

INTRO TO DRUPAL



The Eleventh Annual Southern California Linux Expo
February 22-24, 2013
Hilton Los Angeles International Airport

February 23, 2013



DREAM, DESIGN, DELIVER (REPEAT)

www.the-lakewood-group.com

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making waves with drupal

www.sagetree.net

AGENDA

- **Drupal Overview**
- **Site Building**
- **Theming**
- **Module Development**
- **Q & A**

ADVENTURE TRAVEL

Tours

Guides

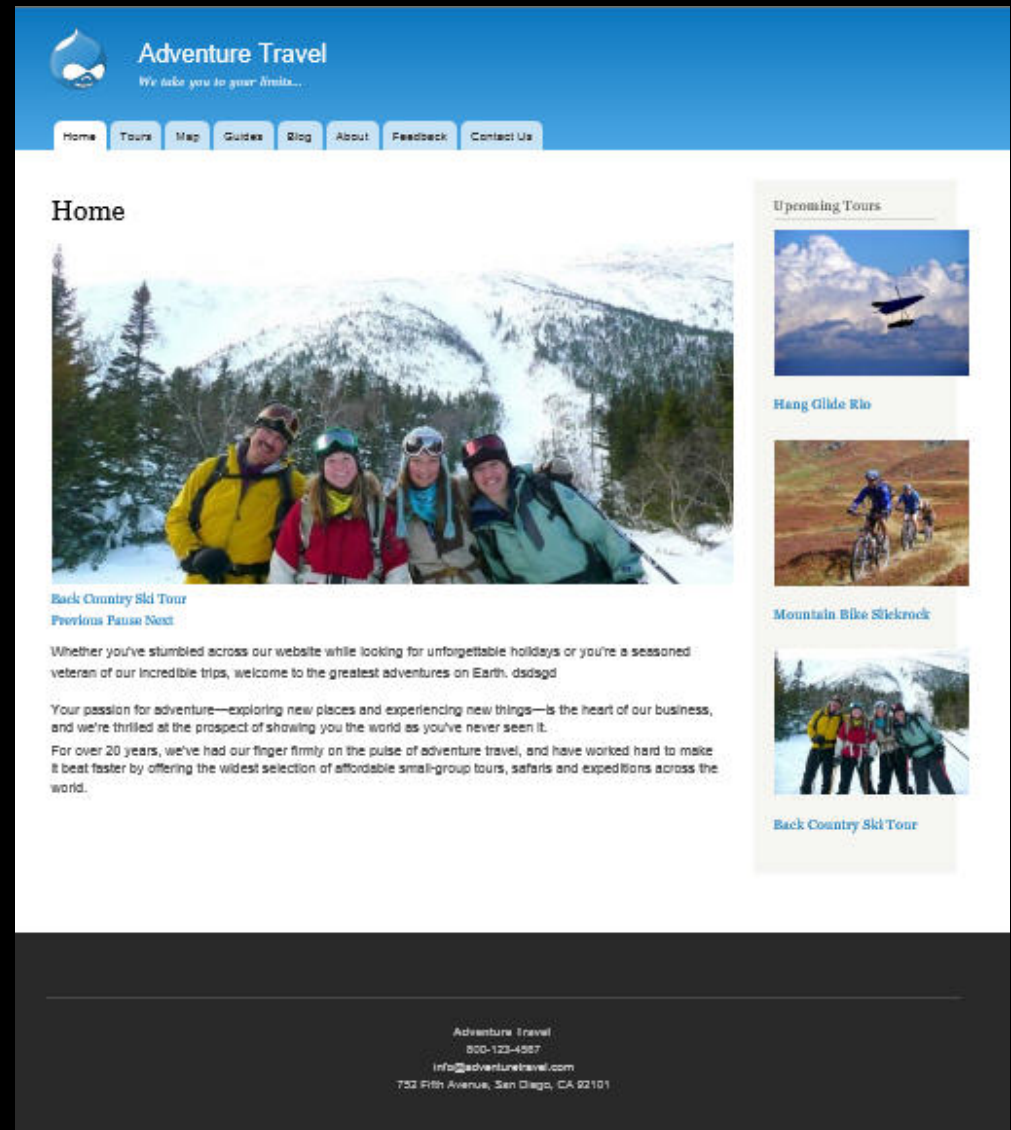
Map

Blog

About

Feedback

Contact Us




The screenshot shows the Adventure Travel website homepage. At the top is a blue navigation bar with the Adventure Travel logo and tagline "We take you to your limits...". Below the navigation bar are several menu items: Home, Tours, Map, Guides, Blog, About, Feedback, and Contact Us. The main content area features a large "Home" section with a photo of four people in winter gear in a snowy mountain setting. Below the photo is the text "Back Country Ski Tour" and "Previous Posts Next". To the right of the main content is a "Upcoming Tours" section with three tour cards: "Hang Glide Rio" (with a photo of a hang glider), "Mountain Bike Sieckrock" (with a photo of people on bicycles), and "Back Country Ski Tour" (with a photo of people in winter gear). At the bottom of the page is a dark grey footer with contact information: Adventure Travel, 800-123-4567, info@adventuretravel.com, and 732 Fifth Avenue, San Diego, CA 92101.

Adventure Travel
We take you to your limits...

Home Tours Map Guides Blog About Feedback Contact Us

Home




[Back Country Ski Tour](#)
[Previous Posts Next](#)

Whether you've stumbled across our website while looking for unforgettable holidays or you're a seasoned veteran of our incredible trips, welcome to the greatest adventures on Earth. dsdsgd


Your passion for adventure—exploring new places and experiencing new things—is the heart of our business, and we're thrilled at the prospect of showing you the world as you've never seen it.

For over 20 years, we've had our finger firmly on the pulse of adventure travel, and have worked hard to make it beat faster by offering the widest selection of affordable small-group tours, safaris and expeditions across the world.


Upcoming Tours



[Hang Glide Rio](#)



[Mountain Bike Sieckrock](#)



[Back Country Ski Tour](#)

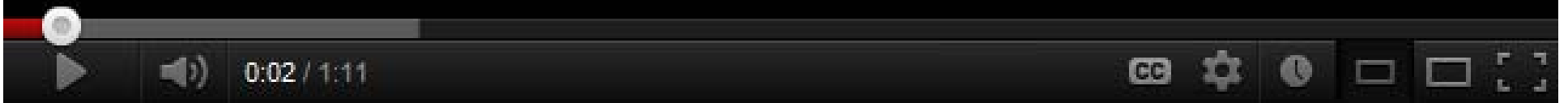
Adventure Travel
800-123-4567
info@adventuretravel.com
732 Fifth Avenue, San Diego, CA 92101

WHAT DO THESE THREE THINGS HAVE IN COMMON?



douglaschoffman.com/downloads.html

What is
Drupal?



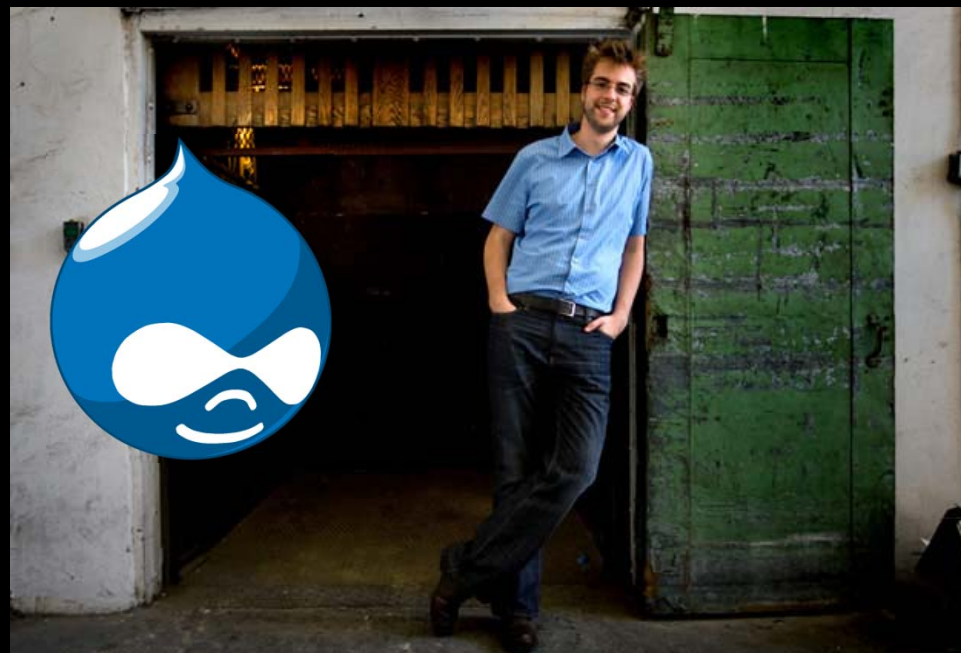
<http://www.youtube.com/watch?v=rF1X12PE6PY>

WHAT IS DRUPAL? DRIES BUYTAERT

Dries started a small bulletin board for his friends. He called it "dorp" the Dutch word for village, but a typo when he

registered the domain made it drop.org.

In 2001, Dries released it as open source and named it Drupal which is Dutch for drop.



WHO, WHAT & WHERE IS DRUPAL?



938,104 people in 228 countries* speaking 181 languages power Drupal.



News

● Docs Updates

● Forum Posts

● Commits

Drupal 7.20 released

February 20, 2013

Drupal 7.20, a maintenance release which contains fixes for security vulnerabilities, is now available for download. See the Drupal 7.20 release notes for further information. [Read more](#)

[Drupal 7.19 and 6.28 released](#)

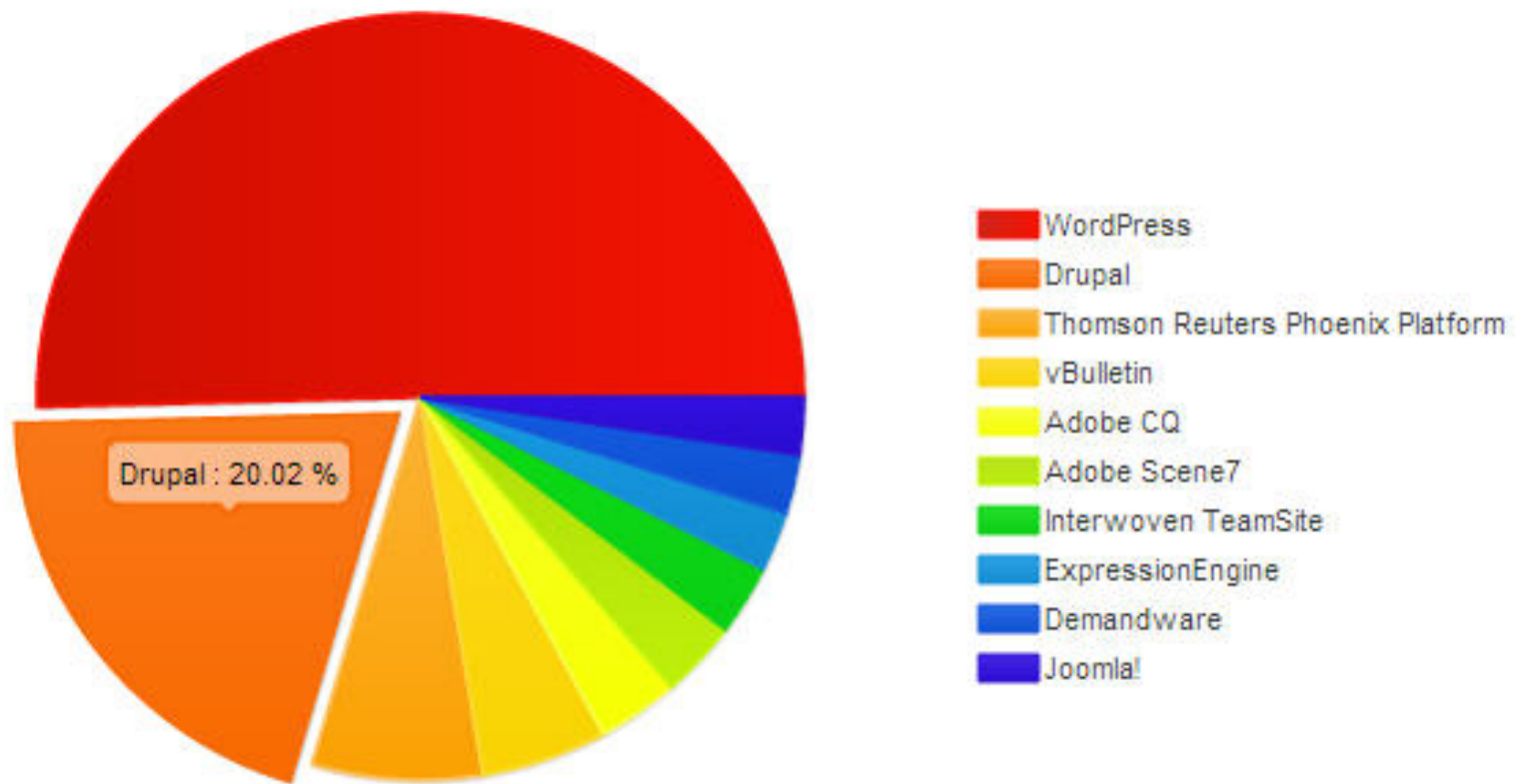
[Predictions for 2013](#)

[Drupal 7.18 and 6.27 released](#)

[More news...](#)

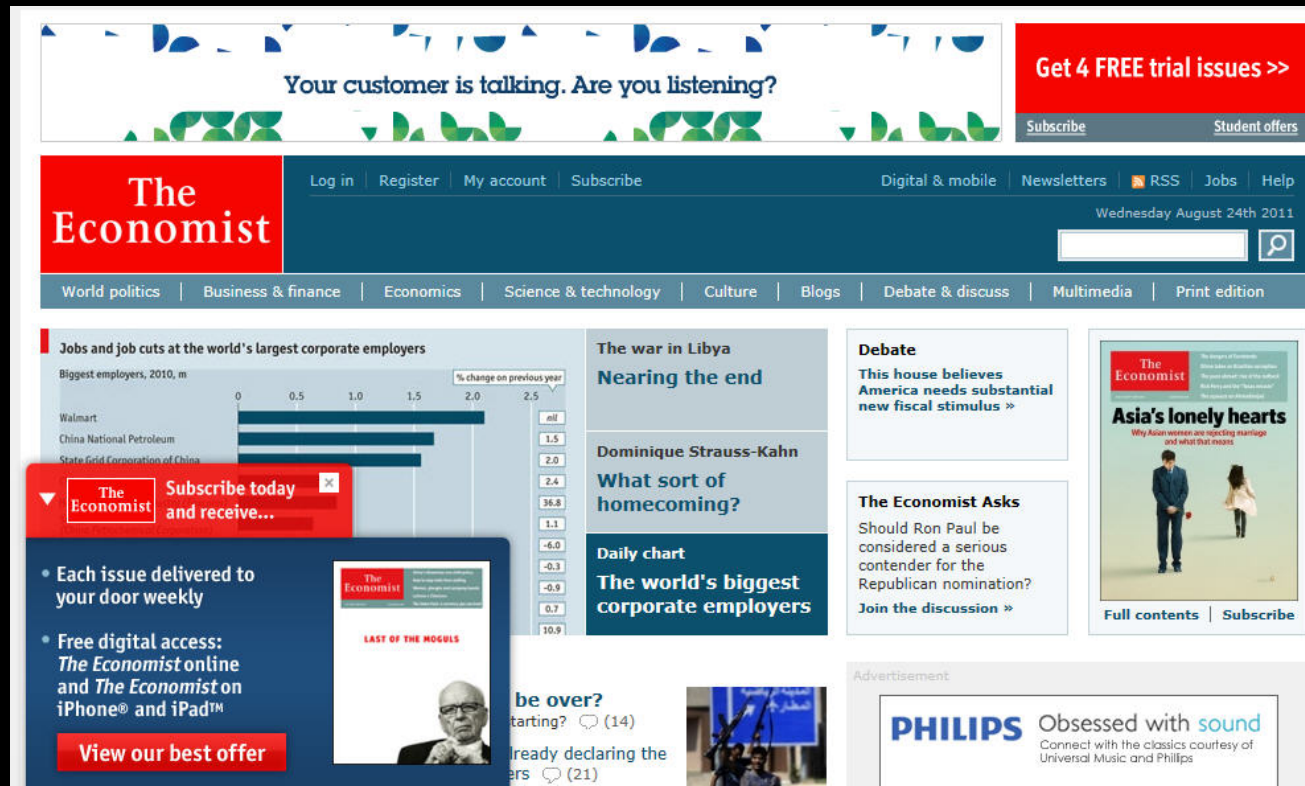
DRUPAL POWERS 20% OF TOP 10,000

CMS Distribution in Top 10,000 Sites



trends.builtwith.com/cms

WHO, WHAT & WHERE IS DRUPAL?



The screenshot shows the homepage of The Economist website. At the top, there is a banner with the text "Your customer is talking. Are you listening?" and a red button that says "Get 4 FREE trial issues >>". Below this is a navigation bar with the "The Economist" logo, a search bar, and various utility links like "Log in", "Register", "My account", "Subscribe", "Digital & mobile", "Newsletters", "RSS", "Jobs", and "Help". The date "Wednesday August 24th 2011" is also visible. A secondary navigation bar lists categories: "World politics", "Business & finance", "Economics", "Science & technology", "Culture", "Blogs", "Debate & discuss", "Multimedia", and "Print edition".

The main content area features several articles and sections:

- Jobs and job cuts at the world's largest corporate employers:** A bar chart showing the percentage change on previous year for various companies. Walmart is at the top with a 2.4% increase. Other companies listed include China National Petroleum and State Grid Corporation of China.
- The war in Libya: Nearing the end:** An article by Dominique Strauss-Kahn.
- Debate:** "This house believes America needs substantial new fiscal stimulus >>".
- The Economist Asks:** "Should Ron Paul be considered a serious contender for the Republican nomination? Join the discussion >>".
- Asia's lonely hearts:** "Why Asian women are rejecting marriage and what that means".
- Daily chart:** "The world's biggest corporate employers".

There are also several promotional boxes and advertisements:

- A red box: "Subscribe today and receive...".
- A blue box: "Each issue delivered to your door weekly" and "Free digital access: The Economist online and The Economist on iPhone® and iPad™".
- A small image of a book cover: "LAST OF THE MOGULS".
- A comment section snippet: "be over? starting? (14)" and "ready declaring the ers (21)".
- An advertisement for PHILIPS: "Obsessed with sound. Connect with the classics courtesy of Universal Music and Philips".

The Economist

20-30 million page views per month and 3-4 million unique visitors per month

Over 3 million registered users

Posting rate exceeds a comment per minute


WHO, WHAT & WHERE IS DRUPAL?


CONNECT WITH FAST COMPANY:


FAST COMPANY aloft
A VISION OF W. HOTELS

TECHNOLOGY | DESIGN | ETHONOMICS | LEADERSHIP | MAGAZINE | NEWSLETTERS | JOBS | SUBSCRIBE | Google Custom Search

aloft "Top 10 Trendiest Hotels in the U.S." by Trip Advisor [learn more](#) [click to expand +](#)



The Navy Likes Google+ Because Facebook Isn't Private Enough 

Aloft Hotels ranked among "Top 10 Trendiest Hotels in the U.S." by TripAdvisor® 

Ticketmaster Teams With Facebook So You Can Sit Next To Your Friends

Fast Company

15 million unique visitors per month

WHO, WHAT & WHERE IS DRUPAL?

The screenshot shows the Symantec Connect website. At the top left is the Symantec logo and the word "Connect". To the right is a search bar with the text "Enter keywords to search..." and a "Search" button. Below the search bar is a navigation bar with "COMMUNITY: All Communities" and "Overview". Further down are links for "Login or Register to participate", "English", "Share", and "Screencast Help". The main content area features a large banner with a man sitting on the floor with a laptop. The banner text reads: "Welcome to Symantec Connect. Solve problems, Share knowledge, Earn rewards." Below this is a large number "761107" and the text "Items submitted from 240,071 community members." There are also "Create Account" and "Login" buttons. To the right of the banner are three columns with arrows pointing left, labeled "Find COMMUNITY", "Share KNOWLEDGE", and "Earn REWARDS". Below the banner is a section for "Explore: Backup and Archiving Community" with a "Stats" button. There are two main content blocks: one for "WIN VIP Tickets to Linkin Park and Apple TVs" by user "KateL" (marked as a Symantec employee) and another for "Connect Activity" showing a discussion comment by "Kimenglt" about an archived email attachment infected by a virus. The comment includes a small error message: "Much thx for your help, but this time show another error. Msg 8169 Level 16 State 2 Line 1 Conversion failed when".

Symantec Connect

3,000,000+ unique page views each month

More than 206,000+ registered users

Content base with 600,000+ combined nodes and comment

WHO, WHAT & WHERE IS DRUPAL?



WhiteHouse.org

Other Government Sites

Dept. of Commerce, World Economic forum, US House of Representatives

WHO, WHAT & WHERE IS DRUPAL?



Federal IT Dashboard

Federal government technology investment information - \$75 billion budget

Contributed back to the Drupal open source organization - <http://drupal.org/node/1100308>

WHO, WHAT & WHERE IS DRUPAL?

HOME | COMIC-CON | WONDERCON ANAHEIM | APE | TOUCAN BLOG | CLICK HERE TO SIGN UP FOR OR LOG IN TO MEMBER ID

AWARDS | ABOUT | FORMS | RSS | STORE | Search [Go]

SAN DIEGO COMIC-CON INTERNATIONAL

COMIC-CON[®] INTERNATIONAL: SAN DIEGO

The Official Website of COMIC-CON INTERNATIONAL, WONDERCON and APE, the ALTERNATIVE PRESS EXPO.

WONDERCON ANAHEIM

WonderCon Anaheim Adds More Guests
Five more great special guests added to the line-up!

KINDT | LAYMAN | PARKER | BELL & VALLEJO

Read more...

MISSION STATEMENT
Comic-Con International, San Diego is a nonprofit educational corporation dedicated to creating awareness of, and appreciation for, comics and related popular artforms, primarily through the presentation of conventions and events that celebrate the historic and ongoing contribution of comics to art and culture.

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RSS | Twitter | Facebook | YouTube



making waves with drupal
www.sagetree.net

THE CMS LANDSCAPE

- **Drupal** – “Enterprise Class”
but not for the faint of heart!
- **Joomla** – Chaotic code base,
big in government
- **WordPress** – Blogging, smaller sites,
easier to get up and running, but doesn't
scale nor have the enterprise
development tools
- **SharePoint** – Corporate intranets

SITE BUILD IN 7 EASY STEPS

Step 1 – Install Drupal, Modules and Libs

Step 2 – Content types, Fields and Taxonomy

Step 3 – User, Roles and Permissions

Step 4 – Themes, Blocks, Regions and Menus

Step 5 – Views

**Step 6 – Other stuff: Image Styles, Pathauto,
Webforms and CAPTCHA**

Step 7 - Themes

STEP 1 – GET DRUPAL RUNNING

Setup a development environment

Create an empty mySQL database

Download Drupal core, modules and themes

Download javascript libraries

Load files into your development environment

Run Drupal installation script

Setup WYSISYG editor

LAMP/WAMP/MAMP ARCHITECTURE

L – Linux

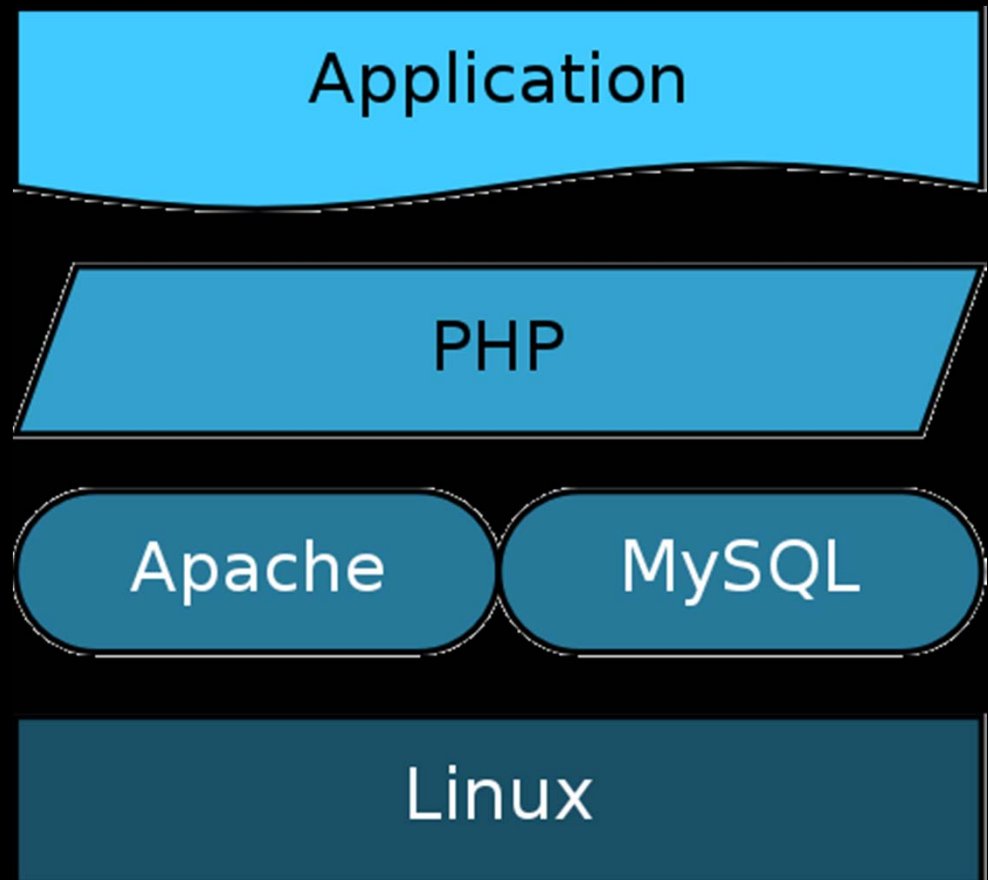
W – Windows

M – Mac OS

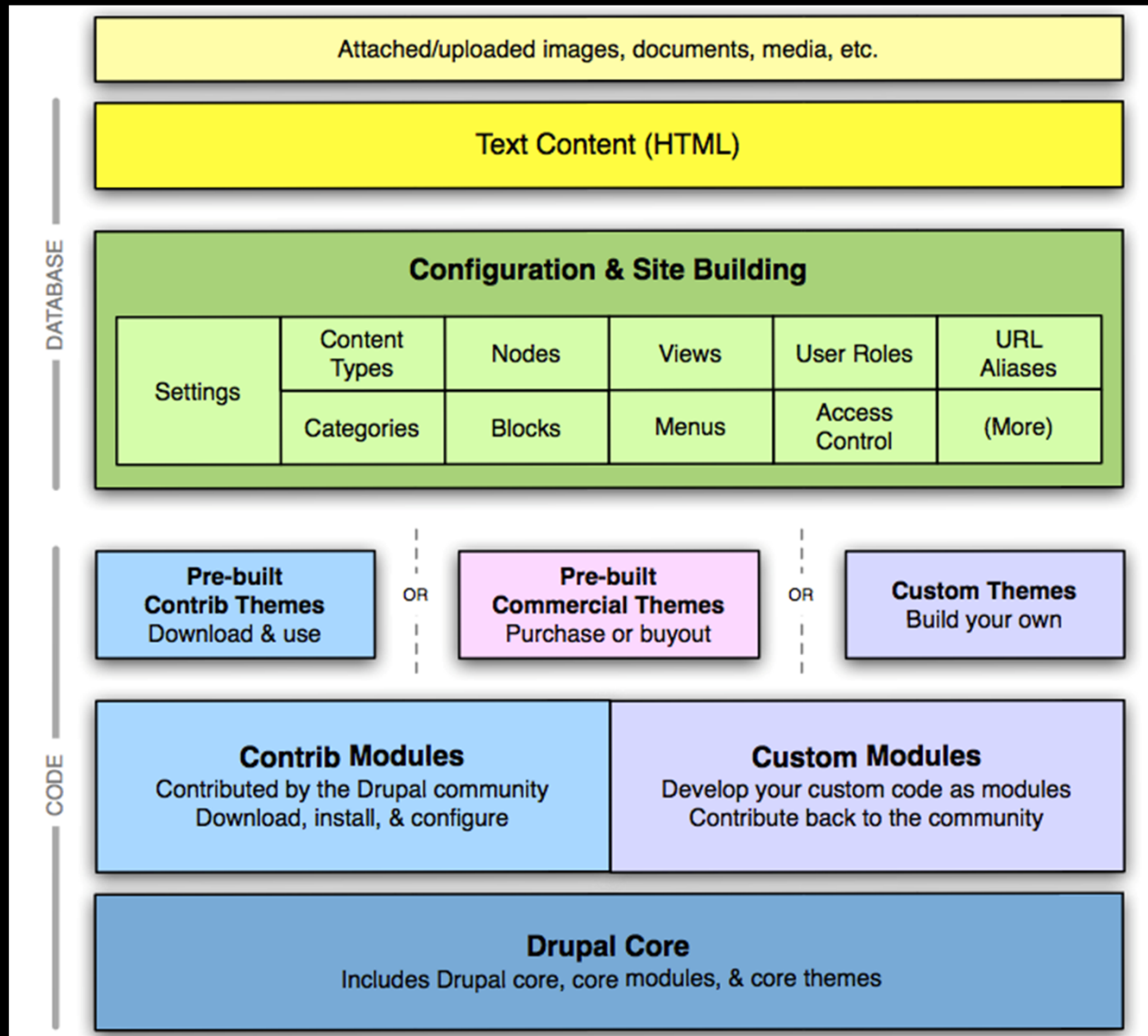
A – Apache

M – MySQL

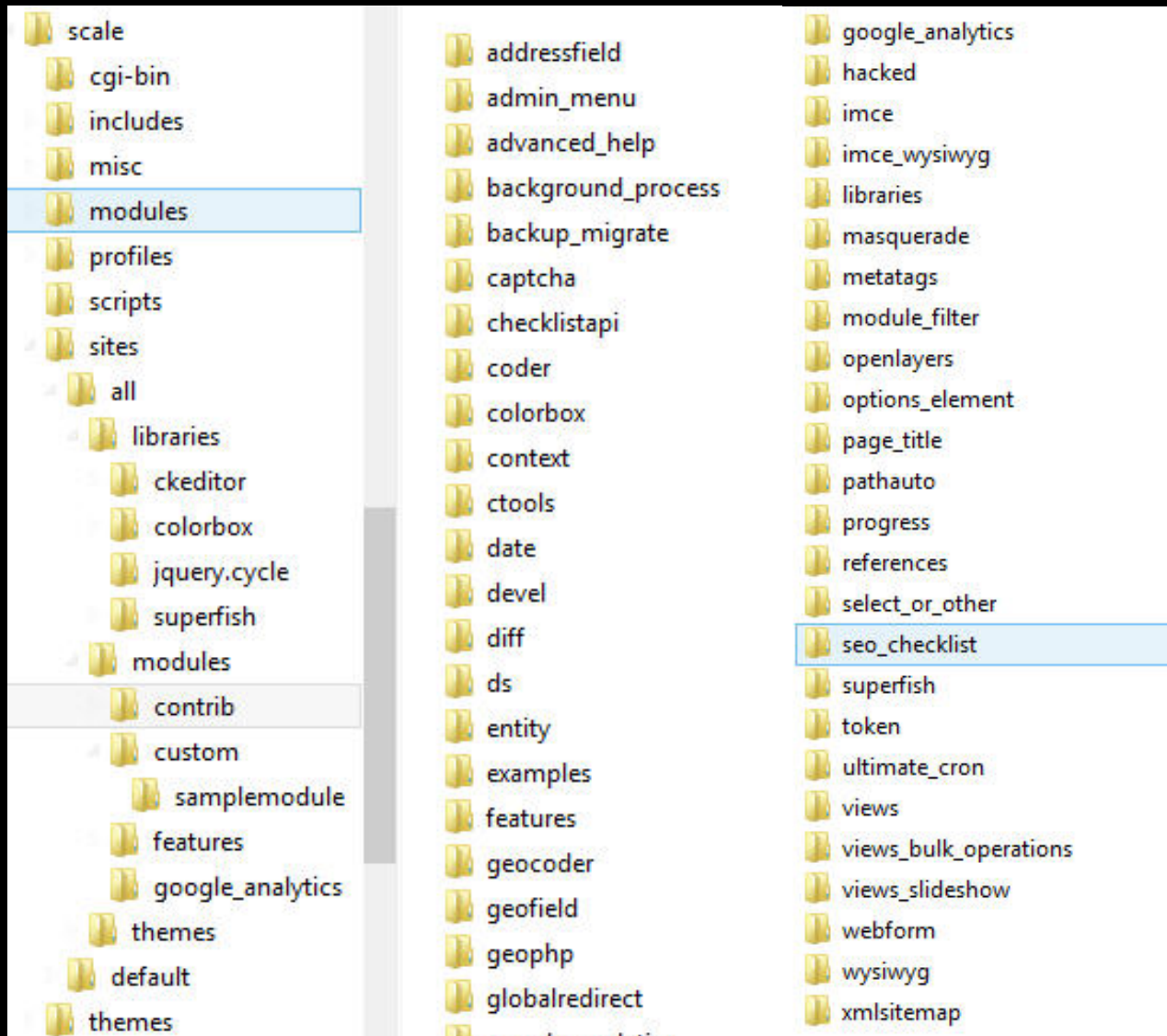
P – PHP



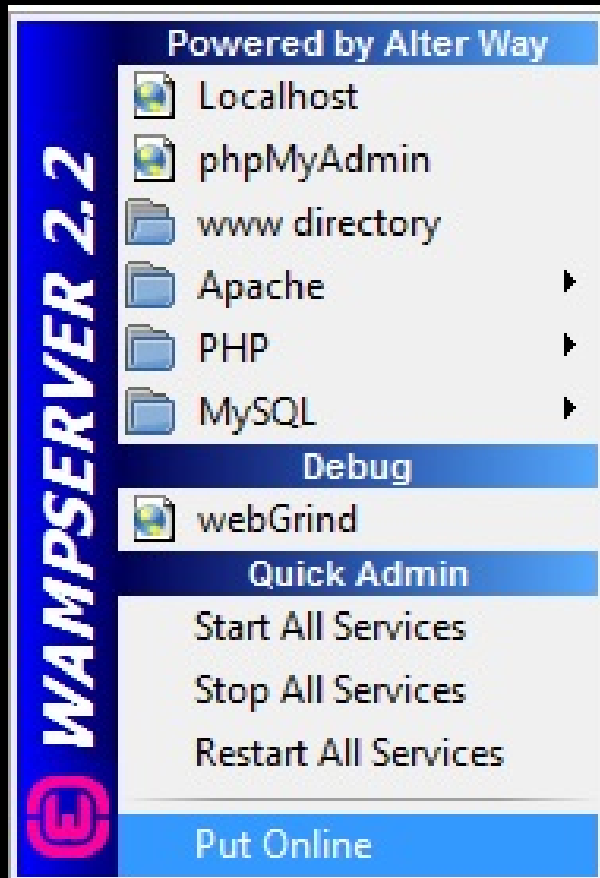
ARCHITECTURE – DON'T HACK CORE!



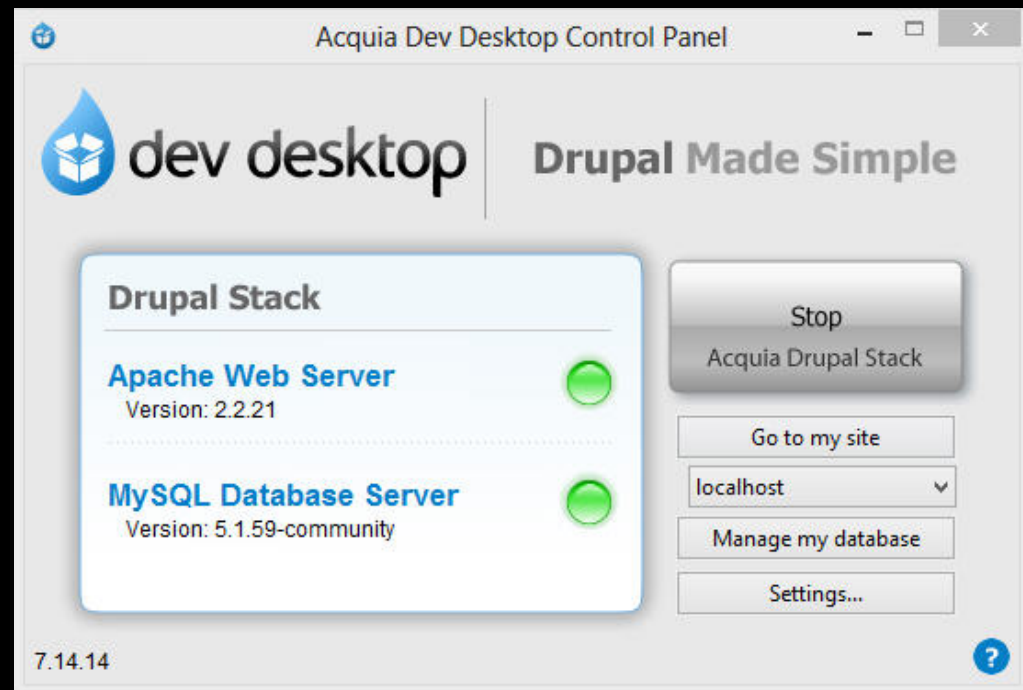
ARCHITECTURE – DON'T HACK CORE!



LOCAL DEVELOPMENT ENVIRONMENT



WAMP Server



Acquia Dev Desktop

DRUPAL MODULES

LIST UPDATE UNINSTALL

Download additional [contributed modules](#) to extend Drupal's functionality.

Regularly review and install [available updates](#) to maintain a secure and current site. Always run the [update script](#) each time a module is updated.

[+ Install new module](#)

All 96 of 180		Filter list							
Administration	<input checked="" type="checkbox"/>	Enabled	<input checked="" type="checkbox"/>	Disabled	<input checked="" type="checkbox"/>	Required	<input checked="" type="checkbox"/>	Unavailable	
ENABLED	NAME	VERSION	DESCRIPTION	OPERATIONS					
<input type="checkbox"/>	Action example	7.x-1.x-dev	Demonstrates providing actions that can be associated to triggers. (Code review) <small>Requires: Trigger (disabled)</small>						
<input type="checkbox"/>	Actions permissions (VBO)	7.x-3.1	Provides permission-based access control for actions. Used by Views Bulk Operations. (Code review)						
<input checked="" type="checkbox"/>	Address Field	7.x-1.0-beta3	Manage a flexible address field, implementing the xNAL standard. (Code review) <small>Requires: Chaos tools (enabled) Required by: Drupal (Field type(s) in use - see Field list)</small>						
<input type="checkbox"/>	Administration Development tools	7.x-3.0-rc4	Administration and debugging functionality for developers and site builders. (Code review)						
<input checked="" type="checkbox"/>	Administration menu	7.x-3.0-rc4	Provides a dropdown menu to most administrative tasks and other common destinations (to users with the proper permissions). (Code review) <small>Requires: System (enabled) Required by: Administration menu Toolbar style (disabled)</small>	Help Permissions Configure					
<input type="checkbox"/>	Administration menu Toolbar style	7.x-3.0-rc4	A better Toolbar. (Code review) <small>Requires: Administration menu (enabled), System (enabled)</small>						
<input checked="" type="checkbox"/>	Advanced help	7.x-1.0	Allow advanced help and documentation. (Code review) <small>Required by: Chaos Tools (CTools) Plugin Example (disabled), Advanced help example (disabled)</small>	Help Permissions					
<input type="checkbox"/>	Advanced help example	7.x-1.0	A example help module to demonstrate the advanced help module. (Code review) <small>Requires: Advanced help (enabled)</small>						
<input type="checkbox"/>	Aggregator	7.20	Aggregates syndicated content (RSS, RDF, and Atom feeds). (Code review)						

STEP 2 – CONTENT TYPES, FIELDS AND TAXONOMY

[Home](#) » [Administration](#) » [Structure](#) » [Content types](#) » [Tour](#)

Tour 

EDIT

MANAGE FIELDS

MANAGE DISPLAY

[Show row weights](#)

LABEL	MACHINE NAME	FIELD TYPE	WIDGET	OPERATIONS
+ Title	title	Node module element		
+ Photo	field_photo	Image	Image	edit delete
+ Type	field_type	Term reference	Select list	edit delete
+ Date	field_date	Date	Pop-up calendar	edit delete
+ Guide	field_guide	User reference	Select list	edit delete
+ Description	body	Long text and summary	Text area with a summary	edit delete
+ Address	field_address	Postal address	Dynamic address form	edit delete
+ Meta tags	metatags	Meta tag module form elements.		
+ URL path settings	path	Path module form elements		
+ XML sitemap	xmlsitemap	XML sitemap module element		
+ Geofield	field_geofield	Geofield	Geocode from another field	edit delete
+ Add new field				
<input type="text"/>		<input type="text" value="- Select a field type -"/>	<input type="text" value="- Select a widget -"/>	
Label		Type of data to store.	Form element to edit the data.	

STEP 2 – CONTENT TYPES, FIELDS AND TAXONOMY

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

Tour Type 

LIST

EDIT

MANAGE FIELDS

MANAGE DISPLAY

You can reorganize the terms in *Tour Type* using their drag-and-drop handles, and group terms under a parent term by sliding them under and to the right of the parent.


[+ Add term](#)

[Show row weights](#)

NAME	OPERATIONS
+ Backcountry Skiing	edit
+ Backpacking	edit
+ Hang Gliding	edit
+ Horseback	edit
+ Motocross	edit
+ Mountain Biking	edit
+ Scuba	edit
+ Skydive	edit
+ Surfing	edit
+ White Water Rafting	edit
+ Zip-line	edit

STEP 3 – USERS, ROLES, AND PERMISSIONS

Home » Administration » People

People 

LIST

PERMISSIONS

Permissions

Roles

Permissions let you control what users can do and see on your site. You can define a specific set of permissions for each role. (See the [Roles](#) page to create a role). Two important roles to consider are Authenticated Users and Administrators. Any permissions granted to the Authenticated Users role will be given to any user who can log into your site. You can make any role the Administrator role for the site, meaning this will be granted all new permissions automatically. You can do this on the [User Settings](#) page. You should be careful to ensure that only trusted users are given this access and level of control of your site.

[Hide descriptions](#)

PERMISSION	ANONYMOUS USER	AUTHENTICATED USER	ADMINISTRATOR	GUIDE
Administration menu				
Access administration menu <small>Display the administration menu at the top of each page.</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Flush caches <small>Access links to flush caches in the administration menu.</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Display Drupal links <small>Provide Drupal.org links in the administration menu.</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Advanced help				
View help topics	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
View help popups	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
View help index	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Background Process				
Administer background processes <small>Perform administration tasks for background processes.</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Backup and Migrate				
Access Backup and Migrate <small>Access the Backup and Migrate admin section.</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

STEP 4 – THEMES, BLOCKS, REGIONS AND MENUS

[Home](#) » [Administration](#)

[Appearance](#) +

Set and configure the default theme for your website. Alternative [themes](#) are available.

[+ Install new theme](#)

ENABLED THEMES



Corolla 7.x-3.0-rc1 (default theme)

Corolla is a subtheme of [Adaptivetheme 7.x-3.x](#). To use this theme you must first download and install the 7.x-3.x version of Adaptivetheme. Corolla is colorable and has many theme settings for layout, fonts, headings and much more. Corolla also supports layouts for mobile devices such as tablets and smartphones.

[Settings](#)



AT Core 7.x-3.1

AT Core is the framework that drives the responsive layout system and provides an extensive set of tools for theme development. You do not need to enable this theme. Use the provided AT Subtheme to get started.

[Settings](#) | [Disable](#) | [Set default](#)

STEP 4 – THEMES, BLOCKS, REGIONS AND MENUS

[Home](#) » [Administration](#) » [Appearance](#) » [Settings](#)

Appearance ⊕

LIST

UPDATE

SETTINGS

Global settings

AT Core

Bartik

Corolla

Drupal Ace

Seven

These options control the display settings for the *Corolla* theme. When your site is displayed using this theme, these settings will be used.

Layout & General Settings ?



Standard Layout

Tablet Layout

Smartphone Layout

Panels & Gpanels

CSS

Polyfills

Metatags

Debuggers

Extensions

Standard Layout

The standard layout is for desktops, laptops and other large screen devices.

Choose sidebar positions



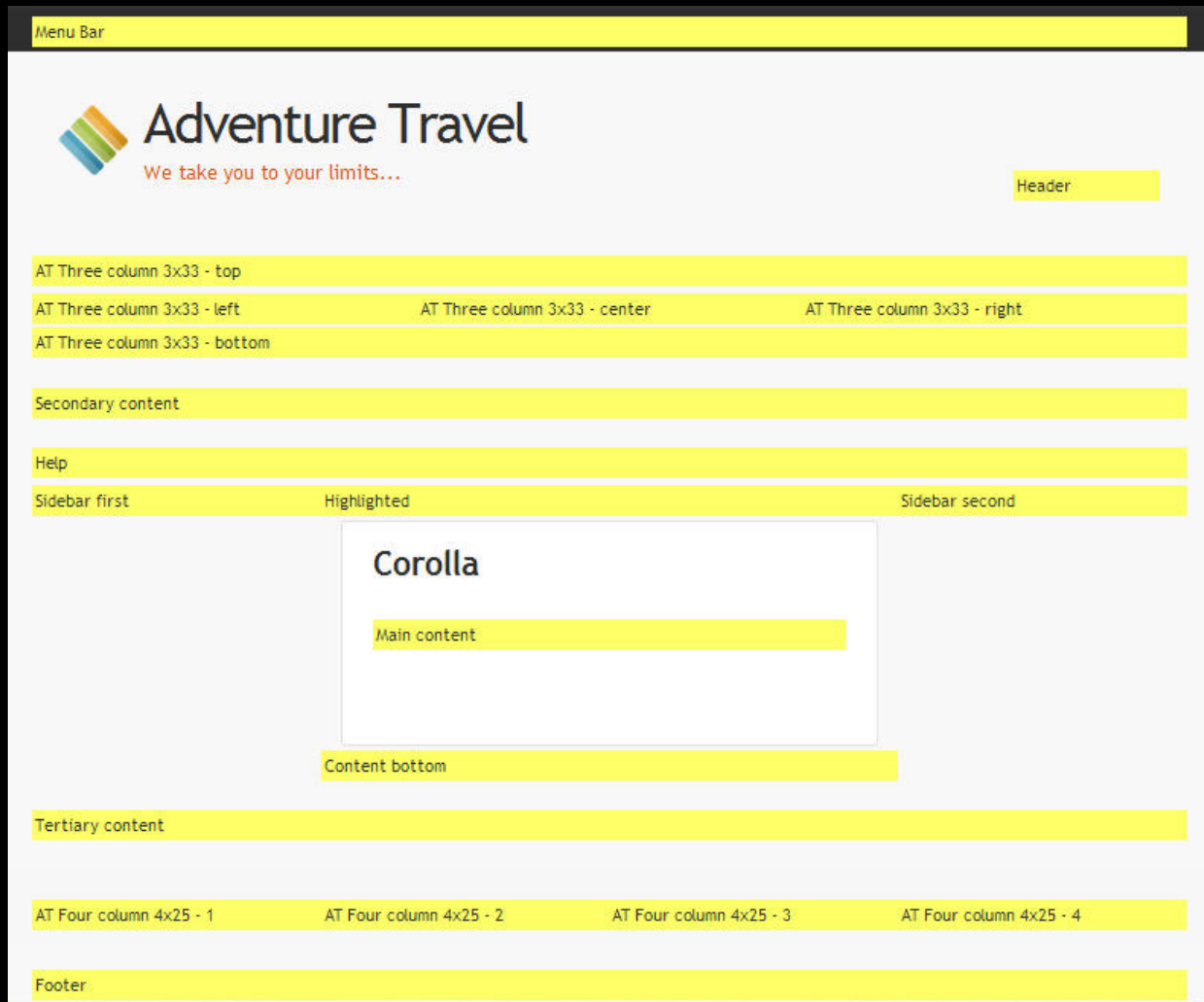
Set the width of each sidebar

Unit First sidebar * Second sidebar *

Set the page width

Unit Page width *

STEP 4 – THEMES, BLOCKS, REGIONS AND MENUS



STEP 4 – THEMES, BLOCKS, REGIONS AND MENUS

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

Blocks 

COROLLA

AT CORE

BARTIK

DRUPAL ACE

SEVEN

This page provides a drag-and-drop interface for assigning a block to a region, and for controlling the order of blocks within regions. Since not all themes implement the same regions, or display regions in the same way, blocks are positioned on a per-theme basis. Remember that your changes will not be saved until you click the *Save blocks* button at the bottom of the page. Click the *configure* link next to each block to configure its specific title and visibility settings.

[Demonstrate block regions \(Corolla\)](#)


[+ Add block](#)

[Show row weights](#)

BLOCK	REGION	OPERATIONS
Sidebar first		
<i>No blocks in this region</i>		
Sidebar second		
+ View: Tours	Sidebar second <input type="text" value="Sidebar second"/>	configure
Header		
<i>No blocks in this region</i>		
Menu Bar		
+ Superfish 1 (Superfish)	Menu Bar <input type="text" value="Menu Bar"/>	configure
Help		
+ System help	Help <input type="text" value="Help"/>	configure
Highlighted		
<i>No blocks in this region</i>		
Main content		
+ View: Home Page Slideshow: Home Page Slideshow	Main content <input type="text" value="Main content"/>	configure
+ Main page content	Main content <input type="text" value="Main content"/>	configure

STEP 4 – THEMES, BLOCKS, REGIONS AND MENUS

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

Menus 

LIST MENUS


SETTINGS

Each menu has a corresponding block that is managed on the [Blocks administration page](#).

[+ Add menu](#)

TITLE	OPERATIONS
Development Development link	list links edit menu add link
Features Menu items for any enabled features.	list links edit menu add link
Main menu The <i>Main</i> menu is used on many sites to show the major sections of the site, often in a top navigation bar.	list links edit menu add link
Management The <i>Management</i> menu contains links for administrative tasks.	list links edit menu add link
Navigation The <i>Navigation</i> menu contains links intended for site visitors. Links are added to the <i>Navigation</i> menu automatically by some modules.	list links edit menu add link
User menu The <i>User</i> menu contains links related to the user's account, as well as the 'Log out' link.	list links edit menu add link


STEP 5 – VIEWS



Adventure Travel
We take you to great finds...

[Home](#) [Tours](#) [Map](#) [Guides](#) [Blog](#) [About](#) [Feedback](#) [Contact Us](#)

Home




[Back Country Ski Tour](#)
[Previous](#) [Pause](#) [Next](#)

Whether you've stumbled across our website while looking for unforgettable holidays or you're a seasoned veteran of our incredible trips, welcome to the greatest adventures on Earth. dsdsgd


Your passion for adventure—exploring new places and experiencing new things—is the heart of our business, and we're thrilled at the prospect of showing you the world as you've never seen it.

For over 20 years, we've had our finger firmly on the pulse of adventure travel, and have worked hard to make it beat faster by offering the widest selection of affordable small-group tours, safaris and expeditions across the world.


Upcoming Tours



[Hang Glide Rio](#)



[Mountain Bike Sleekrock](#)



[Back Country Ski Tour](#)

Adventure Travel
800-123-4567
info@adventuretravel.com
752 Fifth Avenue, San Diego, CA 92101

STEP 5 – VIEWS

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

Home Page Slideshow (Content)

Modify the display(s) of your view below or add new displays.

Displays

Home Page Slideshow

[+ Add](#)

▼ Home Page Slideshow details

Display name: Home Page Slideshow

TITLE

Title: None

FORMAT

Format: Slideshow | [Settings](#)

Show: Fields | [Settings](#)

FIELDS [add](#) ▼

Content: Photo

Content: Title

FILTER CRITERIA [add](#) ▼

Content: Published (Yes)

Content: Type (= Tour)

SORT CRITERIA [add](#) ▼

Content: Date – start date (asc)

BLOCK SETTINGS

Block name: None

Access: [Permission](#) | [View published content](#)

HEADER [add](#)

FOOTER [add](#)

PAGER

Use pager: [Display all items](#) | [All items](#)

More link: No

STEP 5 – VIEWS

[Home](#) [Tours](#) [Guides](#) [Blog](#) [About](#) [Feedback](#) [Contact Us](#)




Adventure Travel


We take you to your limits...

Upcoming Tours

Date: Wednesday, August 29, 2012

Photo	Title	Date	Type	Guide
	Hang Glide Rio	Wednesday, August 29, 2012	Tour	drake

Date: Friday, August 31, 2012

Photo	Title	Date	Type	Guide
	Mountain Bike Slickrock	Friday, August 31, 2012	Tour	anne

Date: Saturday, September 15, 2012

Photo	Title	Date	Type	Guide
				

STEP 5 – VIEWS

Tours (Content) ⌵

Modify the display(s) of your view below or add new displays.

Displays

Page Block + Add

▼ Page details

Display name: Page

TITLE

Title: Upcoming Tours

FORMAT

Format: Table | Settings

ⓘ FIELDS add ▾

Content: Photo (Photo)

Content: Title (Title)

Content: Date (Date)

Content: Type (Type)

Content: Guide (Guide)

ⓘ FILTER CRITERIA add ▾

Content: Published (Yes)

Content: Type (= Tour)

ⓘ SORT CRITERIA add ▾

Content: Date – start date (asc)

PAGE SETTINGS

Path: /tours

Menu: Normal: Tours

Access: Permission | View published content

ⓘ HEADER add

ⓘ FOOTER add

PAGER

Use pager: Display all items | All items

More link: No

STEP 5 – VIEWS

Home

Guides

Blog

About

Feedback

Contact Us



Adventure Travel

We take you to your limits...

Tours



STEP 5 – VIEWS

Map (Content)

Modify the display(s) of your view below or add new displays.

Displays

OpenLayers Data Overlay

Page

+ Add

▼ OpenLayers Data Overlay details

Display name: OpenLayers Data Overlay

TITLE

Title: None

FORMAT

Format: OpenLayers Data Overlay | Settings

Show: [Fields](#) | [Settings](#)

FIELDS

add ▼

Content: Title

Content: Geofield (Geofield)

FILTER CRITERIA

add ▼

Content: Published (Yes)

Content: Type (= Tour)

SORT CRITERIA

add

Access: [Permission](#) | [View published content](#)

HEADER

add

FOOTER

add

PAGER

Use pager: [Full](#) | [Paged, 10 items](#)

STEP 6 – IMAGE STYLES, PATHAUTO, WEBFORMS AND CAPTCHA

[Home](#) » [Administration](#) » [Configuration](#) » [Media](#) » [Image styles](#)

Edit *tour* style

Preview

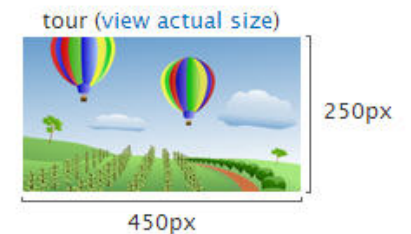
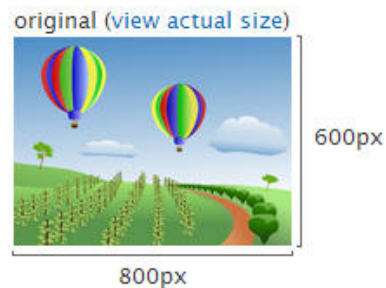


Image style name *

The name is used in URLs for generated images. Use only lowercase alphanumeric characters, underscores (_), and hyphens (-).

EFFECT	OPERATIONS
<input type="checkbox"/> Scale and crop 450x250	edit
<input type="checkbox"/> <input type="text" value="Select a new effect"/> <input type="button" value="Add"/>	

STEP 6 – IMAGE STYLES, PATHAUTO, WEBFORMS AND CAPTCHA

Home » Administration » Configuration » Search and metadata » URL aliases

URL aliases

LIST

PATTERNS

SETTINGS

BULK UPDATE

DELETE ALIASES

▼ CONTENT PATHS

Default path pattern (applies to all content types with blank patterns below)

Pattern for all Basic page paths

Pattern for all Blog entry paths

Pattern for all Tour paths

Pattern for all Webform paths

Pattern for all files paths

▼ REPLACEMENT PATTERNS

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

NAME	TOKEN	DESCRIPTION
Current date	[node:current-date]	Tokens related to the current date and time.
Current page	[node:current-page]	Tokens related to the current page request.
Current user	[node:current-user]	Tokens related to the currently logged in user.
Nodes	[node:nodes]	Tokens related to individual content items, or "nodes".
Address	[node:field_address]	Postal address field.
Author	[node:author]	The author of the node.
Body	[node:body]	The main body text of the node.
Content ID	[node:nid]	The unique ID of the content item, or "node".
Content type	[node:content-type]	The content type of the node.
Date	[node:field_date]	Date field.

STEP 6 – IMAGE STYLES, PATHAUTO, WEBFORMS AND CAPTCHA

Home » Feedback

Feedback +

VIEW

EDIT

WEBFORM

RESULTS

DEVEL

Form components

E-mails

Form settings

[Show row weights](#)

LABEL	TYPE	VALUE	MANDATORY	OPERATIONS
+ Your Name	Textfield	-	<input type="checkbox"/>	Edit Clone Delete
+ Your Email Address	E-mail	-	<input type="checkbox"/>	Edit Clone Delete
+ May We Contact You?	Select options	N	<input type="checkbox"/>	Edit Clone Delete
+ Your Feedback	Textarea	-	<input checked="" type="checkbox"/>	Edit Clone Delete
+ <input type="text" value="New component name"/>	<input type="text" value="Textfield"/> <input type="button" value="v"/>		<input type="checkbox"/>	<input type="button" value="Add"/>

▶ CAPTCHA: NO CHALLENGE ENABLED

STEP 6 – IMAGE STYLES, PATHAUTO, WEBFORMS AND CAPTCHA

Home » Administration » Configuration » People

CAPTCHA ◊

CAPTCHA

IMAGE CAPTCHA

General settings

Examples

A CAPTCHA can be added to virtually each Drupal form. Some default forms are already provided in the form list, but arbitrary forms can be easily added and managed when the option "Add CAPTCHA administration links to forms" is enabled.

Users with the "skip CAPTCHA" permission won't be offered a challenge. Be sure to grant this permission to the trusted users (e.g. site administrators). If you want to test a protected form, be sure to do it as a user without the "skip CAPTCHA" permission (e.g. as anonymous user).

FORM PROTECTION

Select the challenge type you want for each of the listed forms (identified by their so called *form_ids*). You can easily add arbitrary forms with textfield at the bottom of the table or with the help of the 'Add CAPTCHA administration links to forms' option below.

Default challenge type

Image (from module image_captcha)

Select the default challenge type for CAPTCHAs. This can be overridden for each form if desired.

FORM_ID	CHALLENGE TYPE	OPERATIONS
comment_node_blog_form	[none] <input type="text"/>	delete
comment_node_page_form	[none] <input type="text"/>	delete
comment_node_tour_form	[none] <input type="text"/>	delete
comment_node_webform_form	[none] <input type="text"/>	delete
contact_personal_form	[none] <input type="text"/>	delete
contact_site_form	[default challenge type] <input type="text"/>	delete
forum_node_form	[none] <input type="text"/>	delete
user_login	[none] <input type="text"/>	delete
user_login_block	[none] <input type="text"/>	delete

STEP 7 – PICK A THEME

Contributed Themes

Starter Themes

Themes from scratch

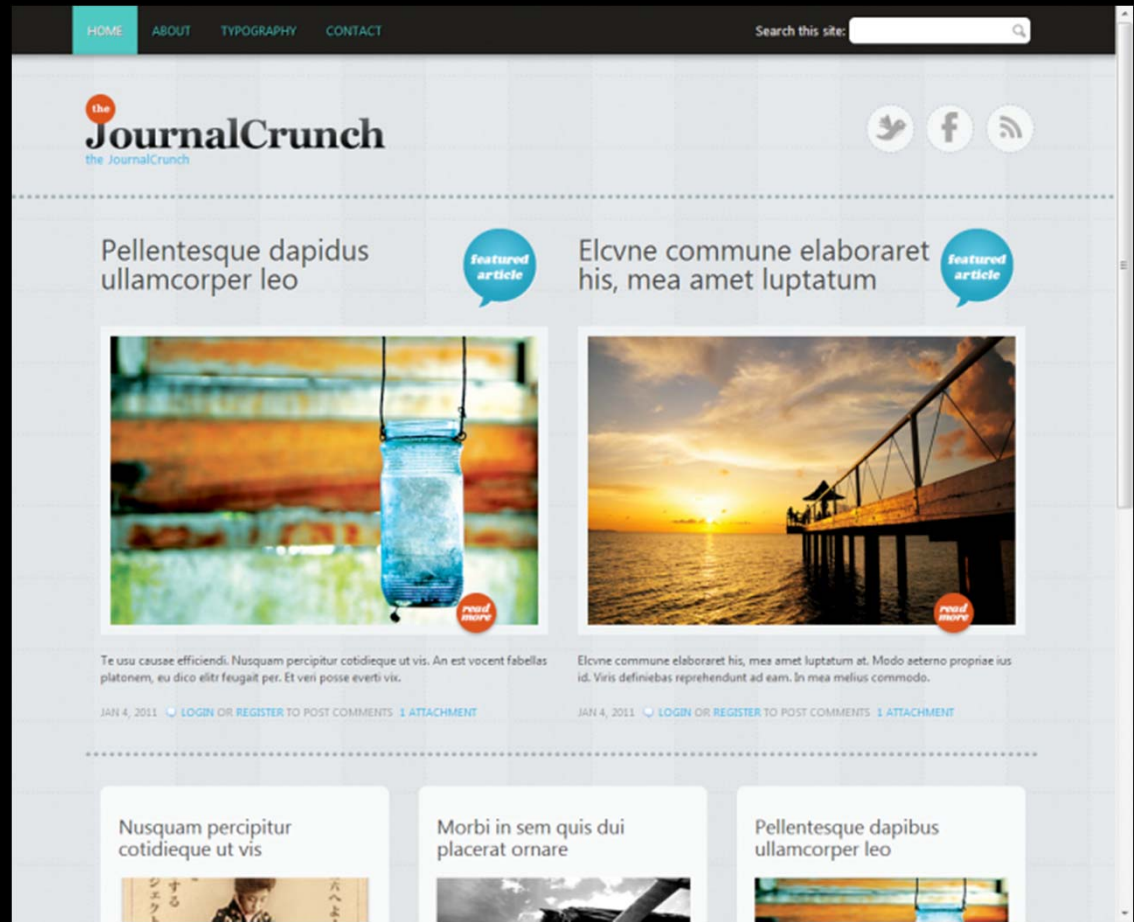
PHPTemplate Engine

Templates files and template suggestions

Template.php

STEP 7 – PICK A THEME

SOME THEMES ARE COMPLETE



STEP 7 – PICK A THEME

SOME THEMES ARE STARTING POINTS



fusion

Powering the most beautiful, advanced Drupal themes

TOP NOTCH THEMES



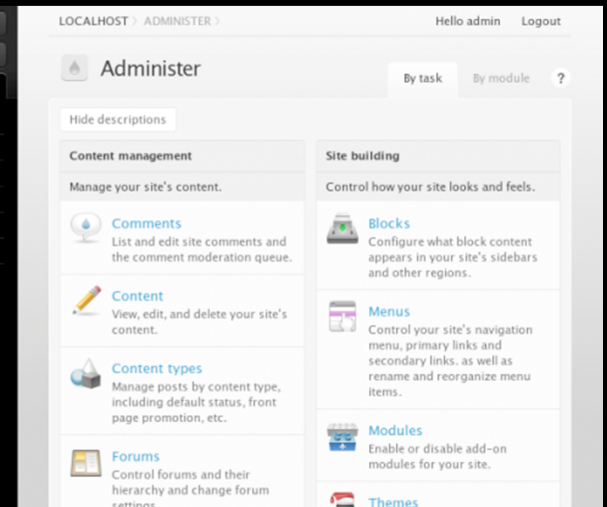
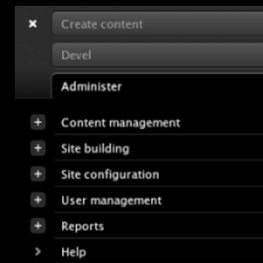
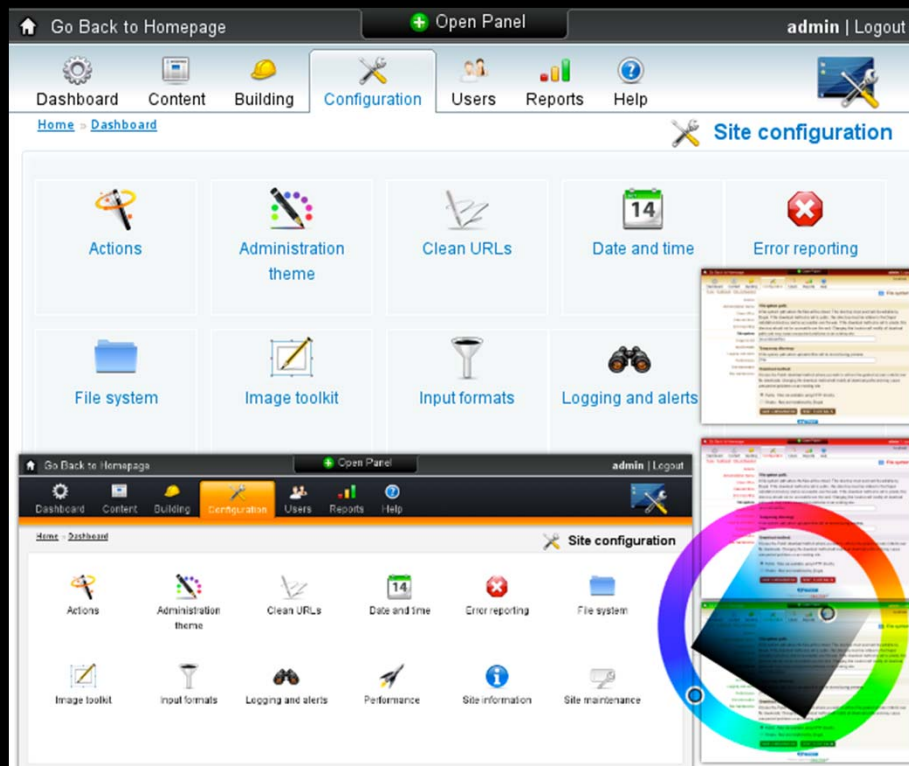
禪 zen

extend and design




















STEP 7 – PICK A THEME

SOME ARE ADMINISTRATION THEMES



STEP 7 – PICK A THEME

CSS
Images
Javascript
Templates

Name	Date modified	Type
 color	7/18/2011 3:45 PM	File folder
 images	7/18/2011 3:45 PM	File folder
 minnelli	7/18/2011 3:45 PM	File folder
 fix-ie.css	5/25/2011 1:43 PM	Cascading Style S...
 fix-ie-rtl.css	5/25/2011 1:43 PM	Cascading Style S...
 print.css	5/25/2011 1:43 PM	Cascading Style S...
 style.css	5/25/2011 1:43 PM	Cascading Style S...
 style-rtl.css	5/25/2011 1:43 PM	Cascading Style S...
 garland.info	5/25/2011 1:56 PM	INFO File
 block.tpl.php	5/25/2011 1:43 PM	PHP File
 comment.tpl.php	5/25/2011 1:43 PM	PHP File
 maintenance-page.tpl.php	5/25/2011 1:43 PM	PHP File
 node.tpl.php	5/25/2011 1:43 PM	PHP File
 page.tpl.php	5/25/2011 1:43 PM	PHP File
 template.php	5/25/2011 1:43 PM	PHP File
 logo.png	5/25/2011 1:43 PM	PNG File
 screenshot.png	5/25/2011 1:43 PM	PNG File

STEP 7 – PICK A THEME

THEME .INFO FILE

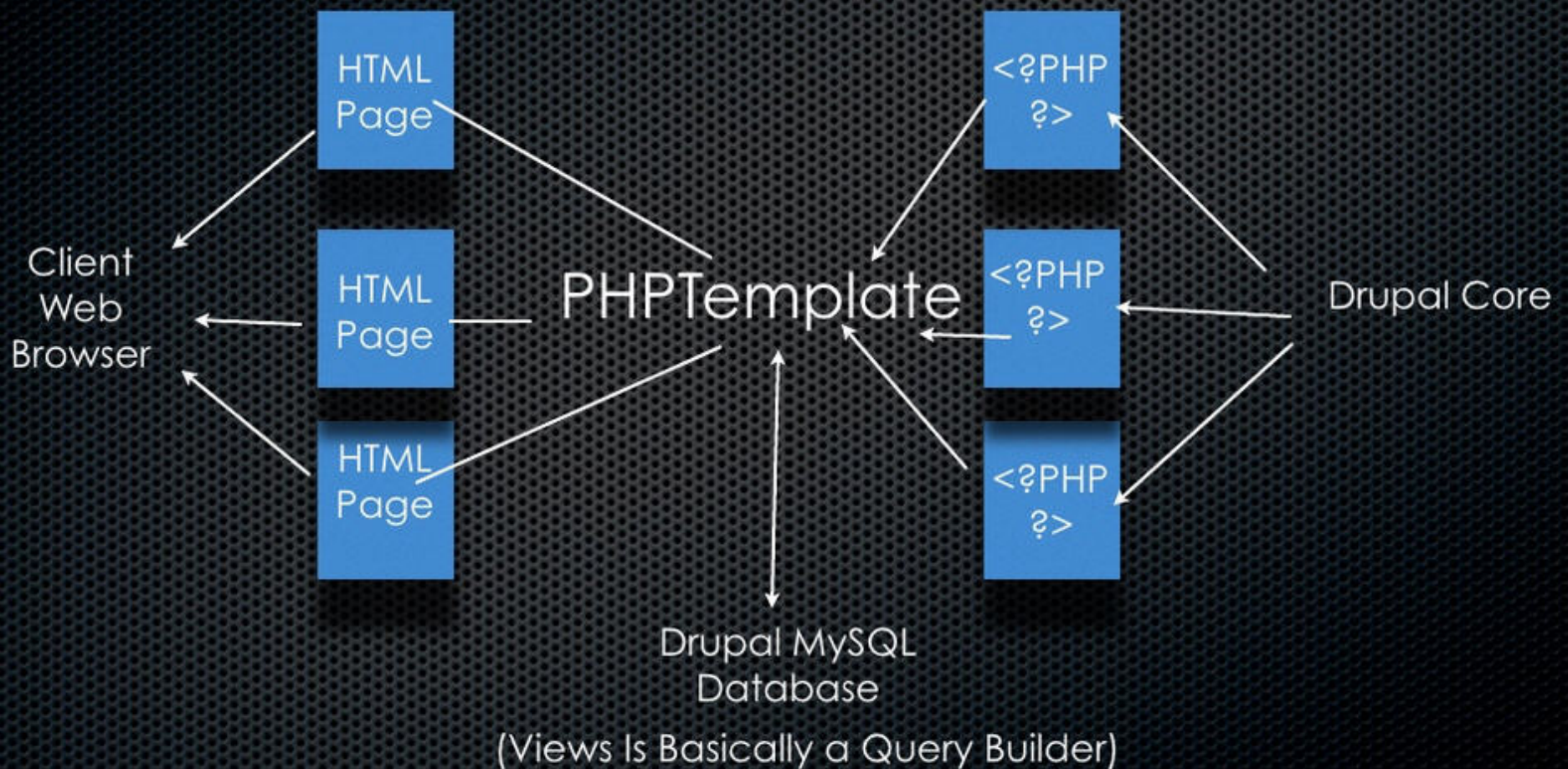
```
name = Drupal Ace
description = Bright nice theme with a lot of settings. Created by <a href = "http://drupalace.ru">Drupalace team</a>
core = 7.x

stylesheets[all][] = css/layout.css
stylesheets[all][] = css/style.css

regions[sidebar] = Sidebar
regions[header] = Header
regions[content_top] = Page top
regions[content_bottom] = Page bottom
regions[content] = Content
regions[node_top] = Node top
regions[node_bottom] = Node bottom
regions[footer_first] = Footer first column
regions[footer_second] = Footer second column
regions[footer_third] = Footer third column
regions[footer] = Footer

settings[drupalace_page_unit] = px
settings[drupalace_page_width] = 960
settings[drupalace_page_max_width] = 1400
settings[drupalace_page_min_width] = 960
settings[drupalace_sidebar_position] = right
settings[drupalace_sidebar_unit] = px
settings[drupalace_sidebar_width] = 250
settings[drupalace_social_text] = Share this node with friends
settings[drupalace_social_button_size] = 32
settings[drupalace_social_services] = facebook, twitter, vk, livejournal, formspring, google
settings[drupalace_popup_login] = 1
settings[drupalace_search_text] = Search text
settings[drupalace_search_button] = Search
settings[drupalace_search_width] = 275
```

PHP: Generates Dynamic Content



STEP 7 – PICK A THEME

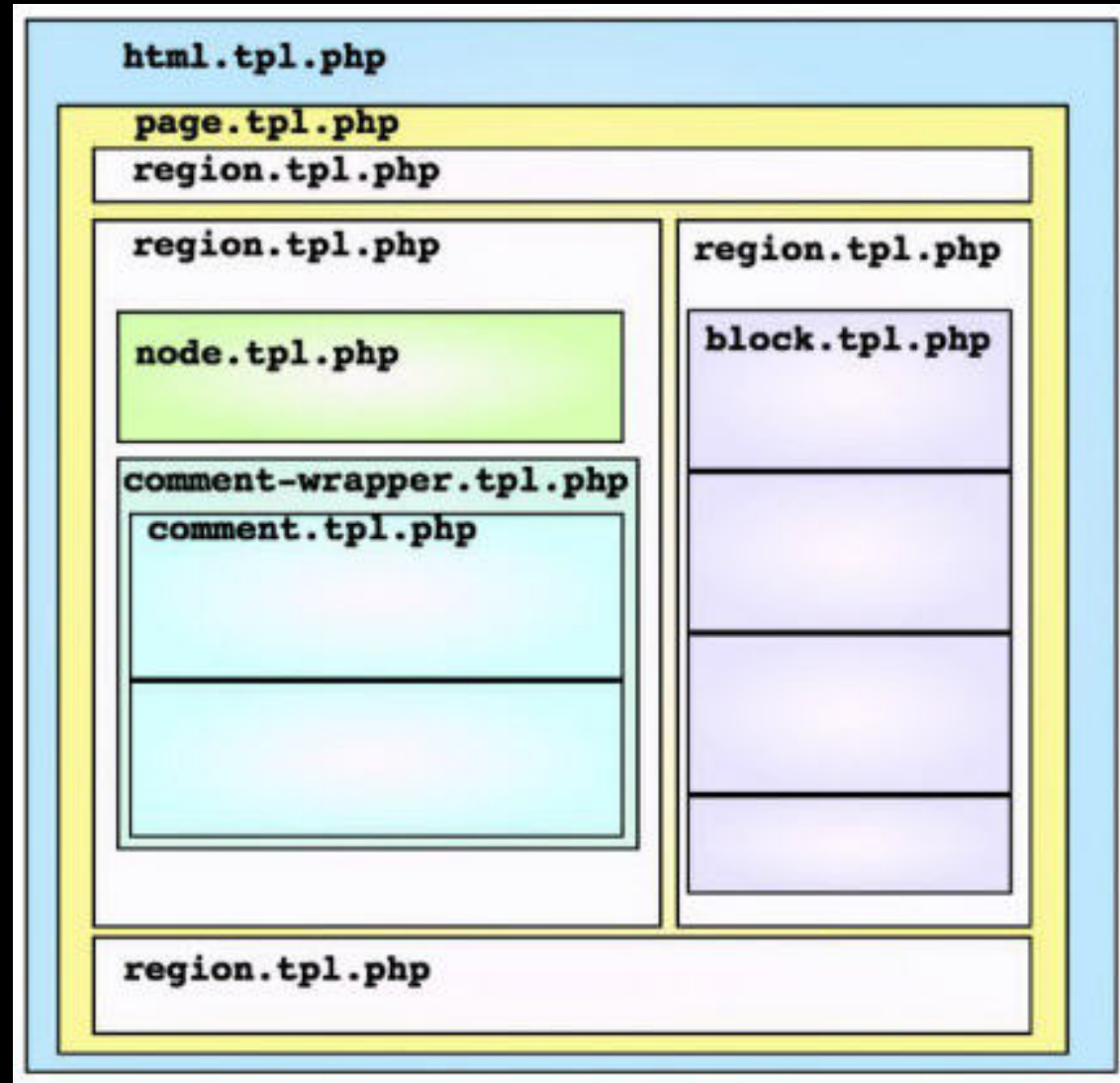
Page.tpl.php

Page.front.tpl.php

Node.tpl.php

Block.tpl.php

Comment.tpl.php



STEP 7 – PICK A THEME

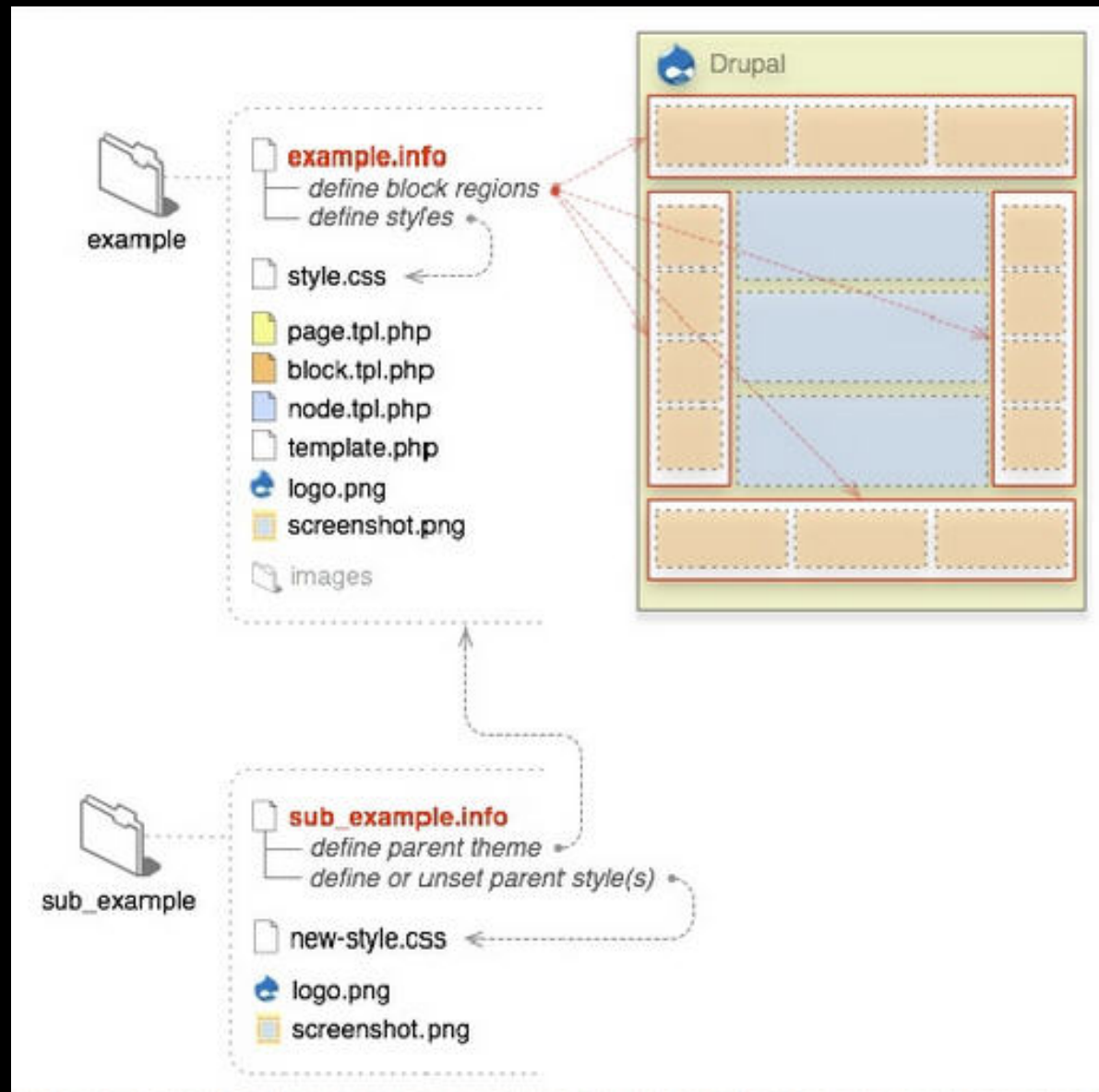
TEMPLATES = PHP + HTML

```
<div id="header-region" class="clear-block">  
  <?php print $header; ?>  
</div>
```

PHP Variables:

`$header`, `$content`, `$footer`...

STEP 7 – PICK A THEME



MODULE DEVELOPMENT

Drupal Hook System

.info file + .module file + .install file (optional)

DRUSH, DRUSH MAKE and GIT

EZRA GILDESGAME (ACQUIA) PRESENTATION

<http://chicago2011.drupal.org/sessions/introduction-module-development>

MODULE DEVELOPMENT

<http://api.drupal.org/api/drupal>

Drupal™ API

[API Homepage](#)

[Log in / Register](#)

Search for hook_block

[Search Drupal 4.6 for hook_block](#)

[Search Drupal 4.7 for hook_block](#)

[Search Drupal 5 for hook_block](#)

[Search Drupal 6 for hook_block](#)

[Search Drupal 8 for hook_block](#)

[Other projects](#)

Functions & methods

Name	Location	Description
hook_block_configure	modules/block/block.api.php	Define a configuration form for a block.
hook_block_info	modules/block/block.api.php	Define all blocks provided by the module.
hook_block_info_alter	modules/block/block.api.php	Change block definition before saving to the database.
hook_block_list_alter	modules/block/block.api.php	Act on blocks prior to rendering.
hook_block_save	modules/block/block.api.php	Save the configuration options from <code>hook_block_configure()</code> .

Search Drupal 7

Function, file, or topic *

Search

API Navigation

[Drupal 7](#)

[Constants](#)

[Classes](#)

[Files](#)

[Functions](#)

[Globals](#)

[Topics](#)

MODULE DEVELOPMENT

Hooks

drupal [4.6 module.inc](#) [4.7 module.inc](#) [5 module.inc](#) [6 module.inc](#) [7 module.inc](#) [8 module.inc](#)

Allow modules to interact with the Drupal core.

Drupal's module system is based on the concept of "hooks". A hook is a PHP function that is named `foo_bar()`, where "foo" is the name of the module (whose filename is thus `foo.module`) and "bar" is the name of the hook. Each hook has a defined set of parameters and a specified result type.

To extend Drupal, a module need simply implement a hook. When Drupal wishes to allow intervention from modules, it determines which modules implement a hook and calls that hook in all enabled modules that implement it.

The available hooks to implement are explained here in the Hooks section of the developer documentation. The string "hook" is used as a placeholder for the module name in the hook definitions. For example, if the module file is called `example.module`, then `hook_help()` as implemented by that module would be defined as `example_help()`.

The example functions included are not part of the Drupal core, they are just models that you can modify. Only the hooks implemented within modules are executed when running Drupal.

MODULE DEVELOPMENT

```
name = "Sample Block"  
description = "Example Block In Code"  
core = "7.x"  
package = "Custom Modules"
```

MODULE DEVELOPMENT

```
<?php
/**
 * Implementation of hook_block_info().
 */
function samplemodule_block_info() {
    $blocks['my-block-id'] = array(
        'info' => t('SAMPLE MODULE BLOCK'),
    );
    return $blocks;
}

/**
 * Implementation of hook_block_view().
 */
function samplemodule_block_view($delta='') {
    $block = array();
    switch ($delta) {
        case 'my-block-id':
            $block['subject'] = t('SAMPLE MODULE BLOCK NAME');
            $block['content'] = samplemodule_contents();
            break;
    }
    return $block;
}

/**
 * custom html block
 * @return string
 */
function samplemodule_contents() {
    return '
    </p><div class="body">
    Hello World, this is a example custom block!
    </div><p>
';
}
```


MODULE DEVELOPMENT

Features

[Home](#) » [Features](#)

Home Page Slide Show ↕

VIEW

RECREATE

Home Page Slide Show

DEPENDENCY	STATUS
Chaos tools	Enabled
Views	Enabled

CTOOLS EXPORT API	DEFAULT
views:views_default:3.0	
FEATURES_API	DEFAULT
api:1	
VIEWS	DEFAULT
home_page_slideshow	

MODULE DEVELOPMENT

Examples Module

d7.drupalexamples.info



d7.drupalexamples.info

Home

UPPERCASE THIS PLEASE

This block's title will be changed to uppercase. Any other block with 'uppercase' in the subject or title will also be altered. If you change this block's title through the UI to omit the word 'uppercase', it will still be altered to uppercase as the subject key has not been changed.

Navigation

- ▼ [AJAX Example](#)
 - [Simplest AJAX Example](#)
 - [Generate](#)

DrupalExamples.info: Examples from the Examples Project on Drupal.org

Submitted by rlay on Sat, 01/29/2011 - 19:43

These are live examples from the Drupal 6 Examples for Developers Project on drupal.org. Try them out! To try the Drupal 6 examples, go to [d6.drupalexamples.info](#).

To experiment with the code yourself, [download the module code](#) and play.

If you find problems or have suggestions and contributions, please create an issue in the [issue queue](#).

The code is also indexed by [api.drupal.org](#).

[Read more](#) [Log in to post comments](#)



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- **Nonprofits – CiviCRM, OpenAid, OpenOutreach...**

RESOURCES

- Drupalize.com
- BuildAModule.com
-



GLOSSARY

D.O – DRUPAL.ORG

**MODULES, LIBRARIES AND THEMES – CORE, CONTRIB, CUSTOM
D6 (CCK), D7 (ENTITIES AND FIELDS), D8**

NODES – TITLE (H1) AND BODY

COMMENTS – JUST WHAT YOU THINK THEY ARE!

TAXONOMY – CATEGORIZATION LISTS

CONTENT TYPES – CUSTOMIZE NODES WITH FIELDS

MEDIA IMAGE STYLES – IMAGE PRESETS

PAGES – JUST WHAT YOU THINK THEY ARE!

REGIONS – AREAS OF THE PAGE (DIV)

BLOCKS – OBJECTS THAT CAN BE PLACED IN REGIONS

MENUS – MAIN, MANAGEMENT, NAVIGATION, USER, CUSTOM

VIEWS – LISTS OF CONTENT

USERS, ROLES AND PERMISSIONS

GET INVOLVED

Create an account on [Drupal.org](https://drupal.org)

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THANKS!

ENJOY SCALE!

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