the end, likely a section separator.

# 1. What is Drupal?

## Software and a community

# Drupal is innovative

The screenshot shows the Zappos.com website interface. At the top, there's a navigation bar with links for '24/7 Customer Service', 'Live Help', 'Log In / Logout', 'My Account', 'My Favorites', 'Blogs', and 'Help'. Below this is the Zappos logo and a search bar. A secondary navigation bar lists categories like 'SHOES', 'CLOTHING', 'BAGS & HANDBAGS', etc. The main content area features a blog post titled 'Vans x KookBox Surfboards/Joel Tudor' by 'Joel Tudor' on 'Rideshop'. The post includes an image of a man with surfboards and text describing the collaboration. A sidebar on the right contains a search bar, a 'Sign in' button, and 'Primary links'.

The screenshot displays the Stony Brook University Medical Center website. The header includes the center's name and a search bar. A main banner features a photo of a woman and a child with the text 'Home of the best ideas in medicine.' Below the banner is a navigation menu with items like 'Patient Care', 'Find A Physician', and 'Giving'. The main content area is divided into several sections: 'About Our Medical Center', 'News Highlights' (with a sub-section for 'Golden Globe Winner'), 'In the Spotlight' (featuring a 'CEO Monthly Update' and a 'Patient Safety' alert), and 'Upcoming Events' (listing various dates and events). A sidebar on the left provides quick links to various services and departments.

The screenshot shows the Christina Aguilera website. The top navigation bar includes 'LATEST', 'MUSIC + LYRICS', 'EVENTS', 'MEDIA', 'COMMUNITY', 'CHRISTINA RADIO', and 'SHOP'. The main content area is a promotional banner for the 'CHRISTINA COLLECTION' of jewelry, featuring a large image of a necklace with a heart pendant. Below the banner is a 'SHOP NOW!' button. At the bottom, there are sections for 'LATEST NEWS' (with dates like 'MAY 11' and 'MAY 04') and 'CHRISTINA AGUILERA FRAGRANCES'.

The screenshot displays the Museum of Fine Arts Boston website. The top navigation bar includes 'Shop', 'Press', 'MyMFA', 'Connect with Us', 'Login', and 'Search'. The main content area features a large, vibrant image of a Chihuly glass sculpture. Below the image is the title 'Chihuly: Through the Looking Glass' and the text 'Extended by popular demand through August 8'. A sidebar on the right contains a 'BUZZ' button. The footer includes links for 'About the MFA', 'Contact Us', 'Employment', 'Privacy Policy', 'Accessibility', 'Translate This Site', and 'Terms of Use'.

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**Which MBA** ponders [the significance of falling MBA applications](#)

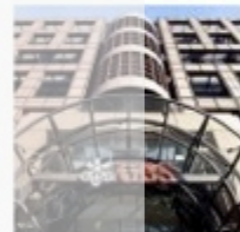
**Democracy in America** on [the gloomy tale told by new census numbers](#)

**Banking reform**  
**What's \$2 billion between friends?**  
The new US JOBS act is another example of why employers should be responsible for investment banking losses (3)

- **Leader:** Britain's experiment with a new sort of bank regulation is sensible (4)
- The industry that has come to define Britain faces a radical overhaul (1)
- A leading analyst's inquiry into the future of banking has proved invaluable to both politicians and the industry (Apr 2011) (17)
- **British banks: Vickers in a twist** (Jan 2011) (10)

• [Topic page: bank failures](#)

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Rick Perry's rhetoric on Social Security isn't

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**IBM WATSON**

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ECONOMIST TOPIC sponsored by: [UnitedHealthcare](#)

**Health and fitness**

# Drupal is scalable

# Drupal is everywhere

NASCAR.COM ACCOUNT LOG IN | SIGN UP FOLLOW ON: [Twitter] [Facebook] [YouTube]

NEWS VIDEO DRIVERS STANDINGS SCHEDULE FANTASY COMMUNITY TRACKPASS SHOP TICKETS SEARCH

Nationwide Insurance Start Here Select State GO

DRIVERS SCHEDULE NEWS VIDEO STANDINGS COMMUNITY FEATURED NATIONWIDE INSURANCE

### Sport Clips HAIRCUTS

## Logano's world

Fresh off his victory at Daytona, Joey Logano is our Nationwide Spotlight driver. Take a look back at the 2011 season up to this point for the driver some call "Sliced Bread."

Kentucky: [Entry List](#) | [Track History](#) | [Get your tickets](#) | [Logano: Driver Page](#) | [Video highlights](#)

### Nationwide SPOTLIGHT CHAT

WATCH NOW

QUOTE OF THE RACE

"Usually, I'm the guy that's finished second, but this time I am the winner."  
— Joey Logano

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GADGETS CARS SCIENCE TECHNOLOGY DIY

GALLERIES VIDEOS COLUMNS POPULAR Innovation Challenges | How It Works | Features

## The Garbage-Can Space Suit

And other early visions of manned spaceflight, up to the space shuttle we all know and love (or, knew and loved)

[ READ FULL STORY ] 2 of 5

### TOP STORIES

- Gallery: The Rebirth of the Internal Combustion Engine
- Archive Gallery: Early Visions of Human Spaceflight
- Big Science: The Universe's Ten Most Epic Projects

### NEW FEATURES

- Subscribe to PopSci on Your iPad Get a full year of the enhanced digital edition
- The Complete Popular Science Archive Read 139 years of PopSci

### PHOTO GALLERIES

- Testing Project Enclosures
- Big Science: The Universe's Ten
- Gallery: Building and Imagining

## ALJAZEERA

### Reflections on the last decade

Noam Chomsky discusses war, terror, and imperialism post 9/11

News In Depth Programmes Video Blogs Business Weather Sport Watch Live عربي

Africa Americas Asia Europe Middle East Imperium Search

### Roughing it with the Libyan rebels

By Sue Turton on September 8th, 2011

Sue Turton reports from the front-line of the battle in Libya, giving a rare look into the life and times of a war correspondent. [Read more...](#)

### Live Blogs

- Syria
- Libya
- Yemen
- Egypt
- Gaza
- Wikileaks

### Al Jazeera Live

## FOX NATION

FIRED UP Debt Ceiling \* 'Fast And Furious' \* Casey Anthony Trial \* MORE

SONS OF GUNS 9P WEDNESDAY LOAD A CLIP Discovery

Like 47k Follow

HOME POLITICS CULTURE JUSTICE MEDIA CAMPUS THE HOT LIST ON FIRE

## Whoopi Goes Nuts on Bachmann: 'Damn It, I Am Sick of This Crap!'

Video Streaming

### REPLAY VIDEO

SONS OF GUNS 9P WEDNESDAY LOAD A CLIP Discovery

America's Talking™ ALL OPINIONS WELCOME

The Fox Nation is for those opposed to intolerance, excessive government control of our lives, and attempts to monopolize opinion or suppress freedom of thought, expression, and worship. [Read more...](#)

We invite all Americans who share these values

New Stories View style

# Greater London Authority

<http://www.london.gov.uk/>

The screenshot shows the Greater London Authority website interface. At the top, there is a dark red navigation bar with links for 'Jobs', 'Procurement', 'FAQs', and 'Contact us'. The main header area includes the 'london.gov.uk' logo, a search bar, and links for 'Register' and 'Login'. A secondary navigation bar contains 'Home', 'This Week', 'Priorities', 'Get Involved', 'Who Runs London', and 'City Hall'. The 'Priorities' menu is open, displaying a grid of categories: Art & culture, Environment, Planning, Business & economy, Equalities, Sport, Championing London, Health, Transparency, Crime & community safety, Housing, Transport, Employment & skills, London 2012, and Young people. Below the navigation, there are several content blocks: a large banner for 'Come along and help out in trouble Capital Clean-up 10 June to 24 July', a 'What's happening in London this week?' section with a 'Find out more' link, a 'Have your say' section for 'Mayoral Community Infrastructure Levy consultation UNTIL 8 JULY 2011', and a grid of news articles including 'Annual London Survey 2011', 'The Busk Off - hear the top ten performers in the Rhythm of London competition', and 'London Assembly Annual Report for 2010-11'. A large, semi-transparent text overlay reads 'Drupal is bloody terrific' across the bottom half of the page.

Drupal is bloody terrific

bookmark  
[showcase.acquia.com](http://showcase.acquia.com)

Get inspired!\*  
(\*and view source)



# DrupalCon Brussels 2005



(cc) Roland <http://www.flickr.com/photos/roland/53700318>

# DrupalCamp Dakar 2011



© Ndimby Andriantsoavina

<http://www.flickr.com/photos/nd1mbee/5649172387>

# Monthly Drupal Meetup in Boston

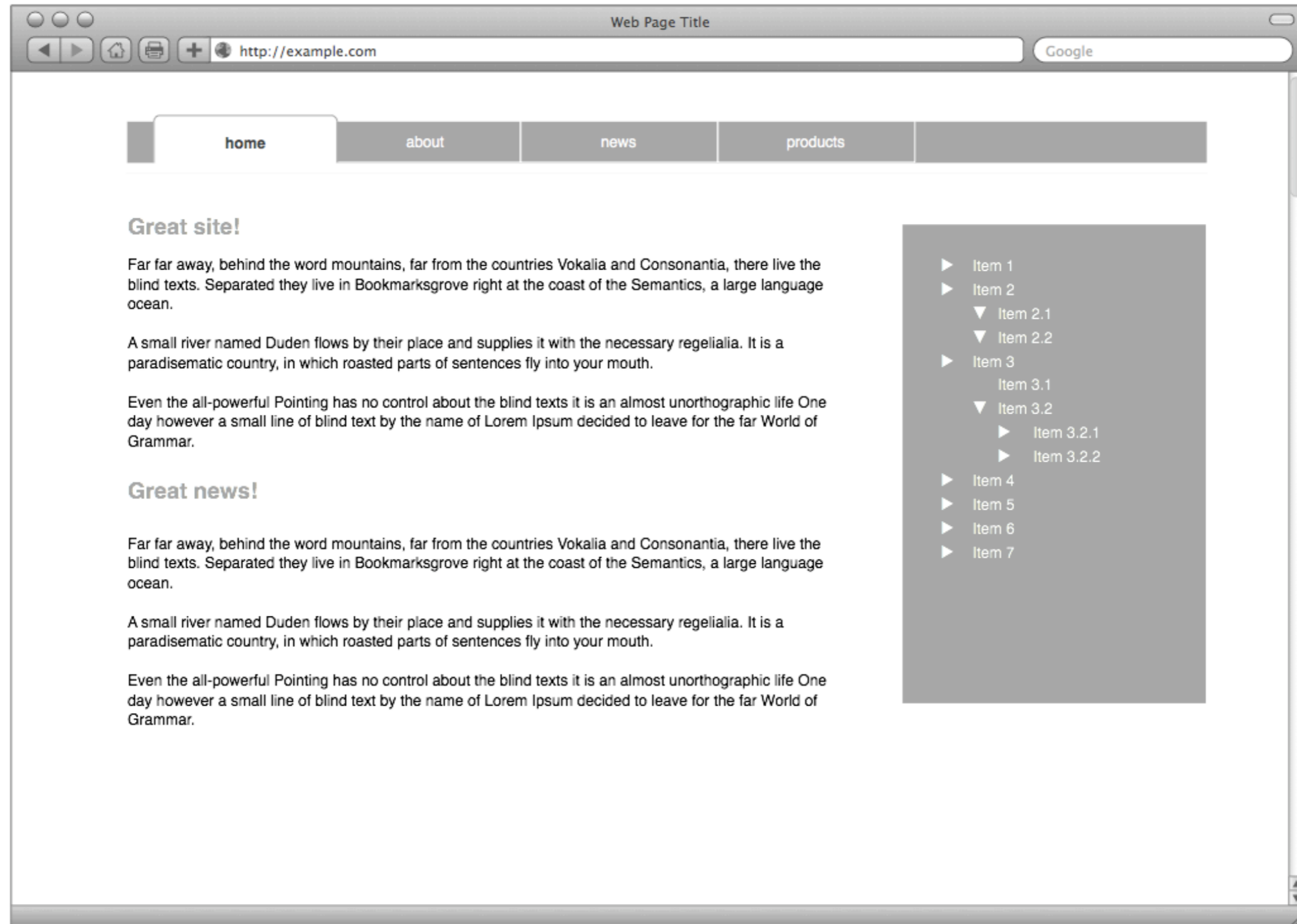


# DrupalCon Chicago



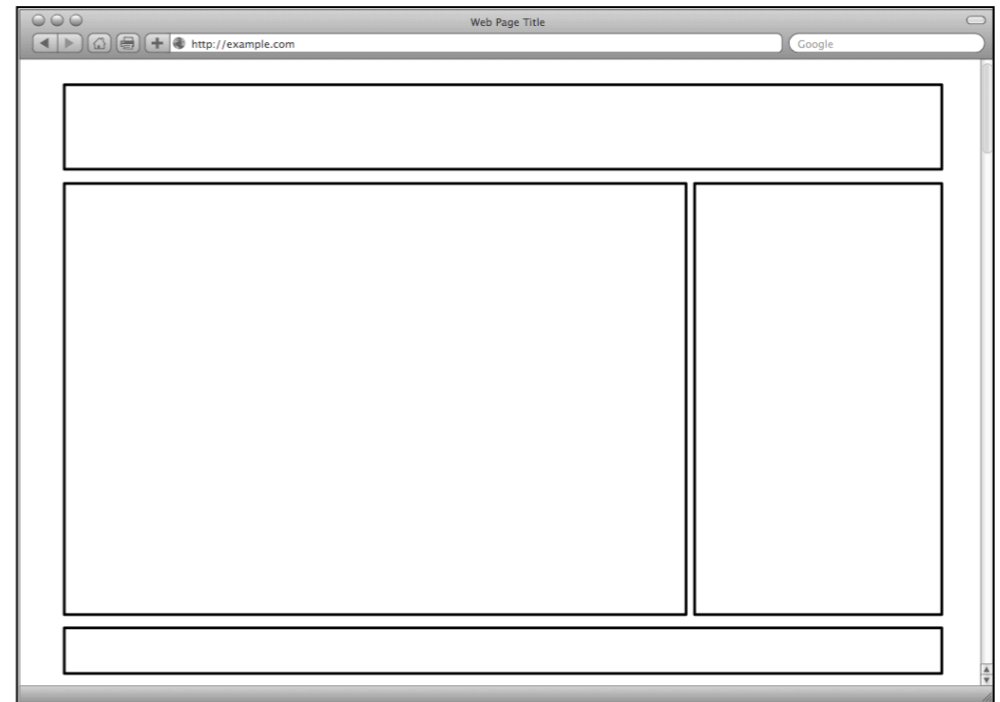
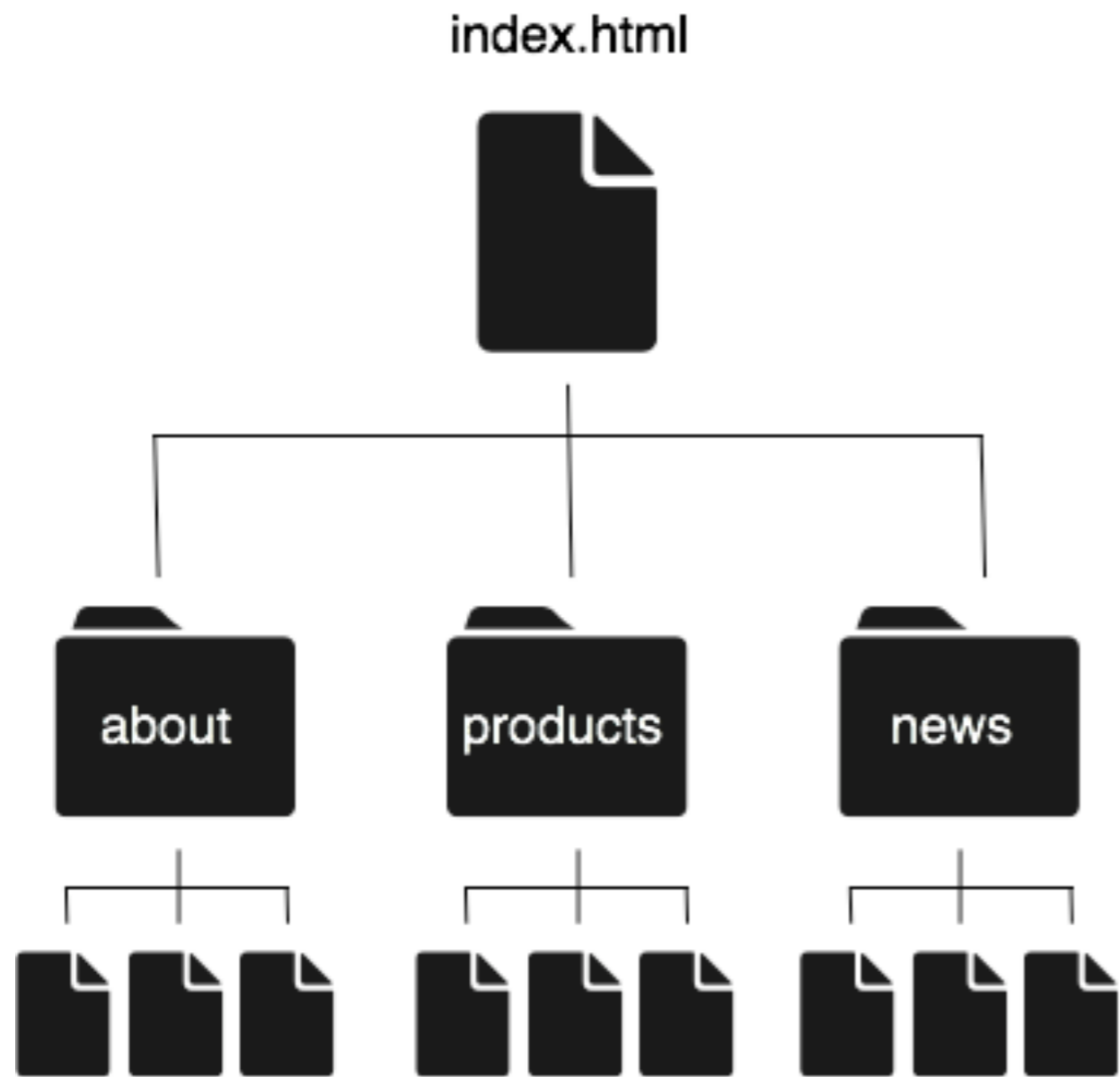
(half of it)

# Why does it exist?



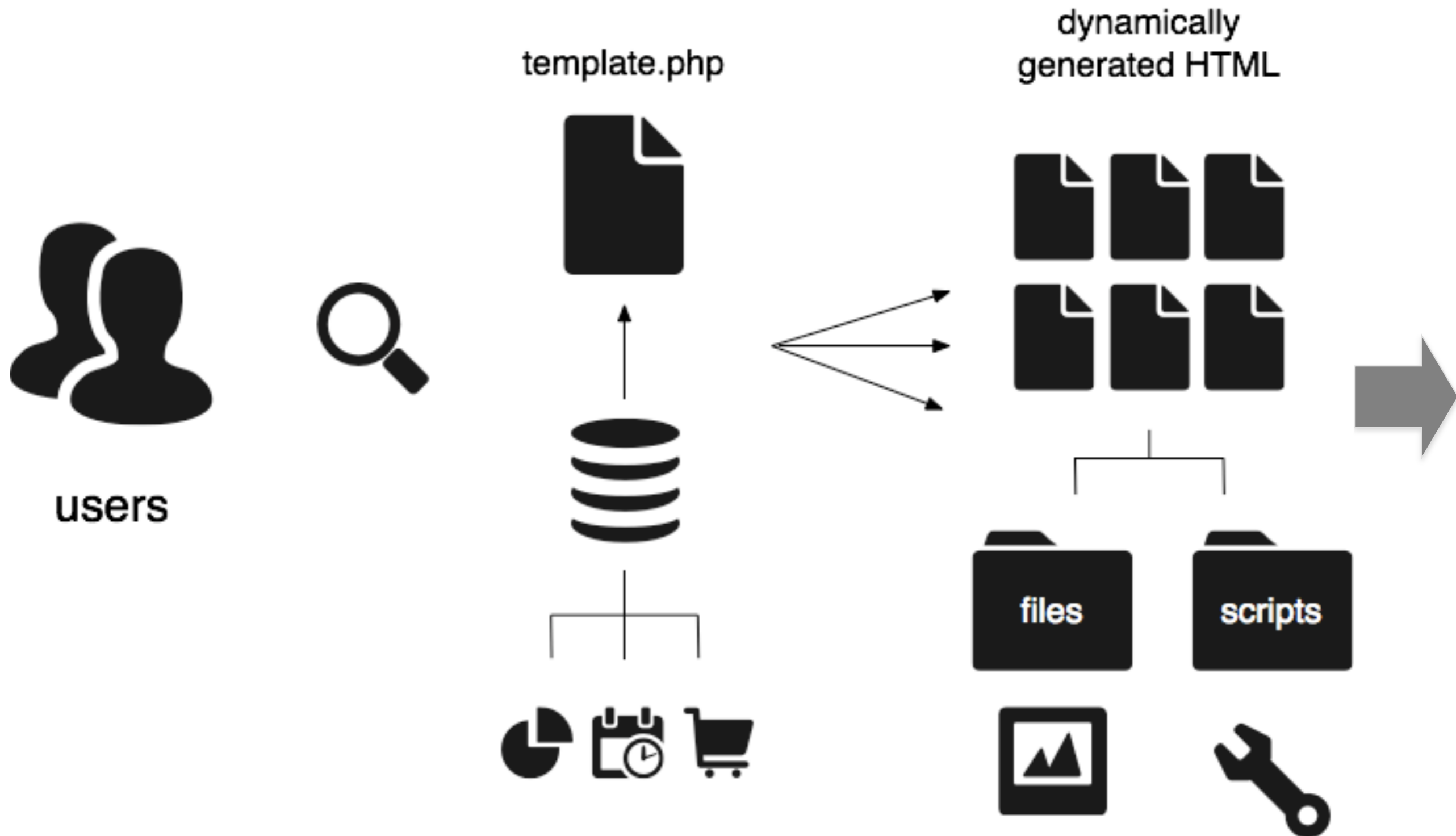
## If you're new to CMSs...

# Website maintenance

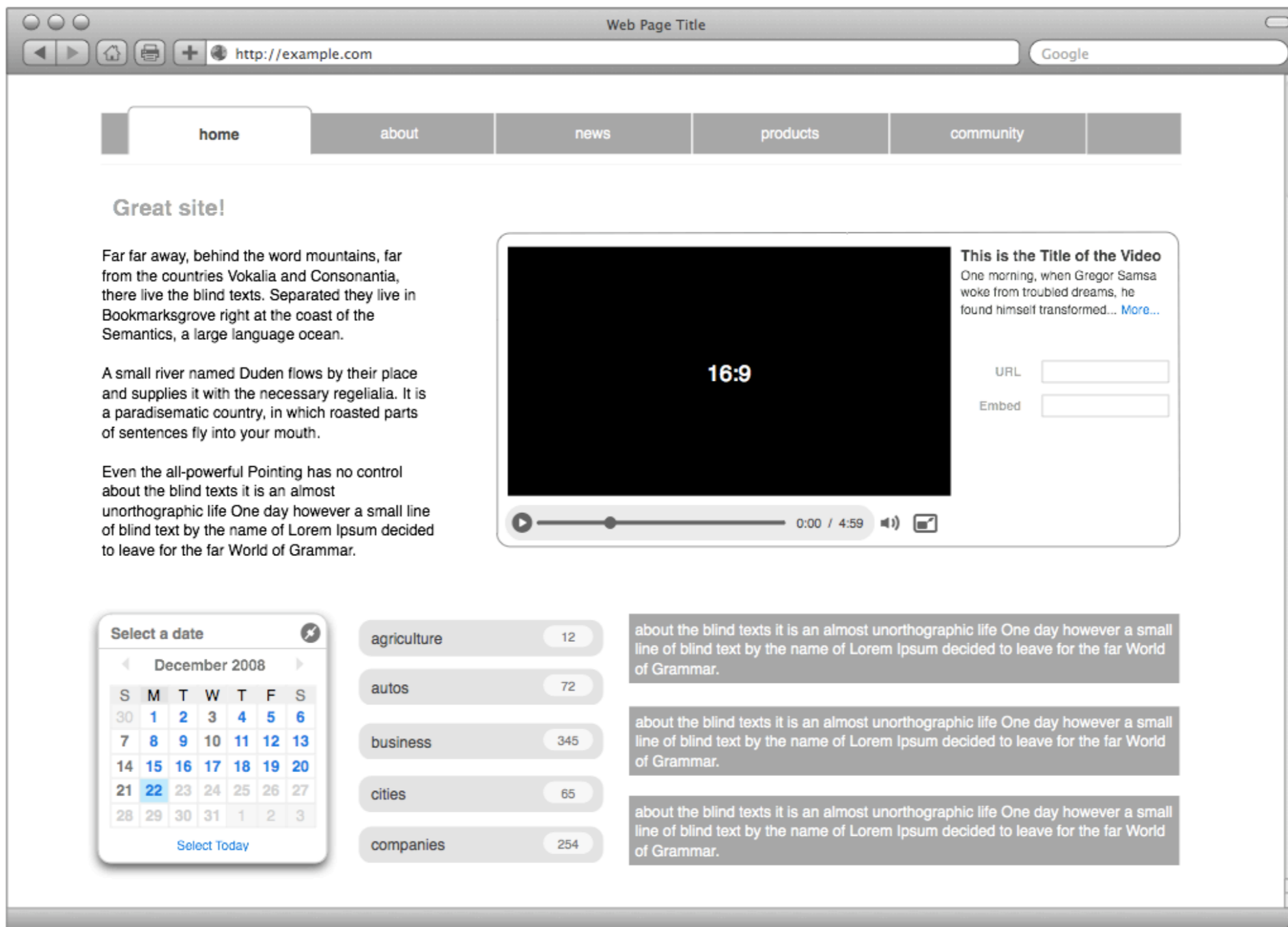


Content and presentation mixed in HTML

# Database driven



# Sites are more interactive, social and media rich.





# Drupal is a community

[Get Started](#) [Community & Support](#) [Documentation](#) [Download & Extend](#) [Marketplace](#) [About](#)

# Drupal™

Come for the software, stay for the community

Drupal is an open source content management platform powering millions of websites and applications. It's built, used, and supported by an active and diverse community of people around the world.

Search Drupal.org

Refine your search

- All
- Modules
- Themes
- Documentation
- Forums & Issues
- Groups

[Drupal Homepage](#) [Login / Register](#)

## Why Choose Drupal?

Use Drupal to build everything from personal blogs to enterprise applications. Thousands of add-on modules and designs let you build any site you can imagine.

Drupal is free, flexible, robust and constantly being improved by hundreds of thousands of passionate people from all over the world. Join us!

[Get Started with Drupal](#)

## Sites Made with Drupal



Drupal is used by some of the biggest sites on the Web, like [The Economist](#), [Examiner.com](#) and [The White House](#). Read more [Drupal success stories](#).

## Develop with Drupal

10,014 Modules	This week
1,136 Themes	2,421 Code commits
8,430 Developers	6,221 Issue comments

[Drupal Core](#)  
[Security Info](#)  
[Developer Docs](#)  
[API Docs](#)



# Drupal.org

# Thank the community



599,364 people in 228 countries\* speaking 182 languages power Drupal.



News

[Docs Updates](#)

[Forum Posts](#)

[Commits](#)

## [Report from the University of Minnesota Drupal Usability Testing](#)

June 1, 2011

From May 17 – 19, 2011, in advance of DrupalCamp Twin Cities, several Drupal community members met at the University of Minnesota usability lab in Minneapolis to perform a round of [Read more](#)

[Here Come the DrupalCon London Keynote Speakers](#)

[Drupal 7.2 and 6.22 released](#)

[Society for Human Resource Management – Case Study](#)

[More news...](#)

Drupal.org

# Drupal events

## local, regional, niche



<http://groups.drupal.org/events>

# DrupalCon 2012

The screenshot shows the DrupalCon Denver 2012 website. At the top, there are navigation links: Home, News, About, Contact, and a search bar. Below that are buttons for REGISTER, SUBMIT A SESSION, VENUE, and SPONSORS. The main header features the DrupalCon logo, the text "DRUPALCON DENVER", the dates "MARCH 20-22, 2012", and the venue "COLORADO CONVENTION CENTER". A banner below the header reads "Collaborative Publishing for Every Device". The main content area is divided into several sections: "FEATURED SPEAKERS SEE WHO HAS ALREADY CONFIRMED" with a carousel of speaker photos and a "See our List of Speakers" button; "OPEN FOR SESSION SUBMISSIONS" with a "Read more" button; and "GET INVOLVED" with a "Propose a Session for DrupalCon Denver" section and a "Submit a Session" button. A sidebar on the left shows the date "AUG 8 2011" and a "0" comment count.

## Denver

The screenshot shows the DrupalCon Munich 2012 website. At the top, there is a circular logo that says "Interconnectivity rocks! DRUPALCON MUNICH 2012 20-23 AUGUST". Below the logo is a large image of a pretzel on a blue and white checkered tablecloth. The main content area is divided into several sections: "Welcome to DrupalCon Munich 2012" with a paragraph of text; "Follow Us On Twitter" with a link to "@DrupalConMunich" and a Twitter logo; and "Subscribe to our mailing list". A sidebar on the left shows the date "AUG 8 2011" and a "0" comment count.

## Munich

# Drupal is software

The image shows a composite screenshot illustrating Drupal as software. It includes:

- File System View:** A directory listing of files and folders such as `authorize.php`, `CHANGELOG.txt`, `COPYRIGHT.txt`, `cron.php`, `includes`, `index.php`, `INSTALL.mysql.txt`, `INSTALL.pgsql.txt`, `install.php`, `INSTALL.sqlite.txt`, `INSTALL.txt`, `LICENSE.txt`, `MAINTAINERS.txt`, and `misc`.
- Database Interface:** A screenshot of a database management tool showing a query for the `node` table. The query is `SELECT * FROM `node` LIMIT 0, 30`. Below the query, a table displays the first three rows of data:
 

nid	vid	type	language	title	uid	status	created
1	1	page	und	This is a page	1	1	1306
2	1	article	und	This is an article	1	1	1306
3	1	article	und	This is another article	1	1	1306
- Code Editors:** Three overlapping windows showing code files:
  - `node.tpl.php`: A PHP template file with code like `<div id="node-?>` and `<a href="?>`.
  - `style.css`: A CSS file with a `body` selector and properties like `background:url(`, `font-size: 84%`, and `font-family: Arial,`.
  - `superfish.js`: A JavaScript file with a comment `* Superfish v1.4.8 - jQuery menu widget`.

# Drupal- out of the box

## ... and a powerful API to do much more



**Content**

Content title

A video player interface showing a black screen and standard playback controls (play, pause, stop, previous, next, full screen) at the bottom.

**Users**

**D. Schrute**  
Germany

**J. Halpert**  
Spain

A list of user profiles. Each profile includes a silhouette icon, a name in bold, and a location below it.

**Taxonomy**

adventure

city break

sailing

shopping

A vertical list of taxonomy terms, each enclosed in a rounded rectangular button.

**Comments**

**dwight**  
8 Sept  
Wow, can't wait to get started.

**joe**  
8 Sept  
Me too!

A list of comments. Each comment shows a user icon, name, date, and the comment text in a speech bubble.



**"Drupal core"**

# Drupal is extendable

Select a date

December 2011

S	M	T	W	T	F	S
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3

Select Today

**This is the Title of the Video**  
 One morning, when Gregor Samsa woke from troubled dreams, he found himself transformed... [More...](#)

URL

Embed

Slider

**Item Title 1**  
Subtitle 1

**Item Title 2**  
Subtitle 2

**Item Title 3**  
Subtitle 3

**Item Title 4**  
Subtitle 4

Ratings

- ✕ ★★★★★
- ✕ ★★★★☆
- ✕ ★★★☆☆
- ✕ ★★★★★☆

“Modules”

# Drupal is...

## Your own customized product.

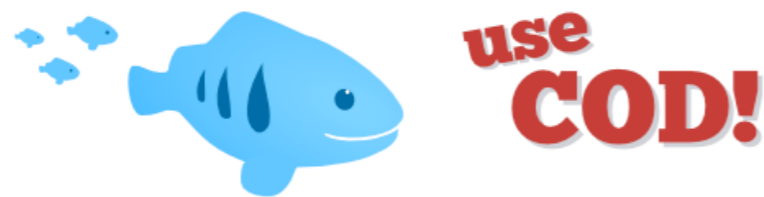
Social community site:



Academic sites:



Conference sites:



News organizations:



Project management:



How about your site,  
service or speciality?

“Distributions”



Over 200 local user groups  
Find one near you

<http://tinyurl.com/localdrupal>

(also nice way to travel :)

# Let's try it

- Change your site title, slogan.
- Create content
- Create a custom “block” on your site.
- Optional:
  - Configure your admin environment
  - Place additional blocks




























# What you'll make

The screenshot shows a Drupal website layout with several annotated components:

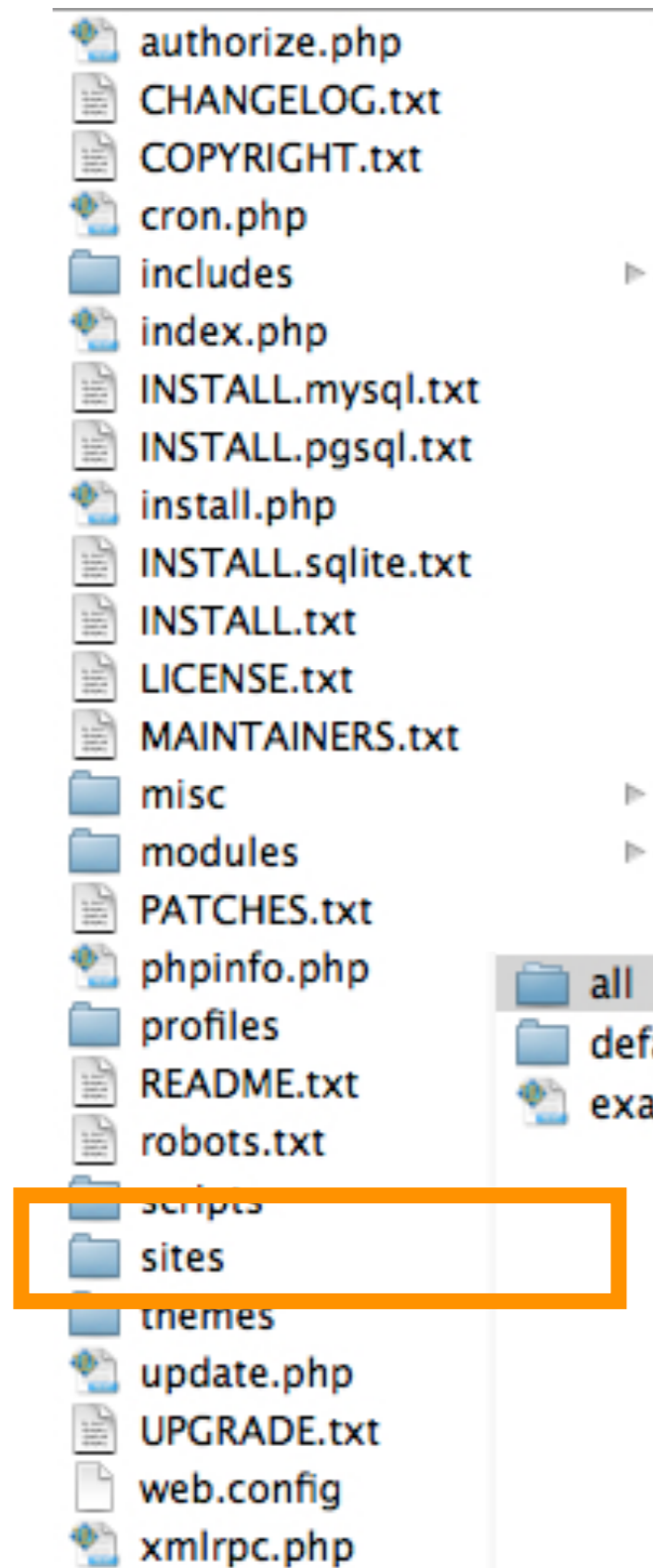
- a.** A box containing the text "Coming soon! About to be the next big thing." with a search bar to its right.
- b.** A box containing a link "magic" and the text "Any sufficiently advanced technology is indistinguishable from magic." attributed to "Arthur C Clarke".
- c.** A contact form titled "Keep in touch!" with fields for "Your name", "E-mail", and a question "Which best describes you?" with radio button options: "A potential client", "A potential partner", and "Just curious!". It also has a "How can we help you?" text area and a "Would you like to join our mailing list?" section with "Yes!" and "Nope." options, and a "Submit" button.
- d.** A box containing a "Drupal 7 GET STARTED" button.
- e.** A box containing a "Create new blog entry" link, a blog post title "Hello Drupal, coming to a meet-up near you!", submission info "Submitted by heather on Tue, 06/21/2011 - 16:10", a paragraph "We're working on some materials to help you communicate better with new Drupal users. This will include:", a list of items: "Presentation materials.", "Manual.", and "Instructor guide.", and links for "Read more" and "Add new comment".
- f.** A box containing a horizontal line and a vertical bar, representing a section separator.

# 2. Configuration before code

# “Core”

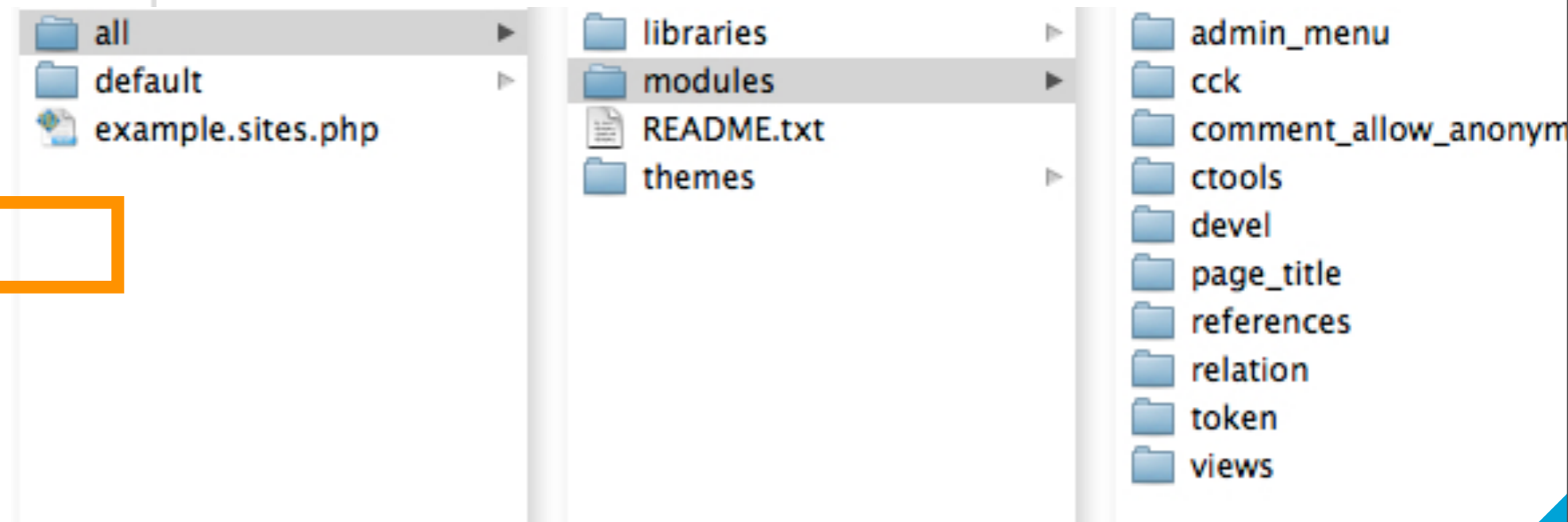
-  authorize.php
-  CHANGELOG.txt
-  COPYRIGHT.txt
-  cron.php
-  includes ▶
-  index.php
-  INSTALL.mysql.txt
-  INSTALL.pgsql.txt
-  install.php
-  INSTALL.sqlite.txt
-  INSTALL.txt
-  LICENSE.txt
-  MAINTAINERS.txt
-  misc ▶
-  modules ▶
-  PATCHES.txt
-  phpinfo.php
-  profiles ▶
-  README.txt
-  robots.txt
-  scripts ▶
-  sites ▶
-  themes ▶
-  update.php
-  UPGRADE.txt
-  web.config
-  xmlrpc.php

# "Core"



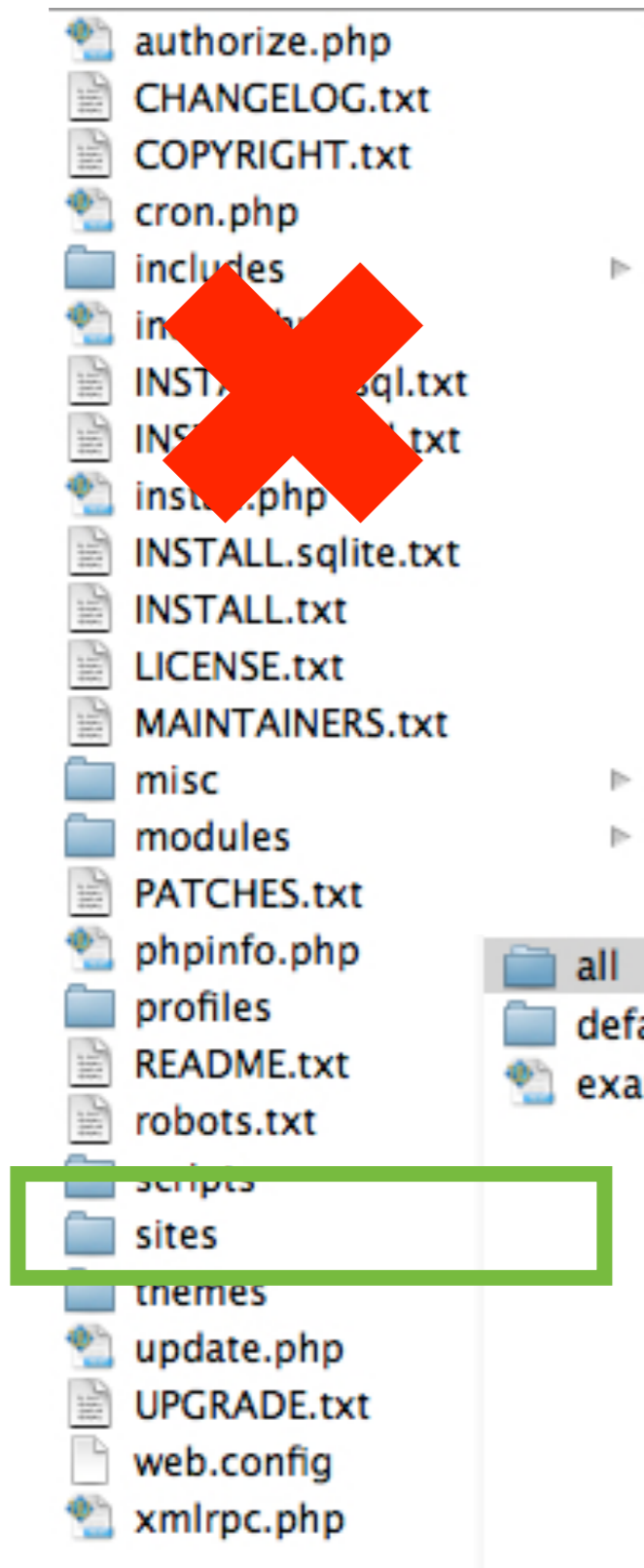
# "Contrib" and "Custom"

The more contributed projects you use, the less custom code you need to write.



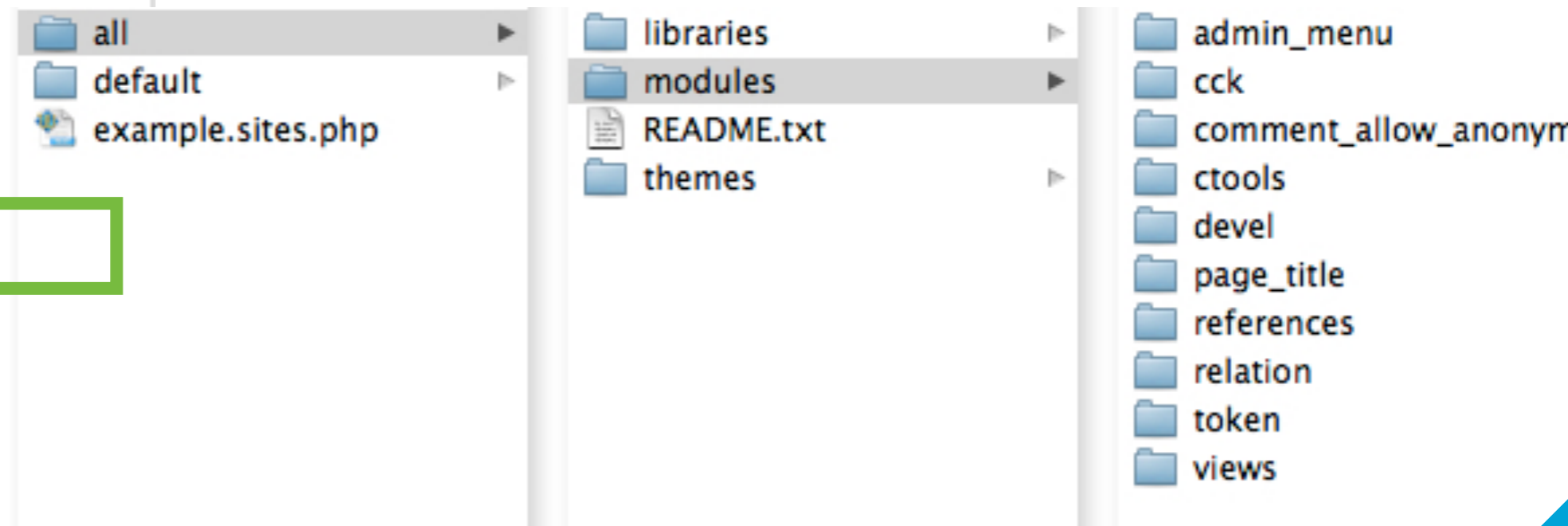
# "Core"

# "Contrib" and "Custom"



Don't hack core

Don't be "that guy"  
*or gal!!*



# Let's try it

- Enable a module: Webform
- Create a webform!



# Now with a form!

The screenshot shows a Drupal website layout with several annotated elements:

- a.** A box containing the text "Coming soon! About to be the next big thing."
- b.** A box containing a link "magic" and the text "Any sufficiently advanced technology is indistinguishable from magic." by "Arthur C Clarke".
- c.** A contact form titled "Keep in touch!" with fields for "Your name", "E-mail", and a radio button selection for "Which best describes you?". It also includes a "How can we help you?" text area and a "Submit" button.
- d.** A box containing a "Drupal 7 GET STARTED" button.
- e.** A box containing a "Create new blog entry" link, a blog post titled "Hello Drupal, coming to a meet-up near you!" by "heather", and a list of items: "Presentation materials", "Manual", and "Instructor guide".
- f.** A box containing a horizontal line and a vertical tick mark.

# 3. Thinking like Drupal

Drupal is different...  
let's compare

# Typical process with other systems

## 1. Start with a great visual design “comp”

The screenshot shows a web browser window with the address bar set to `http://example.com`. The website layout includes a top navigation bar with links for 'home', 'about', 'news', 'products', and 'community'. Below the navigation, there is a section titled 'Great site!' followed by three paragraphs of placeholder text. A video player is embedded in the center, showing a black screen with '16:9' and a progress bar at '0:00 / 4:59'. To the right of the video player are fields for 'URL' and 'Embed'. Below the video player is a calendar widget for December 2008, and a list of categories with counts: agriculture (12), autos (72), business (345), cities (65), and companies (254). A large green checkmark icon is overlaid on the right side of the browser window, and a yellow square with the letters 'FW' is overlaid on the bottom left.

# 2. Develop the perfect markup

Convert the design to HTML, CSS and images

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>My Perfect Markup!</title>
    <meta charset="utf-8">
    <meta name="description" content="This is the best HTML ever.">
    <link rel="Shortcut Icon" type="image/ico" href="img/favicon.png">
    <link rel="stylesheet" href="css/reset.css" type="text/css"
media="screen">
    <link rel="stylesheet" href="css/style.css" type="text/css"
media="screen">
    <link rel="stylesheet" href="css/print.css" type="text/css"
type="text/css" media="print">
    <script type="text/javascript" src="js/jquery.js"></script>
    <script type="text/javascript" src="js/main.js"></script>
    <!--[if IE 7]>
      <script type="text/javascript" src="js/html5.js"></script>
    </if IE 7>
  </head>
  <body>
    <div id="wrap">
      <header>
        <div class="inside">
          <h1>Best <span>Ever</span></h1>
          <nav>
            </nav>
        </div>
      </header>
      <article>
        <section>
```

# 3. Integrate with “back end”

Create templates, use template calls.

```
<div id="wrap">
  <header>
    <div class="inside">
      <h1>Best <span>Ever</span></h1>
      <nav>

        <?php $magic_menu; ?>

      </nav>
    </div>
  </header>
  <article>
    <section>
      <div class="inside">

        <?php $featuredPosts->query('showposts=5&cat=3'); ?>

      </div>
    </section>
  </article>
```

# Uh oh...

## What happens when...

```
<div id="wrap">
  <header>
    <div class="inside">
      <h1>Best <span>Ever</span></h1>
      <nav>
        <?php $magic_menu; ?>
```

```
      </nav>
    </div>
  </header>
```

```
<article>
  <section>
    <div class="inside">
```

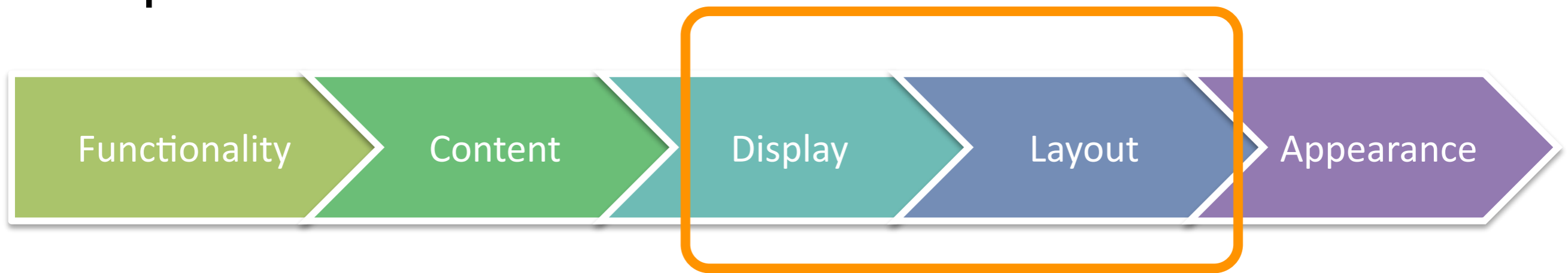
```
<?php $featuredPosts->query('showposts=5&cat=3'); ?>
```

```
    </div>
  </section>
</article>
```

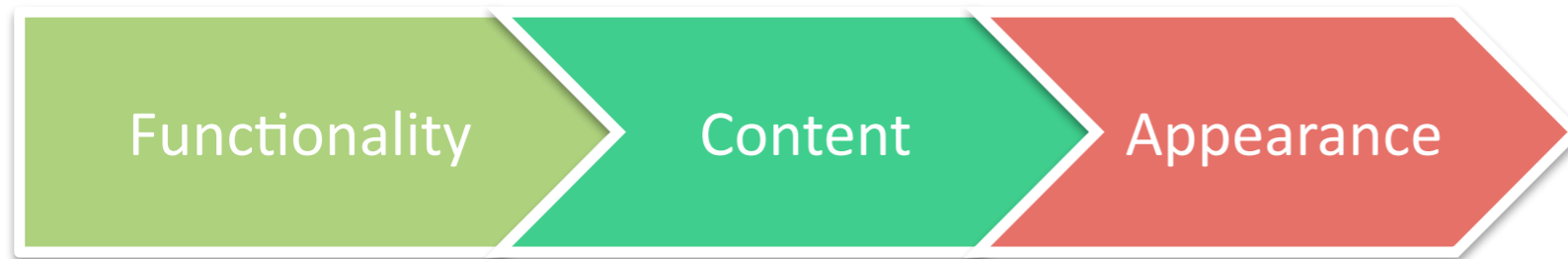
```
('showposts=5&cat=3');
```

# The Drupal Way

## Drupal

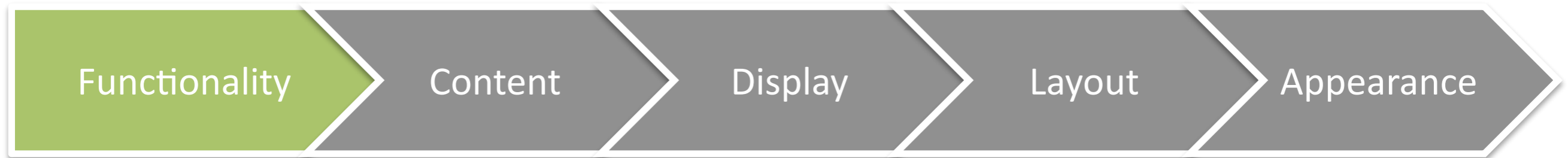


## Other systems





# The Drupal Way

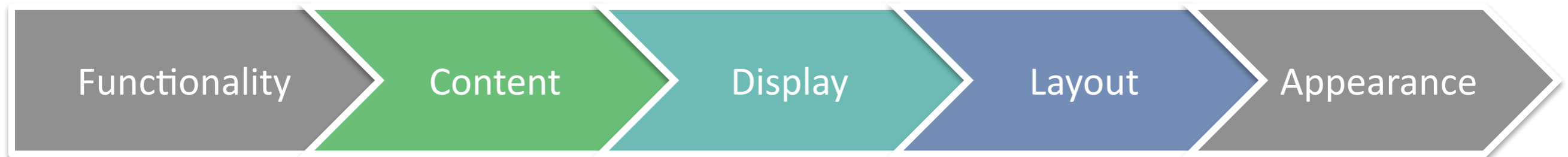


## 1. Functionality

What Functionality do you want?

Select and configure **modules**.

# The Drupal Way



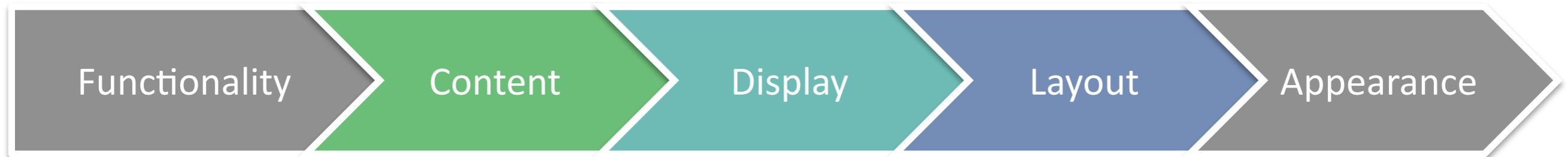
## 2. Content

What is the structure of content?

Create **content types** and configure them.

At this time you can work on **permissions**.

# The Drupal Way

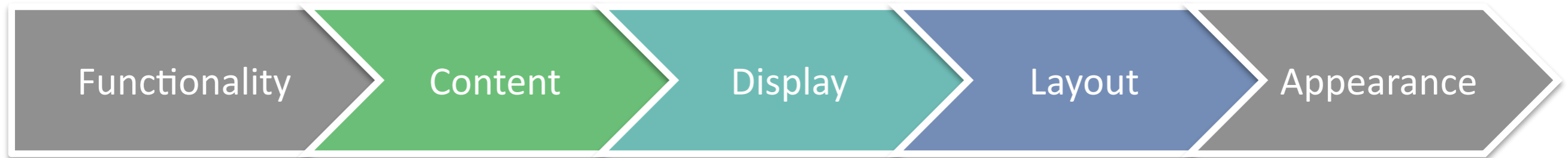


## 3. Display

How do you want the content displayed?

A List? A table? Thumbnail? In a block? On a page?

# The Drupal Way

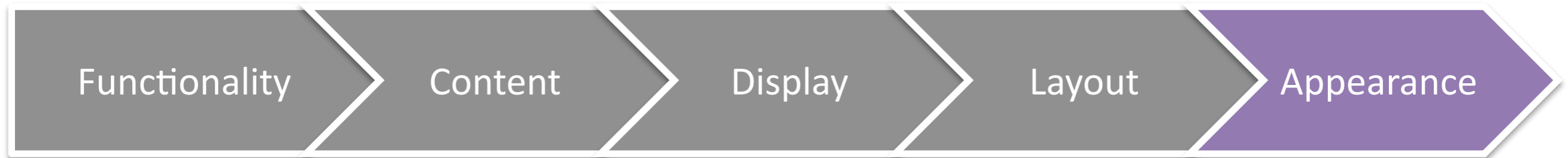


## 4. Layout

Where should it be accessed from?

Arrange layout, configure menus  
and navigation.

# The Drupal Way



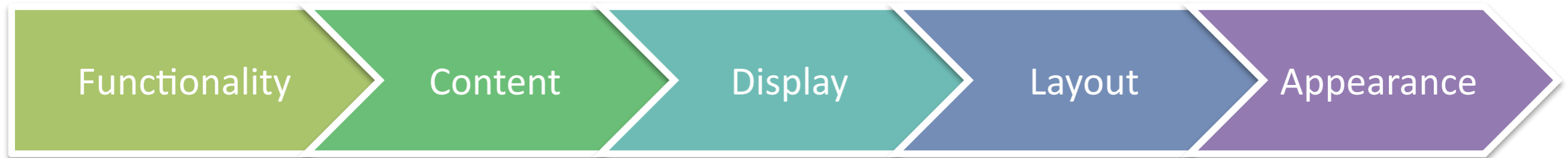
## 5. Appearance

What will your site look like?

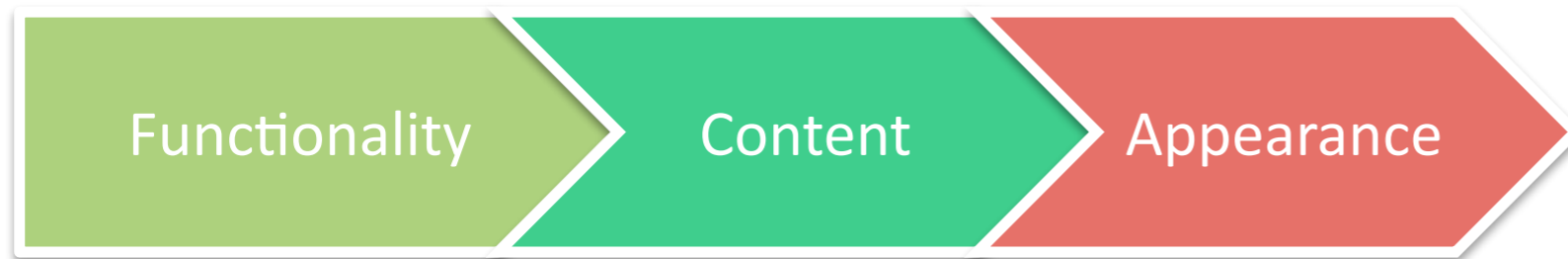
Create or customize your **theme**.

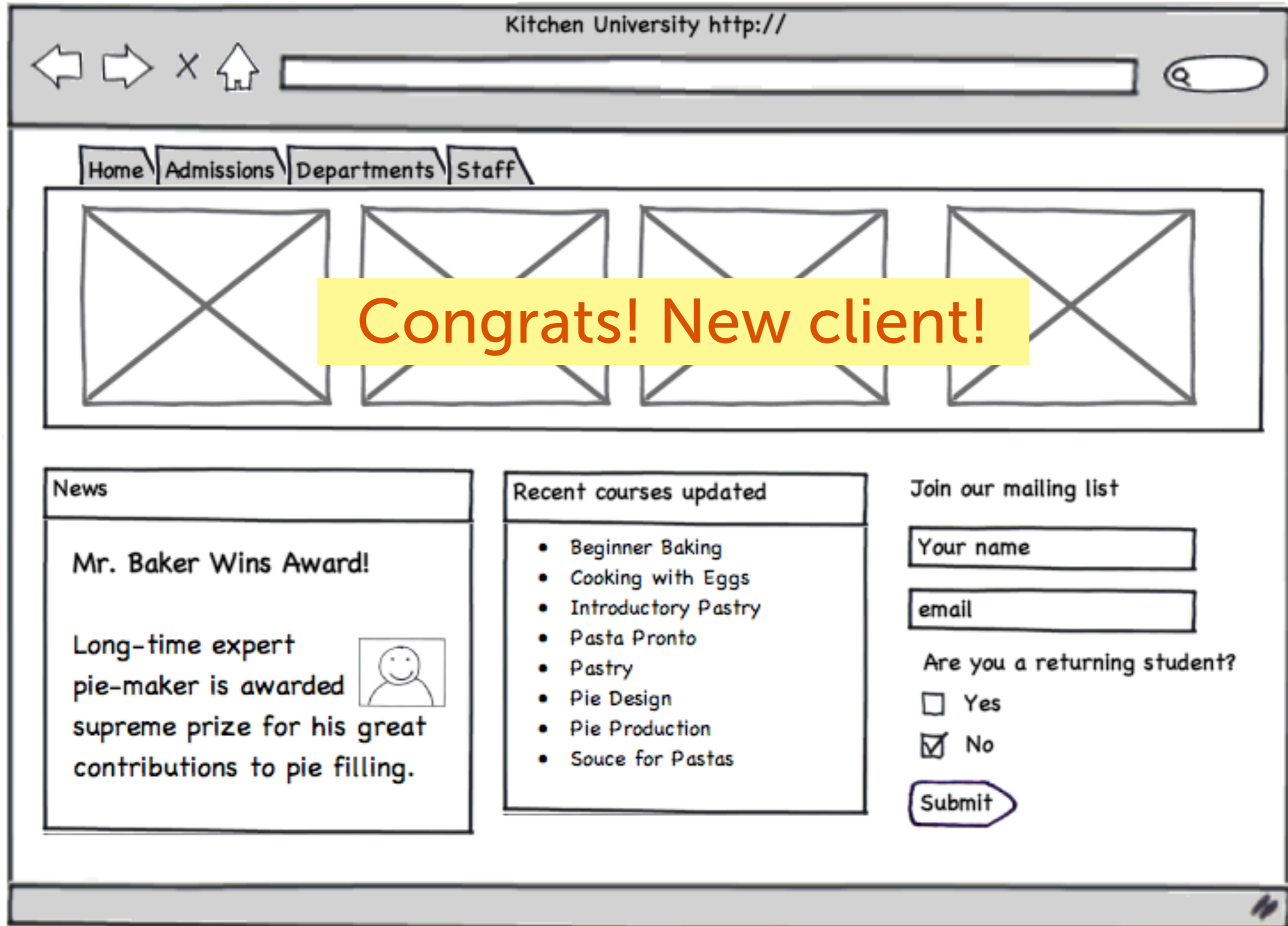
# The Drupal Way

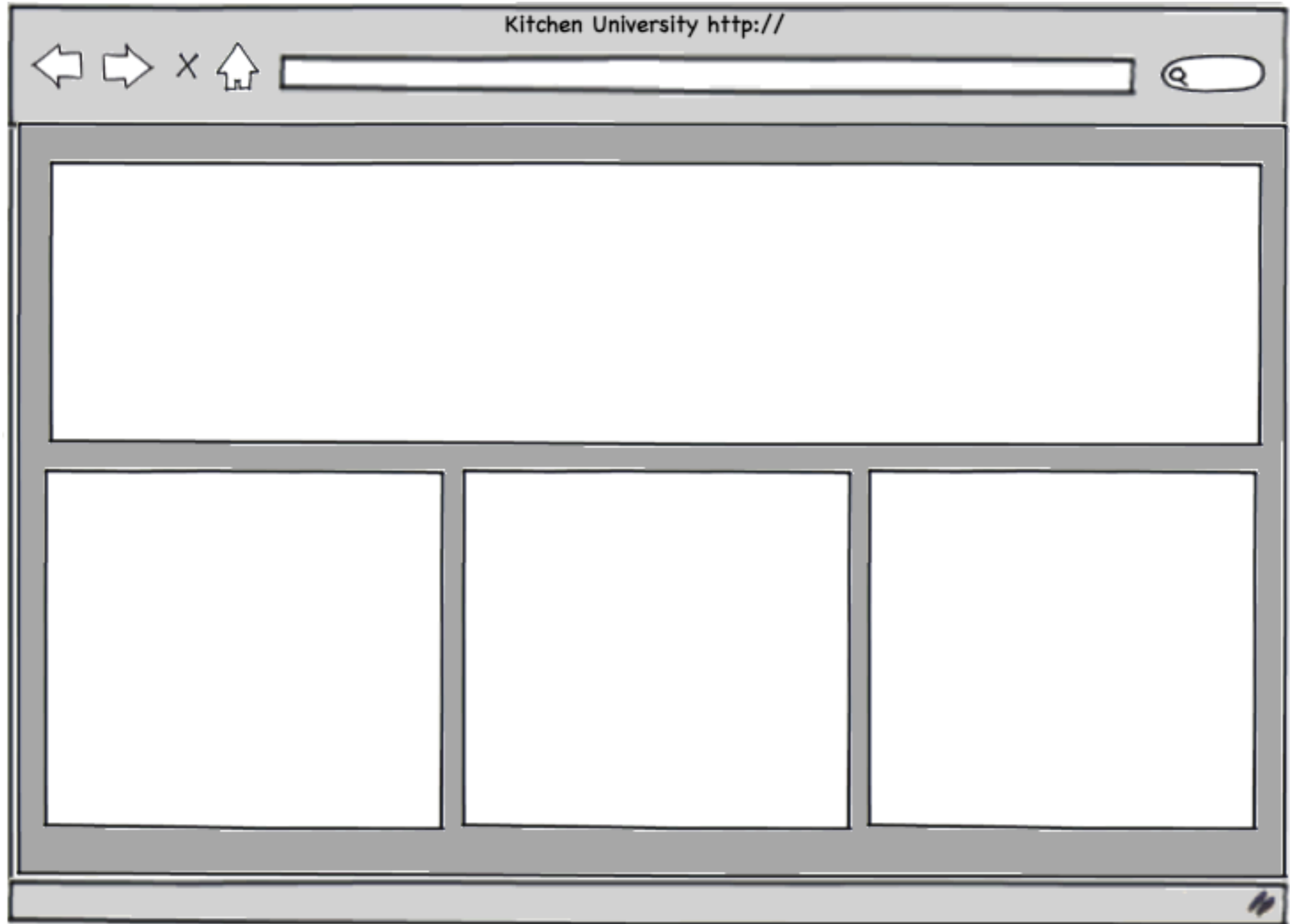
## Drupal



## Other systems

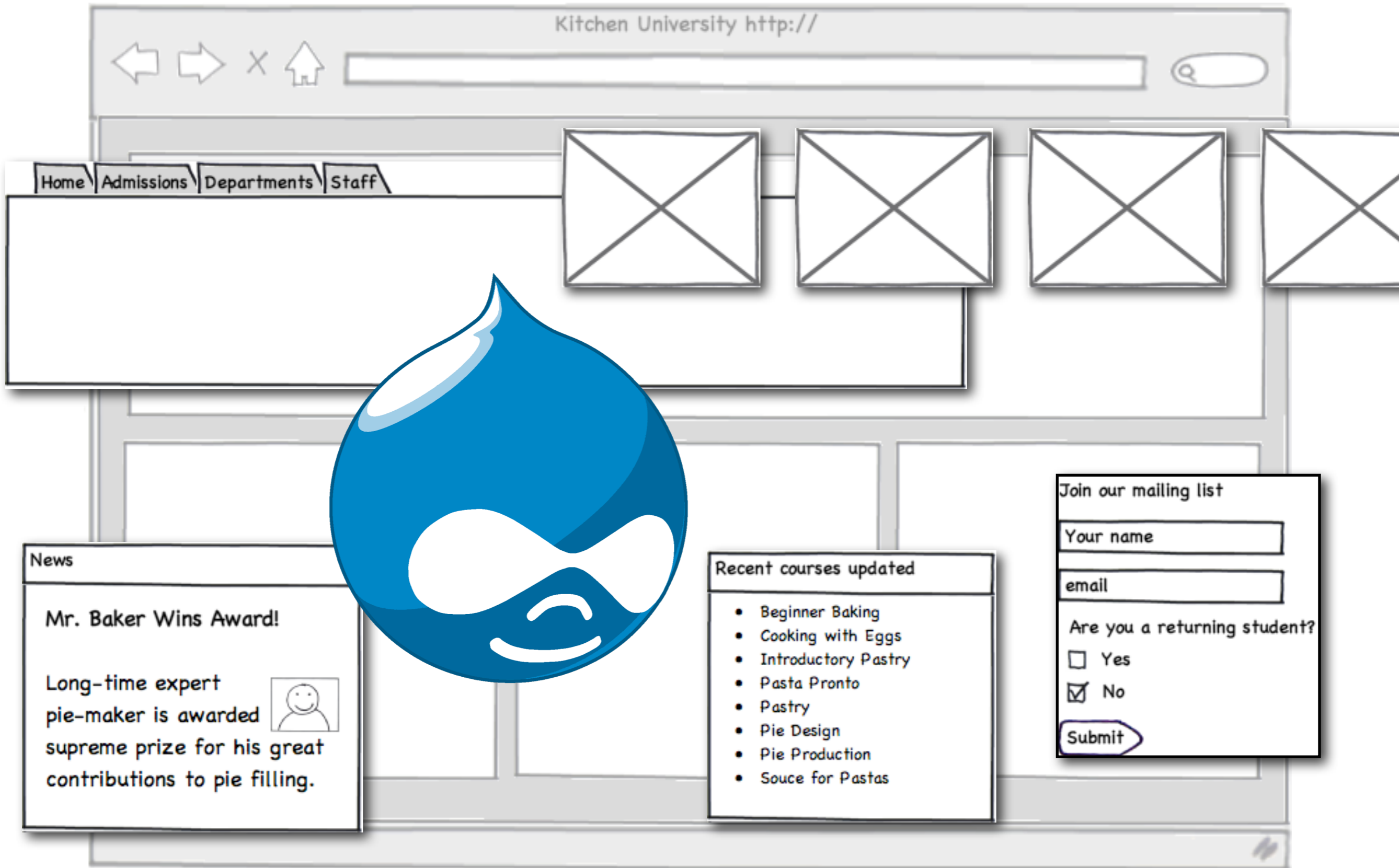




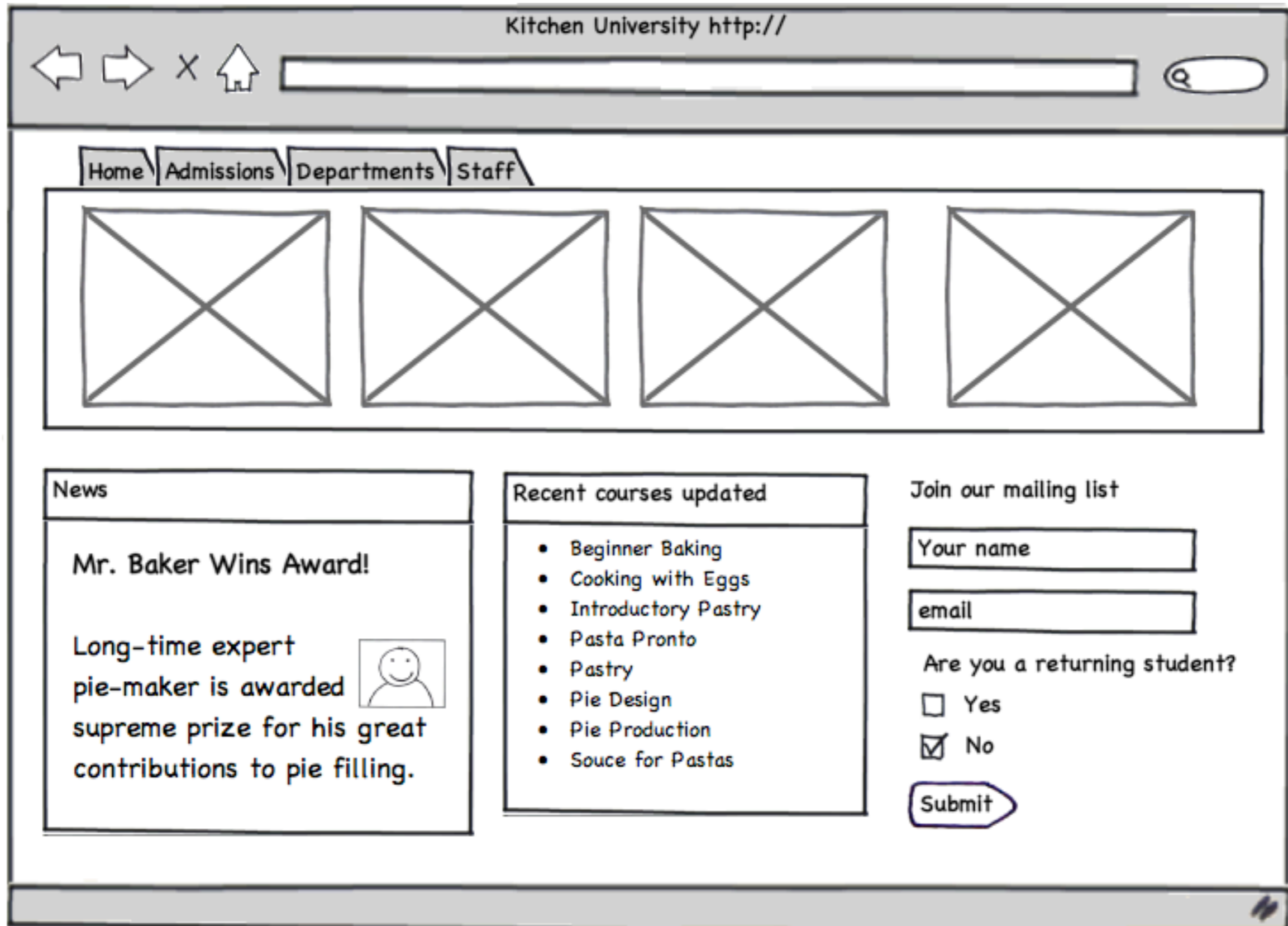


**Structure first** is not the Drupal way






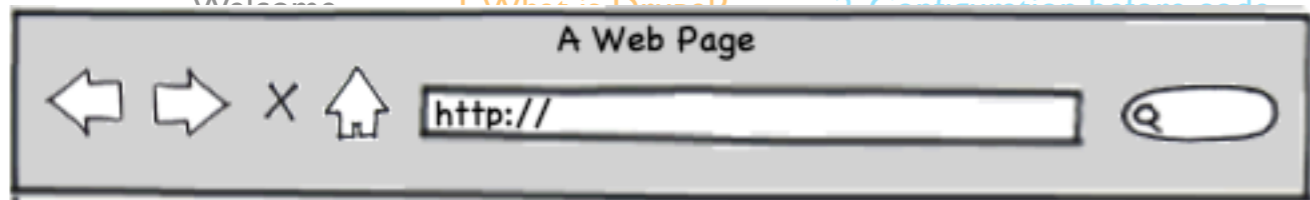
# Drupal is content first



# Content first then structure

Course
<p><b>Pie Design</b></p> <p>Description Learn to make your own unique pies!</p> <p>Teacher name: Mr Baker Expert pie-maker.</p> 
<ul style="list-style-type: none"><li>• Start Date: January 1st</li><li>• Duration: 3 weeks</li><li>• Class times: Monday 7pm-9pm</li></ul>
Department: Baking
Pre-requisites: Introductory Pastry
Categories: Design, Baking, Pastry

Imagine courses are added to the site through unstructured text fields



**Pie Design** **a.**

**Description** Learn to make your own unique pies!

**Teacher name:** Mr Baker  
Expert pie-maker.

- Start Date: January 1st
- Duration: 3 weeks
- Class times: Monday 7pm

**Department:** Baking

**Pre-requisites:** Introductory Pastry

**Categories:** Design, Baking, Pastry

Course ⊕

**Beginner baking**

**Description** The science and magic of

Course

**Introductory Pastry**

**Description** The flaky foundation of

Course

**Pie Design** **b.**

**Description** Learn to make your own unique pies

**Recent courses updated**

- Beginner Baking
- Cooking with Eggs
- Introductory Pastry
- Pasta Pronto
- Pastry
- Pie Design **c.**
- Pie Production
- Souce for Pastas

Select ^	Title	Department
<input type="checkbox"/>	Beginner Baking	Published
<input type="checkbox"/>	Cutlery	Unpublished
<input type="checkbox"/>	Health and Saftey	Unpublished
<input type="checkbox"/>	Introductory Pastry	Published
<input checked="" type="checkbox"/>	Pie Design	Published

**d.**

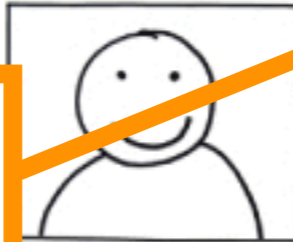
## Course

## Pie Design

**Description** Learn to make your own unique pies!

**Teacher name: Mr Baker**

Expert pie-maker. Winner of "Fantastic Filling" award.



- Start Date: September 1st
- Duration: 3 weeks
- Class times: Monday 7pm-9pm

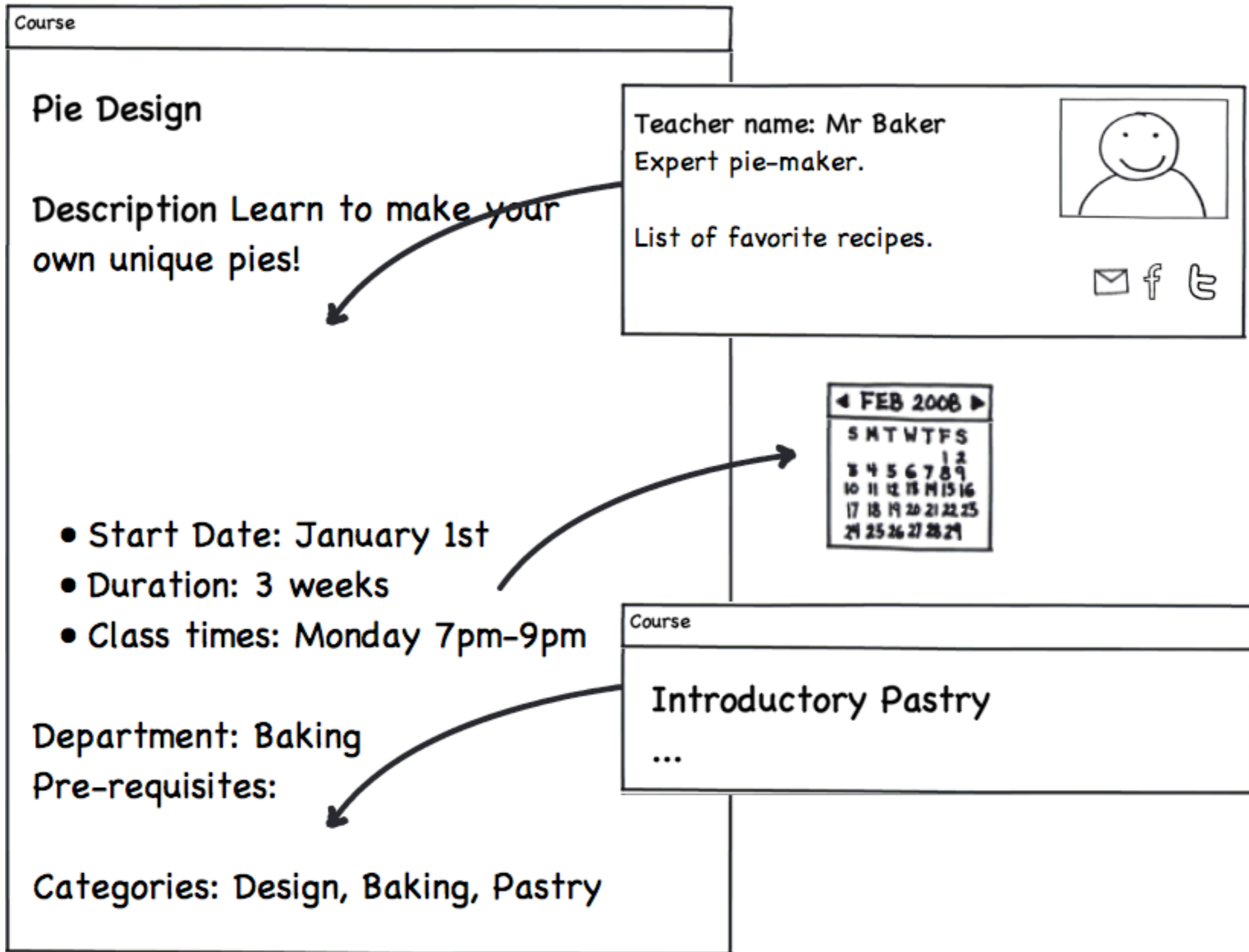
Department: Baking

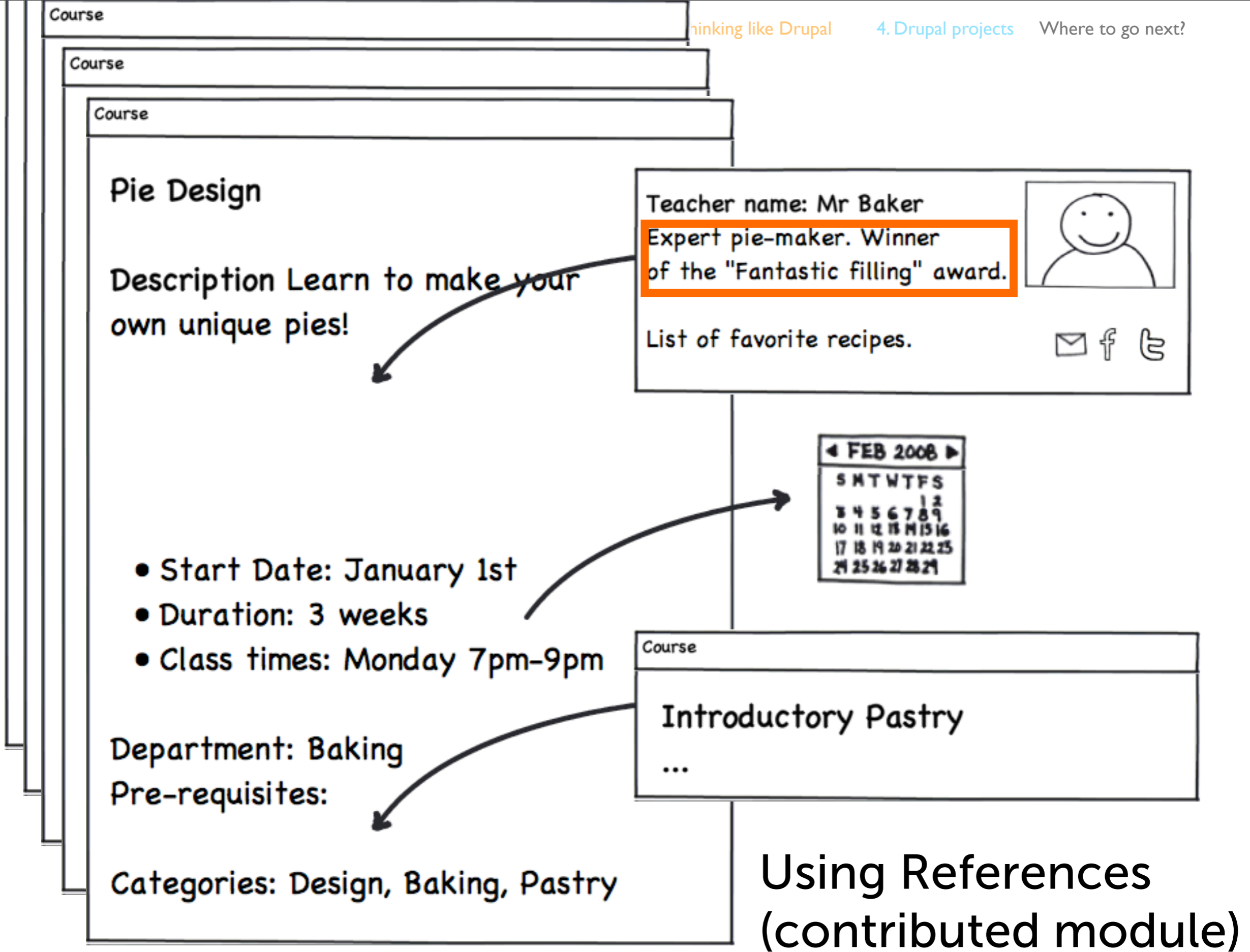
Pre-requisites: Introductory Pastry

Categories: Design, Baking, Pastry

Update of teacher info  
... on each course he teaches

Change of start date  
... everywhere it's listed





Using References (contributed module)

## Department: Baking

Course	⊕
<b>Beginner baking</b>	
Description The science and magic of the oven.	
Course	⊕
<b>Introductory Pastry</b>	
Description The flaky foundation of great pie	
Course	⊕
<b>Pie Design</b>	
Description Learn to make your own unique pies	
Course	⊕
<b>Pie Production</b>	
Description Essentials of quantity cookery	

In Drupal:

Using Taxonomy  
(Controls categories)



Recent courses updated
------------------------

In Drupal:

Using Views  
(Contributed module)

# Site building steps


1. Create content types
2. Test with real content
3. Create custom listing
4. Position the content
5. Develop appearance

# 1. Create the content type


+ Add a course


Course title


Description

Teacher 

Start date

/  /  

Department 

Prerequisite 

+ Categories

Publish

In Drupal:

Content types and fields

# 2. Enter in the content

+ Add a course

Course title

Description

Teacher

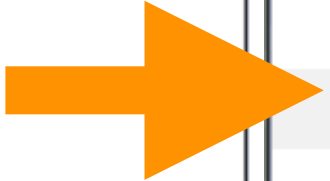
Start date

Department

Prerequisite

+ Categories

Publish



Select^	Title	Status
<input type="checkbox"/>	Beginner Baking	Published
<input type="checkbox"/>	Cutlery	Unpublished
<input type="checkbox"/>	Health and Saftey	Unpublished
<input type="checkbox"/>	Introductory pastry	Published
<input type="checkbox"/>	Pasta Pronto	Published

# 3. Generate list of content

+ Add a course

Course title

Description

Teacher

Start date

Department

Prerequisite

+ Categories

Publish

Select^	Title	Status
<input type="checkbox"/>	Beginner Baking	Published
<input type="checkbox"/>	Cutlery	Unpublished
<input type="checkbox"/>	Health and Saftey	Unpublished
<input type="checkbox"/>	Introductory pastry	Published
<input type="checkbox"/>	Pasta Pronto	Published

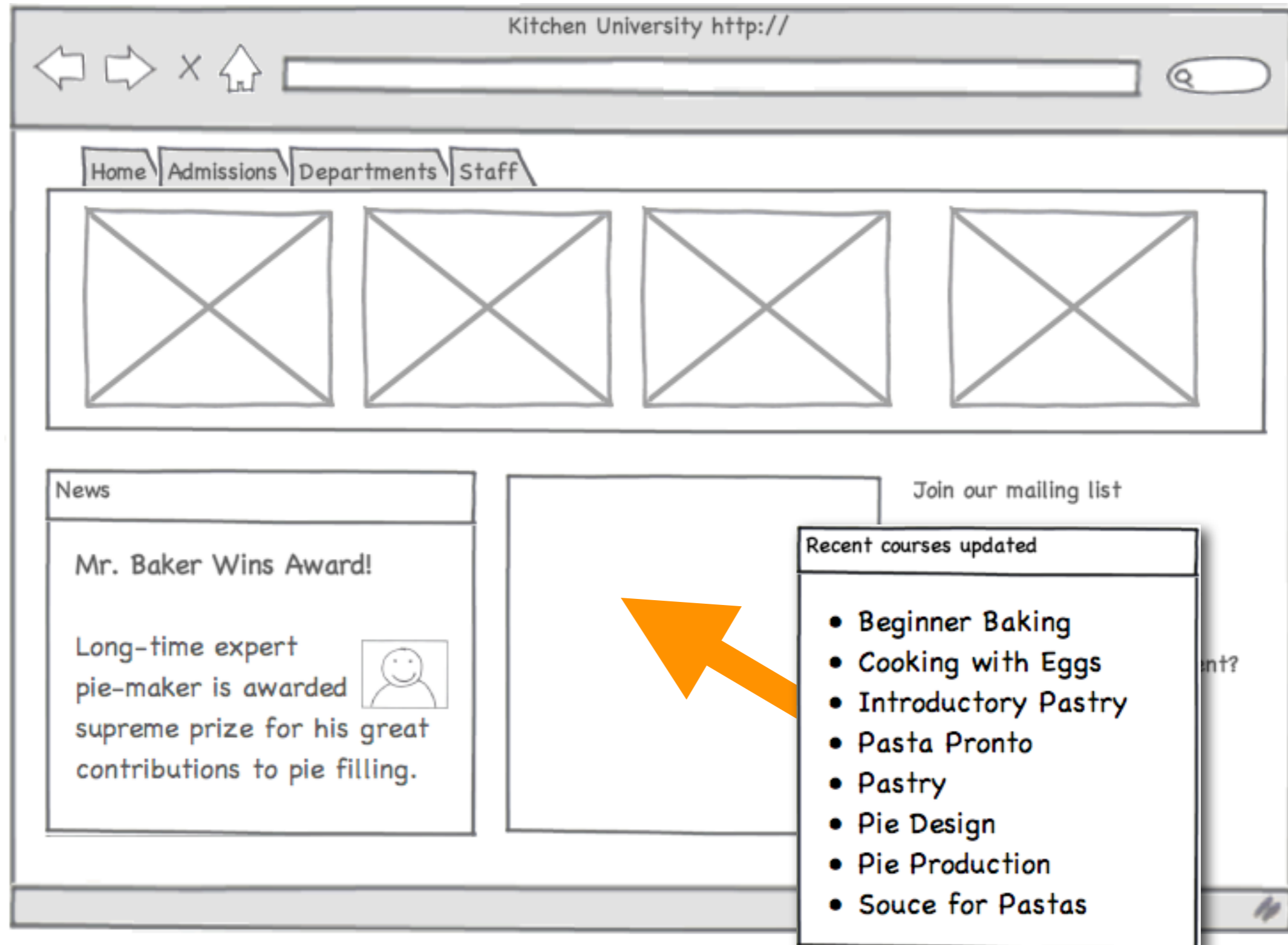
Recent courses updated

- Beginner Baking
- Cooking with Eggs
- Introductory Pastry
- Pasta Pronto
- Pastry
- Pie Design
- Pie Production
- Souce for Pastas

In Drupal:

Use Views to build a query and specify display

# 4. Placed in region



# Let's try it

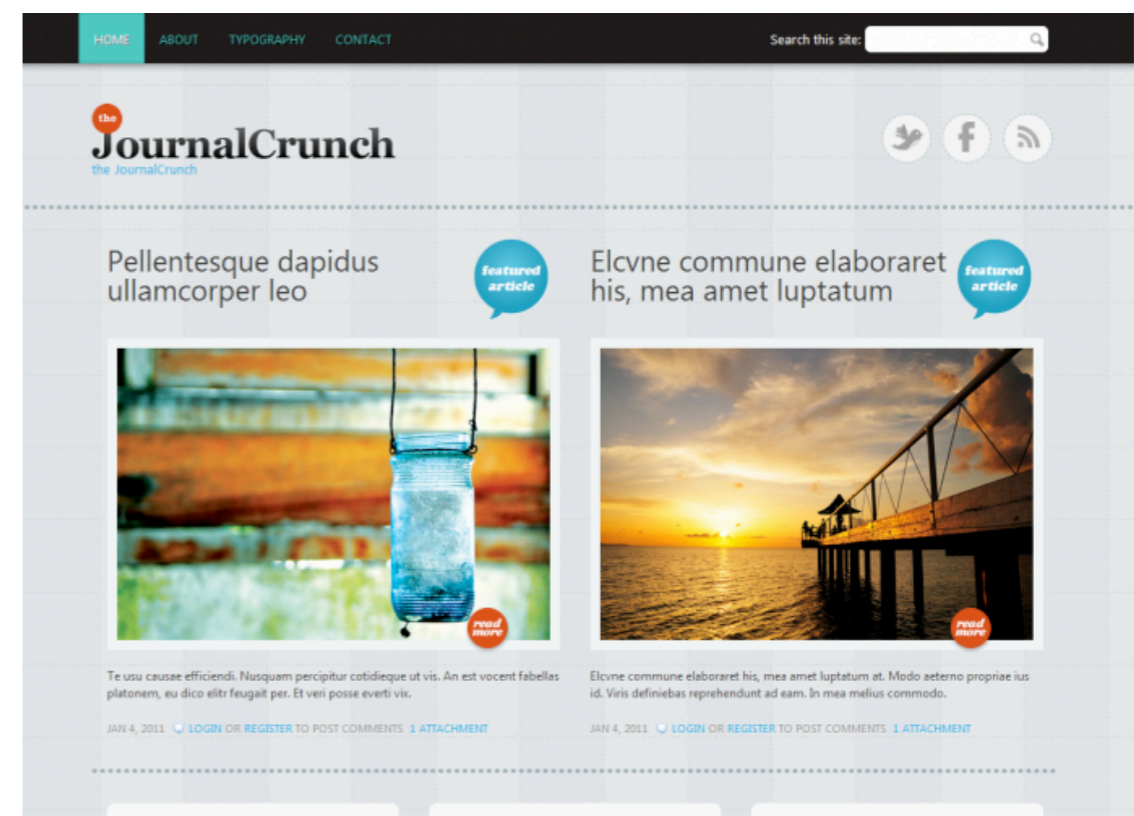
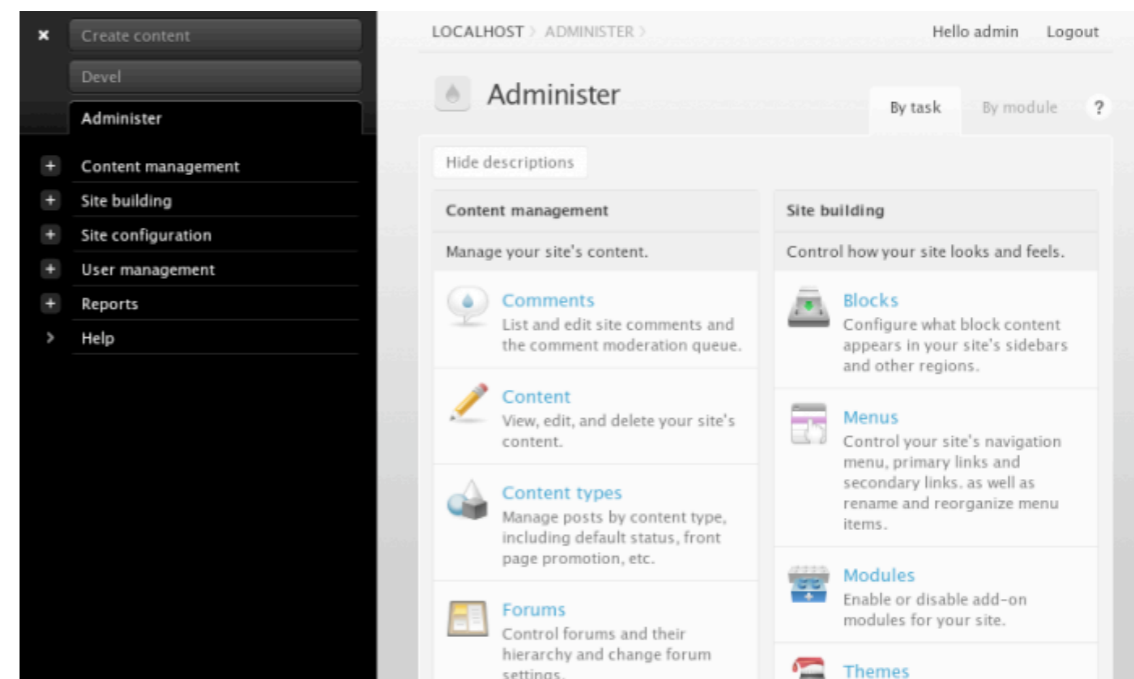
- Create a content type: Quotes
- Create custom list of content
- Position content
- Optional:
  - Configure appearance

# 4. Drupal Projects

Themes and Modules  
...and the people  
who make them

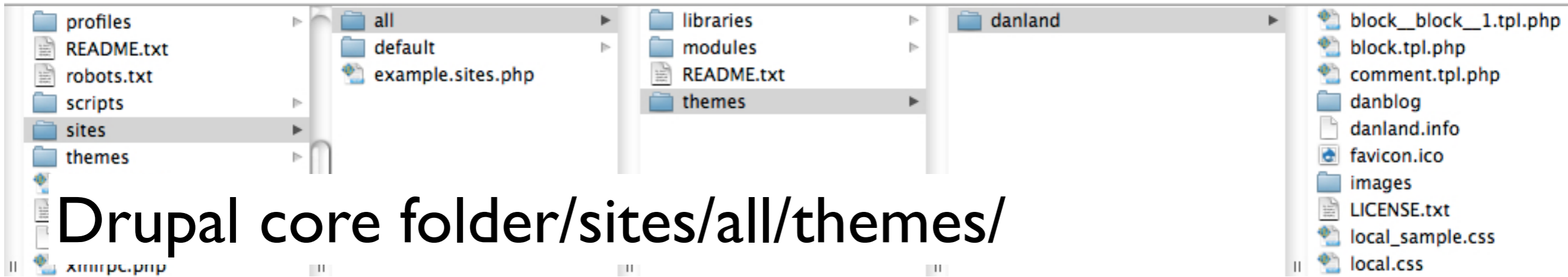


# Themes

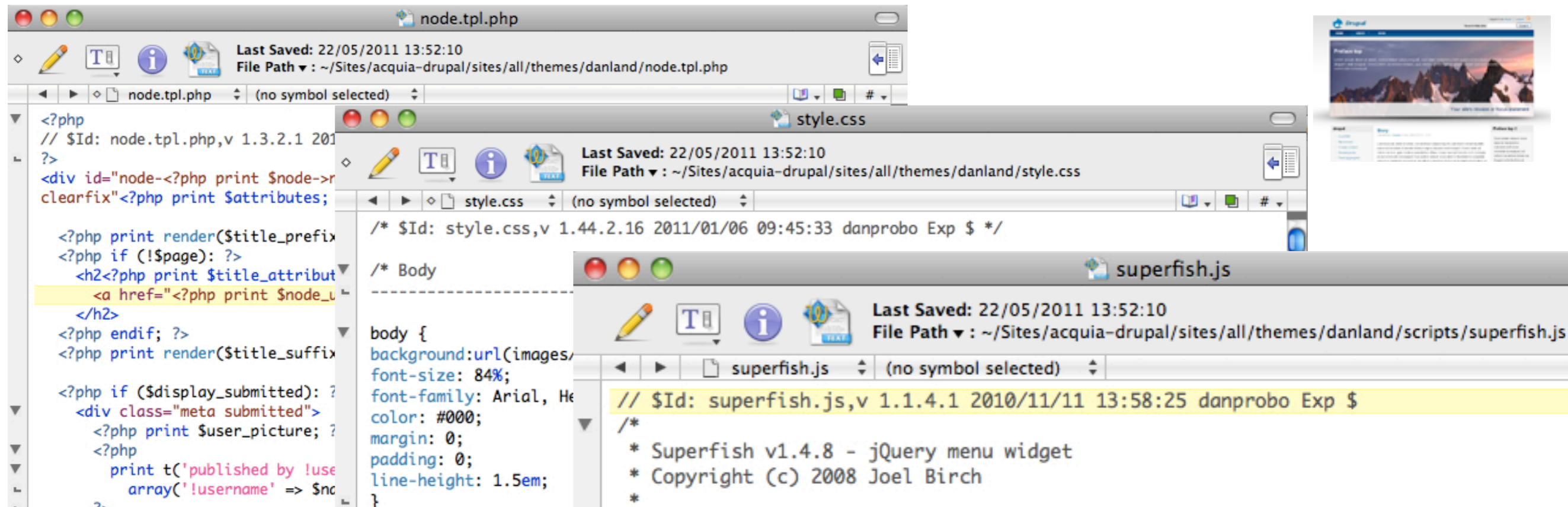


# What is it really?

## Location in file hierarchy:



Drupal core folder/sites/all/themes/



# Modules

Software to extend the functionality of Drupal.

Here are some examples:



**Fivestar: A content rating system**



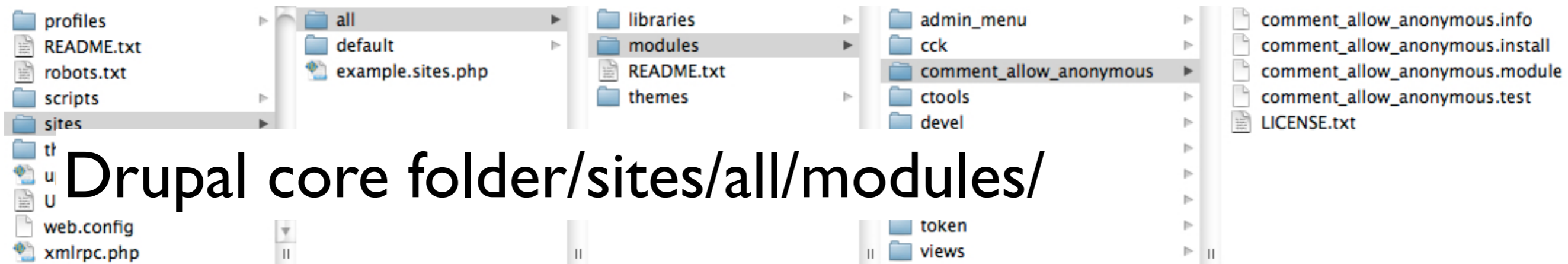
**Webform: Submission form**



**Flag: All purpose content marker**

# What is it really?

## Location in file hierarchy:



```

comment_allow_anonymous.module
Last Saved: 02/06/2011 19:53:26
File Path: ~/Sites/acquia-drupal/sites/all/module...us/comment_allow_anonymous.module
comment_allow_anonymous.module (no symbol selected)
<?php
// $Id: comment_allow_anonymous.module,v 1.1 2010/11/04 09:08:04 chx Exp $
/**
 * @file comment_allow_anonymous.module
 *
 * Adds a disallowed for anonymous option per node type.
 */
/**
 * Implementation of hook_form_FORM_ID_alter().
 */
function comment_allow_anonymous_form_node_type_form_alter(&$form) {
  $form['comment']['comment_anonymous']['#options'] = array(-1 => t('Anonymous

```

# Many module categories

## Administration

Pathauto  
Administration menu  
Wysiwyg  
Advanced help  
Backup and Migrate  
[More Administration](#)

## Commerce/Advertising

Ubercart  
Simplenews  
SEO Checklist  
AdSense  
Advertisement  
[More Commerce/Advertising](#)

## Community

Simplenews  
Author Pane  
Advanced Forum  
ACL  
Privatemsg  
[More Community](#)

## Content

FileField  
ImageField  
Date  
Wysiwyg  
Nodewords  
[More Content](#)

## Content Access Control

Content Access  
ACL  
Workflow  
Forum Access  
Nodeaccess  
[More Content Access Control](#)

## Content Construction Kit (CCK)

FileField  
ImageField  
Date  
Link  
Email Field  
[More Content Construction Kit \(CCK\)](#)

## Content Display

Views  
Panels  
Calendar  
Views Slideshow  
Email Field  
[More Content Display](#)

## Database Drivers

Oracle driver  
FileMaker  
DBTNG Migrator  
Riak Field Storage  
Drupal 7 driver for SQL Server and SQL Azure  
[More Database Drivers](#)

## Developer

Administration menu  
Chaos tool suite  
Backup and Migrate  
Devel  
Rules  
[More Developer](#)

## Drush

Backup and Migrate  
XML sitemap  
Devel  
Views Bulk Operations (VBO)  
Node export  
[More Drush](#)

## E-commerce

Ubercart  
Simplenews  
Ubercart Views  
Ubercart Discount Coupons  
Terms of Use  
[More E-commerce](#)

## Evaluation/Rating

Webform  
Voting API  
Fivestar  
Flag  
Facebook social plugins integration  
[More Evaluation/Rating](#)

## Event

Date

## Examples

[Examples for Developers](#)

## Features Package

[ThemeKey](#)

## Fields

Date

<http://drupal.org/project/modules/categories>

[More Event](#)

[More Examples](#)

[More Features Package](#)

[More Fields](#)

File Management

Filters/Editors

Games and

Import/Export

# Module search

## Download & Extend

[Download & Extend Home](#)[Drupal Core](#)[Modules](#)[Themes](#)[Translations](#)[Installation Profiles](#)

1288 Modules match your search

Modules categories:

Filter by compatibility:

Status:

Search Modules:

Sort by:

- Any -
- 8.x
- 7.x
- 6.x
- 5.x
- 4.7.x

### Most Installed

[Wysiwyg](#)[Backup and Migrate](#)[XML sitemap](#)[Page Title](#)[More Most installed](#)

### New Modules

[CONTENTdm Integration](#)[Ubercart Checkout Signup](#)[Piwik release block](#)[Schema.org](#)[More New Modules](#)

Contributed modules are add-ons for Drupal, allowing you to extend, build, and customize Drupal's core functionality. These modules are not part of the core files and may not have optimized code/functionality for your purposes. If there isn't a module to solve your needs, you can [create one](#) for the rest of the community to use, or consider [joining forces](#) and helping the maintainer. You can also [view a full index of modules](#) listing only their titles. See the [handbook page](#) for help on installing modules.

<http://drupal.org/project/modules/>

**Project Information**

Maintenance status: **Actively maintained**  
 Development status: **Under active development**  
 Module categories: [Event](#), [JavaScript Utilities](#),  
[Third-party Integration](#)

Reported installs: **911** sites currently report using this module. [View usage statistics.](#)  
 Last modified: June 2, 2011

**Submodule: jquery\_countdown\_block**

There is a submodule called "jQuery Countdown Block" - we can use this submodule to provide one or more countdowns as a Block. It's very easy go to "admin/build/block" and click on the local task "Add countdown block". Now configure the countdown how ever you want. After save you have now a block that can be placed on every region.

**Example for development usage:**

We can use jQuery Countdown in two different ways, one is using `theme('jquery_countdown')`, the other is using `jquery_countdown_add()`. The following would display the amount of time since the New Year...

```
<?php
echo theme('jquery_countdown', array(
  'since' => date("F d, Y g:i a", mktime(0,0,0,0,0,2009)),
  'format' => 'YOWOHMS',
  'description' => t('Since New Year'),
));
?>
```

In this example, we display an alert box saying "You are done!" after counting down from 10...

```
<?php
echo '<div class="countdown">10 seconds!</div>';
jquery_countdown_add(".countdown", array("until" => 10, "onExpiry" =>
"finished"));
drupal_add_js("function finished() { alert('You are done!'); }", 'inline');
?>
```

**Downloads**

**Recommended releases**

Version	Downloads	Date	Links
6.x-1.7	<a href="#">tar.gz (31.58 KB)</a>   <a href="#">zip (47.12 KB)</a>	2011-Jun-02	<a href="#">Notes</a>

**Development releases**

Version	Downloads	Date	Links
7.x-1.x-dev	<a href="#">tar.gz (30.41 KB)</a>   <a href="#">zip (45.41 KB)</a>	2011-May-16	<a href="#">Notes</a>
6.x-1.x-dev			
5.x-1.x-dev			

**Maintainers for jQuery Countdown**

**Blackice2999** - 25 commits  
 last: 1 week ago, first: 11 weeks ago

**Rob Loach** - 16 commits  
 last: 1 year ago, first: 2 years ago

[View all committers](#)  
[View commits](#)

**Issues for jQuery Countdown**

To avoid duplicates, please search before submitting a new issue.

**Advanced search**

**All issues**  
 12 open, 28 total

**Bug reports**  
 1 open, 3 total

**Subscribe via e-mail**  
 Oldest open issue: 24 Oct 09

**Recent issues**

- [Can we have countdown per node?](#) **new**
- [add support for lowercase letters in format to prevent zero values from displaying](#) **updated**
- [Module Doesn't Play "The Final Countdown" when installed](#) **updated**
- [CCK date field formatter](#)
- [Drupal 7 port](#)

**Related projects**

- [Mouse Wheel](#)
- [Ubuntu Drupal Countdown](#)
- [jQuery Impromptu](#)
- [Countdown](#)
- [Better Messages](#)

**Resources**

- [Home page](#)
- [Read documentation](#)
- [Try out a demonstration](#)
- [View project translations](#)

# Project page

Who maintains this?

What are current issues?

Download links

Similar projects?

Documentation?

[http://drupal.org/project/jquery\\_countdown](http://drupal.org/project/jquery_countdown)

# Downloads and version numbers

## Downloads

### Recommended releases

Version	Downloads	Date	Links
<a href="#">6.x-1.3</a>	<a href="#">tar.gz</a> (93.83 KB)   <a href="#">zip</a> (108.32 KB)	2010-May-09	<a href="#">Notes</a>
<a href="#">5.x-1.1</a>	<a href="#">tar.gz</a> (51.12 KB)   <a href="#">zip</a> (57.3 KB)	2009-Mar-14	<a href="#">Notes</a>

### Other releases

Version	Downloads	Date	Links
<a href="#">7.x-2.0-beta5</a>	<a href="#">tar.gz</a> (109.39 KB)   <a href="#">zip</a> (127.72 KB)	2011-Jan-12	<a href="#">Notes</a>
<a href="#">6.x-2.0-beta5</a>	<a href="#">tar.gz</a> (114.38 KB)   <a href="#">zip</a> (132.99 KB)	2011-Jan-12	<a href="#">Notes</a>

### Development releases

Version	Downloads	Date	Links
<a href="#">7.x-2.x-dev</a>	<a href="#">tar.gz</a> (72.28 KB)   <a href="#">zip</a> (85.85 KB)	2011-Feb-25	<a href="#">Notes</a>
<a href="#">6.x-2.x-dev</a>	<a href="#">tar.gz</a> (76.86 KB)   <a href="#">zip</a> (90.88 KB)	2011-Feb-25	<a href="#">Notes</a>

[View all releases](#) 



# Project information

## Project Information

Maintenance status: **Actively maintained**

Development status: **Under active development**

Reported installs: **25047** sites currently report using this module. [View usage statistics.](#)

Last modified: March 2, 2011

## Project Information

Maintenance status: **Unknown**

Development status: **Unknown**

Reported installs: **2** sites currently report using this installation profile. [View usage statistics.](#)

Last modified: January 17, 2011

# Modules are built by people



Photos from code sprints  
(cc) by muir.ceardach  
<http://www.flickr.com/photos/ceardach>

# Open Source

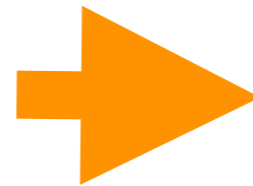
**do·o·cra·cy** /dō'äkɾəsē/ **Noun**

Responsibilities and and rights  
granted to those people who *do* the  
work rather than elected officials.

<http://www.communitywiki.org/DoOcracy>

# Meet a module

Admin role - Drupal 5.x



Admin role - Drupal 6.x

Bevan Rudge ported to 6  
Dave Reid later joined

User settings

User registration settings	<b>Administrator role:</b> <input type="text" value="administrator"/> <small>This role will be automatically assigned new permissions whenever a module is enabled.</small>
User e-mail settings	
Signatures	
Pictures	
<b>Administrator role</b>	

Now part of  
Drupal 7!



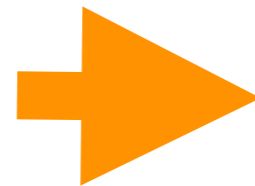
<http://drupal.org/project/adminrole>

# Meet a maintainer



**Stella Power**

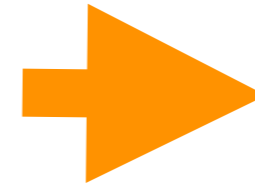
Started in  
Drupal as a  
**HOBBY!**



**2007**

First module  
contributed.

Now involved in  
on **19** projects



Founded in  
2010 and  
employs  
**4** people

On Drupal.org: stella <http://drupal.org/user/66894>

# How you can help them:

Provide clear bug reports/screenshots.  
Be respectful. Contribute what you can.



**Stella Power**



**Jacob Singh**

stella <http://drupal.org/user/66894>

JacobSingh <http://drupal.org/user/68912>

# Let's try it

# Scavenger Hunt!

Break into pairs.

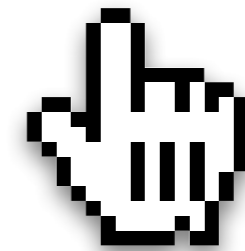
You have 5 minutes to find the projects!

# 5. Where to go next?



# Before Q+ A Feedback

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



# Next:

- Download distributions and try them out.
- Try out some new modules.
- Join or start a local meet-up.
- Join a [Groups.Drupal.org](https://groups.drupal.org) group.
- Help out others on [Drupal.org](https://drupal.org)

# Questions?

# Review

**a.** Coming soon!  
Just getting to know Drupal

**b.** Home Galleries About Example links

**c.** Keep in touch  
Your name  
email  
link  
Question or comment  
About you  
 A vendor  
 A partner  
Submit

**d.** search

**e.** Welcome  
This is my site. I'm just getting to find out about the flexibility of Drupal. There are thousands of modules which can save me time and money in developing unique functionality my website or application, and a really big community.  
Read more

# Let's try it

- If you haven't already - create a user account on Drupal.org
- Find a user group or a topical group
- <http://tinyurl.com/localdrupal>