

# Achieving Leaner, More Agile Government

Going Digital with Drupal and Acquia



# Agenda

- Drupal + Acquia Overview
- Open Source Business Model
- Drupal in the Government
- Drupal In-Depth
  - Architecture
  - Features
  - Mobile
  - Scalability
  - Security and Compliance
- Acquia Network Demo
- Question and Answer

# Drupal Overview

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# Drupal is Changing the Web



Open source, social publishing phenomenon.

Market Size [ 2,000,000+ sites ]

Innovation [ 18,000+ modules ]

Community [ 1,000,000+ members ]

“... is as much a Social Software platform  
as it is a web content management system.”

Real Story Group, The Web CMS Report 2010

# Because Drupal is...

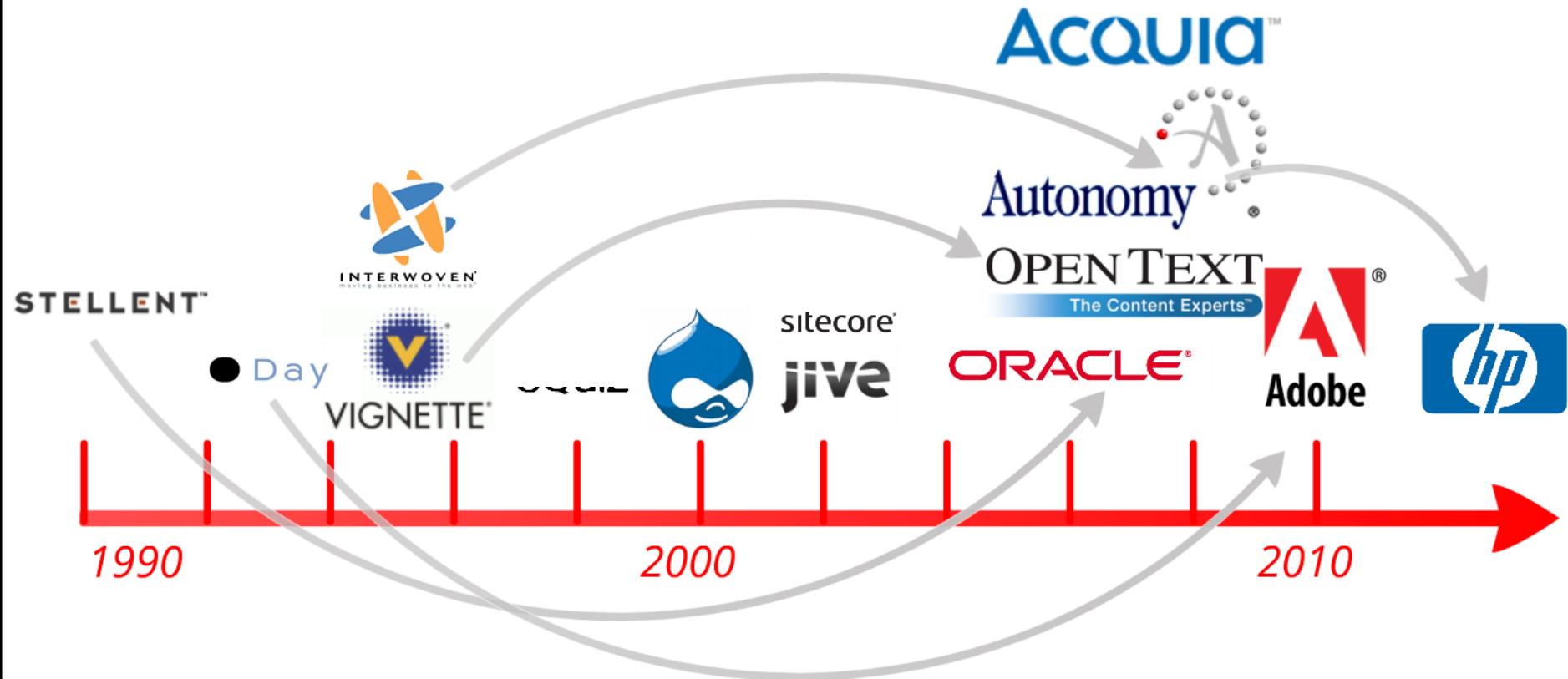


- Open source GPL technology
- Modular, open architecture
- Content management system
- Community enabled
- Enterprise scalable and secure

... there are a lot of [business] benefits!

- [Lower costs]
- [Open] platform
- Rapid [innovation]
- [Scalable] deployments
- [Repeatable] infrastructure

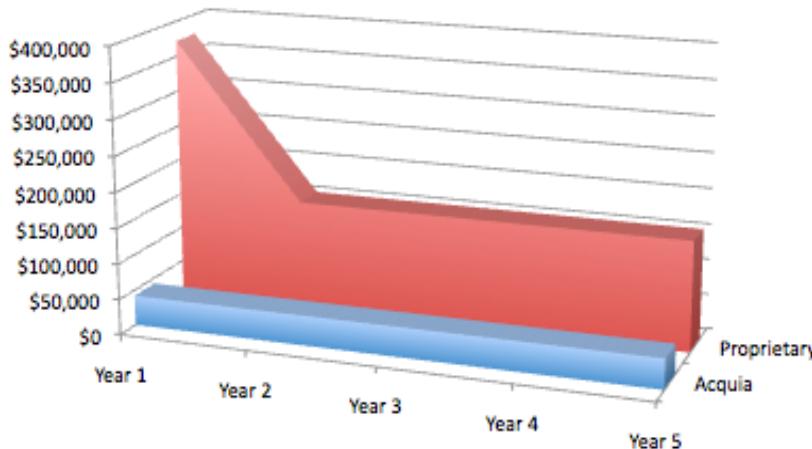
# 2001 – Drupal Released



# 2011 – Bossie Awards



# Business Value – Open Source



Cost differences:

- No upfront license fee
- Subscription based model

Explicitly places the burden of (re)proving a solution's value onto the vendor – where it belongs.

Shift that proprietary vendors literally cannot afford.

# Acquia is the Enterprise Guide to Drupal

- 220% 3 year CAGR
- 2400+ customers
- 280 employees
- Global:
  - Boston, London, Portland, Washington DC, Paris
- \$68.5M raised capital:
  - North Bridge Venture Partners, Sigma Partners, Tenaya Capital
  - Named the #1 Software Company in the Inc.500

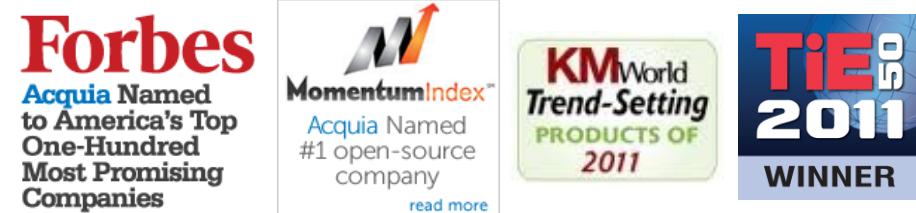
## Partners



## Customers



## Awards



ACQUIA™

# Multiple Paths to Drupal Success

## 1 Advise

### Acquia role

- Training
- Development support
- Maintenance

### Customer role

- Site planning
- Architecture design
- Project management
- Site development
- Testing
- Deployment

## 2 Advise, Architect & Validate

### Acquia role

- Training
- Site planning
- Architecture design
- Development support
- Code validation
- Maintenance

### Customer role

- Project management
- Site development
- Testing
- Deployment

## 3 Advise, Architect & Deliver

### Acquia role

- Training
- Site planning
- Architecture design
- Project management
- Build to specification
- Development support
- Testing
- Deployment
- Maintenance

### Customer role

- Focus on business goals

Acquia Network



Acquia Cloud

- Support & maintenance
- Network services
- Cloud deployment
- Developer tools
- Drupal monitoring
- Performance testing

ACQUIA™

## Slide 10

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4

I'd drop the \$30k pro serv fee

Stephen Skidmore, 2012-Jan-11

# Acquia Customers

Time Inc.



npr

Economist.com

TheStreet.com

FOX

MAXIM



itv



ENTERCOM

TURNER

BRIT AWARDS  
2012™  
MasterCard



GSA®



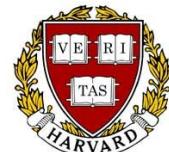
EUROPEAN  
COMMISSION



FEMA

Mit

NYU Langone Medical Center



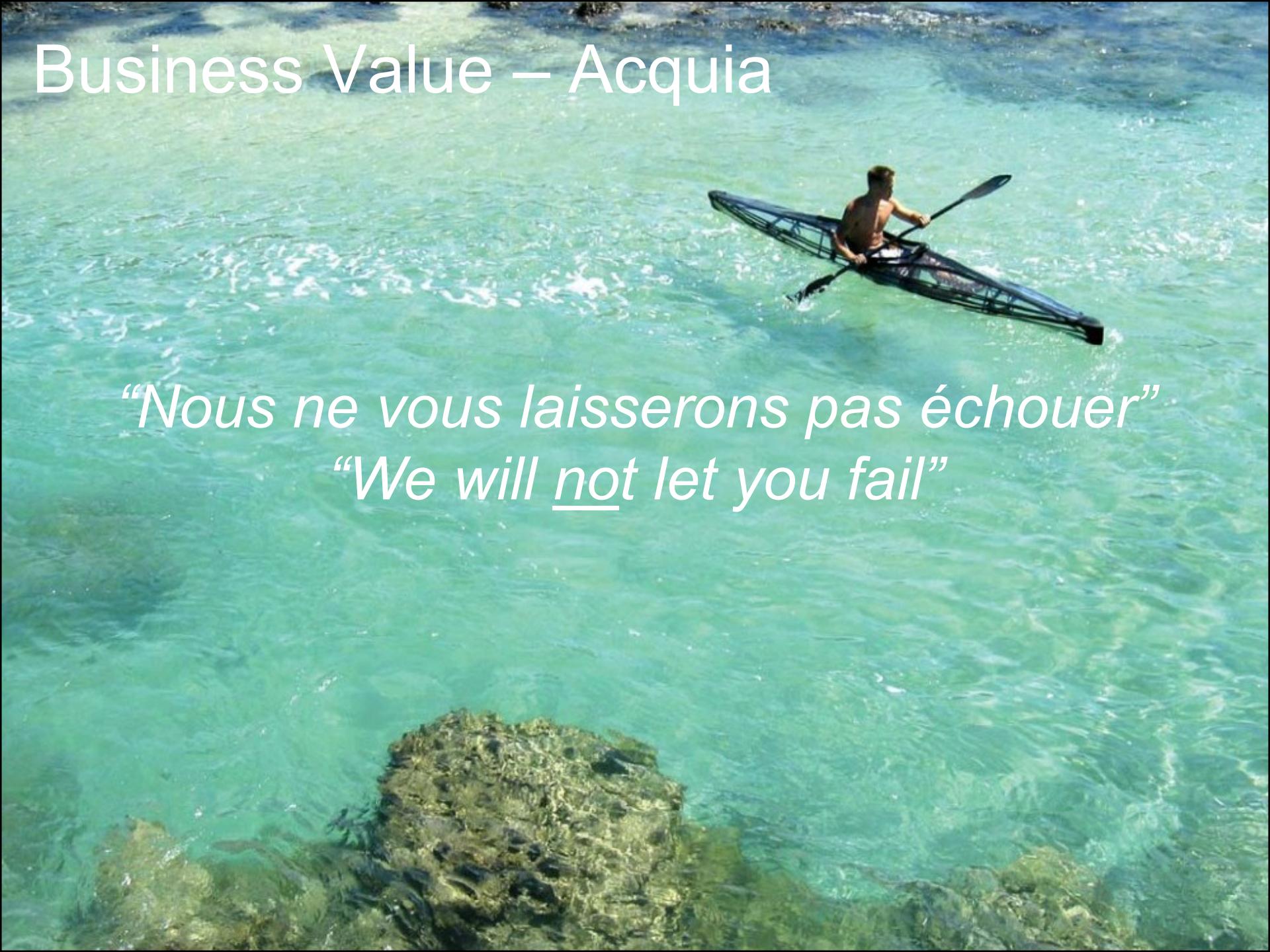
STANFORD  
UNIVERSITY

Princeton  
University

UCSF

UMASS  
AMHERST

# Business Value – Acquia

A photograph of a man in a black kayak on a body of water with greenish-blue, slightly choppy water. He is shirtless and wearing dark swim trunks, holding a paddle. In the lower-left foreground, there is a large, mossy, brown rock partially submerged. The overall scene suggests a sense of navigation or overcoming challenges.

*“Nous ne vous laisserons pas échouer”*  
*“We will not let you fail”*

# Drupal in the Government

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# Drupal Adoption in Government



## DRUPAL IN GOVERNMENT **WORLDWIDE**



THE USE OF DRUPAL IN GOVERNMENT AND INTERGOVERNMENTAL AGENCIES SPANS ALL 50 STATES AND 130+ COUNTRIES. SOME NOTABLE EXAMPLES:



United Nations



The World Bank



PRIME MINISTER OF BELGIUM



BRAZIL MINISTRY OF HEALTH



CITY OF ATHENS



CANADIAN TOURISM COMMISSION



CITY OF LONDON



QUEEN RANIA OF JORDAN



PRIME MINISTER OF AUSTRALIA



PRIME MINISTER OF THAILAND

# Drupal Government Sites (to name a few)

- Ottawa.ca
- Ontario.ca
- Buyandsell.gc.ca
- Whitehouse.gov
- Energy.gov
- Commerce.gov
- Education.gov
- DHS.gov

The screenshot shows the homepage of Ottawa.ca. At the top is a navigation bar with links for Home, Residents, Business, Visitors, and City Hall. To the right is a search bar with a magnifying glass icon and a 'Search' button. Below the search bar are links for Popular Search, Jobs, By-laws, and Garbage Collection. The main content area features a large image of a brightly lit outdoor skating rink at night, with people skating. The rink is illuminated with blue and purple lights. To the right of the image is a sidebar for 'Service Ottawa' with the slogan 'Don't wait in line... Get help Online!' and a list of services: View, print and pay your tax bill; Pay a parking ticket; Classes and activities – recreation registration; Pothole on the road; and Road maintenance. Below this is a 'All Services' button. At the bottom of the page is a banner for the White House, featuring President Barack Obama and Vice President Joe Biden speaking at a podium. The banner includes links for BLOG, PHOTOS & VIDEO, BRIEFING ROOM, and ISSUES. It also features the White House logo and links for Get Email Updates and Contact Us. A search bar at the bottom asks 'What are you looking for?' and there is a 'TOP NEWS' section with links to various news items.

# Examples: Consolidation, DHS - FEMA

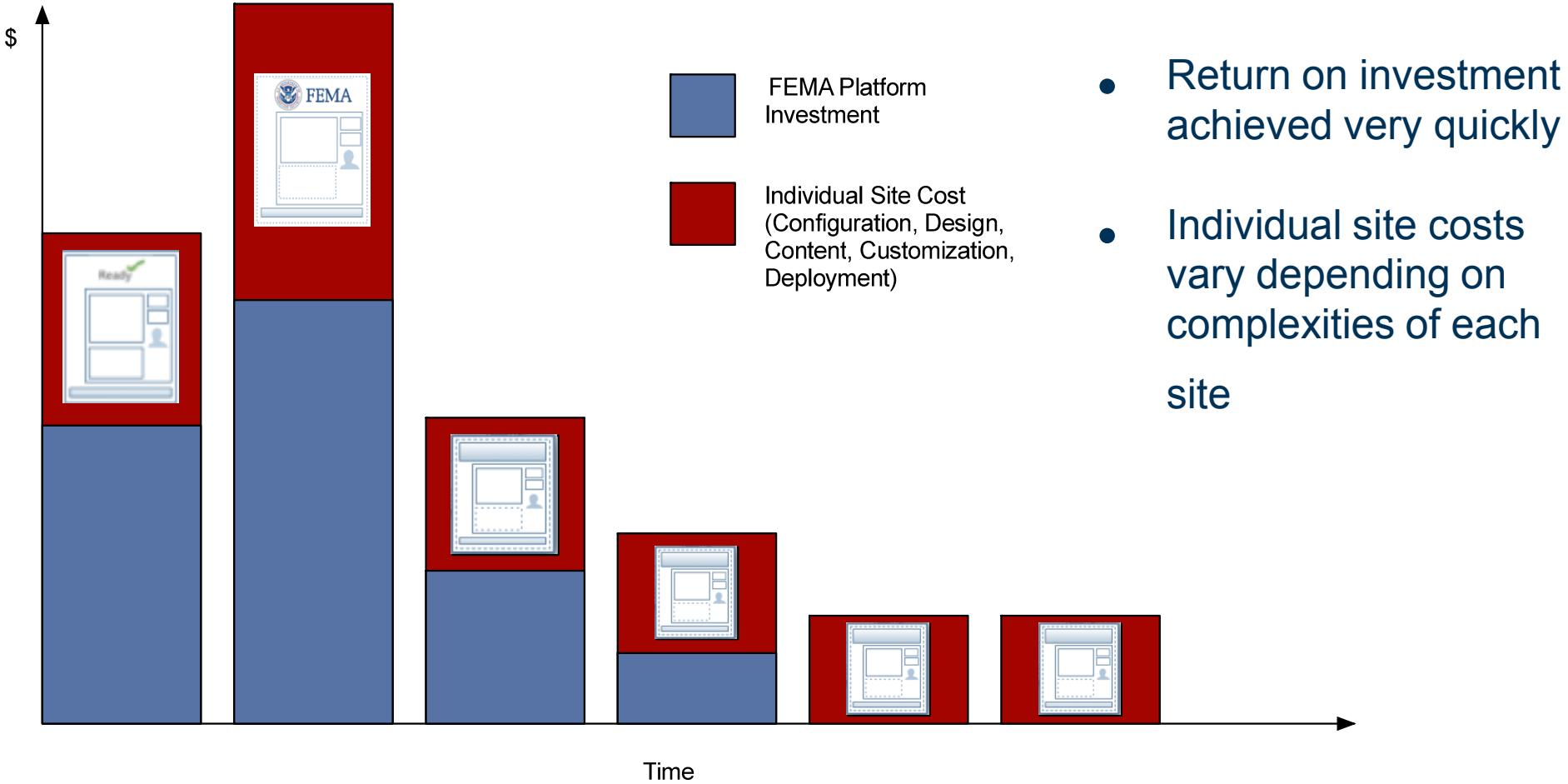
## Challenge

- 17 websites and domains for emergency monitoring, notification, management and resolution
- Multiple system integrators maintaining individual sites
- Sites ran across variety of platforms: Interwoven Teamsite most dominant

## Solution

- Drupal, Acquia, Phase 2
- Consolidated to 3 sites/domains (ready.gov, disasterassistance.gov, FEMA.gov)
- Launched in public cloud
- Millions of dollars/year in cost savings from labor and software licensing

# Platform Investment vs Site Cost





# Ready

Prepare. Plan. Stay Informed..



# FEMA

[CONTACT US](#) [MORE LANGUAGES](#) [FAQS](#) [FEMA.GOV](#)



## BE INFORMED

What to do before, during, and after an emergency.

## MAKE A PLAN

Prepare, plan and stay informed for emergencies.

## BUILD A KIT

Build a kit for disasters to be prepared.

## GET INVOLVED

Find opportunities to support community preparedness.

## BUSINESS

Plan for and protect your business.

## KIDS

Fun and games for kids.

**RESOLVE 2B READY 2013**

**RESOLVE TO BE READY**

Make a Plan to be Ready in 2013

Are you prepared? Disaster safety tips | Maps

Are you a disaster survivor? Apply for assistance | Recovery tips

Are you a disaster survivor? Apply for assistance | Recovery tips

Disaster Recovery Centers | Shelters

3 def 6 mno 9 wxyz #

2 abc 5 jkl 8 tuv 0 oper

1 ghi 4 pqrs 7 \* \*

◀ PREVIOUS | NEXT ▶

## PREPAREDNESS NOTIFICATIONS

### Winter Weather Safety Tips

Learn what to do before, during and after winter storms and extreme cold.  
AS OF 9:22 EST - Thu., Jan. 3, 2013

**WINTER WEATHER SAFETY TIPS**

### Preparedness Text Messages

Text **PREPARE** to 43362 (4FEMA) to receive **monthly preparedness tips**. (msg/data rates apply)

**ACQUIA**™



## Making Solar Homes Affordable

Solar Decathlon demonstration house finds new life in D.C.

[READ MORE](#)



STAY CONNECTED



Get Email Updates

## BLOG

JANUARY 4, 2013

[Photo of the Week: An Express Train to Crescent Junction](#)

Check out our favorite energy-related



### ENERGY SAVER TOPICS

Tax Credits, Rebates, and Savings

## NEWS

DECEMBER 21, 2012

[Energy Department Announces Six Projects to Develop Energy-Saving Windows, Roofs, and Heating and](#)

Find information about your town or city.

Enter your zip code

GO



### SAVINGS

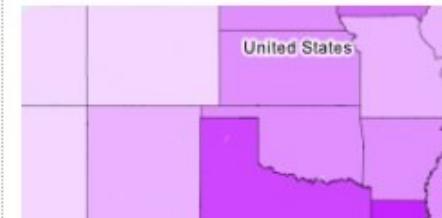
[Residential Renewable Energy Tax Credit](#)

[Energy-Efficient Commercial Buildings Tax Deduction](#)

[Business Energy Investment Tax Credit \(ITC\)](#)

[View All Savings](#)

## HOW MUCH DO YOU SPEND?



<http://www.whitehouse.gov/>

the WHITE HOUSE PRESIDENT BARACK OBAMA

★★★★★ ★★★★★



BLOG PHOTOS & VIDEO BRIEFING ROOM ISSUES the ADMINISTRATION the WHITE HOUSE our GOVERNMENT

*Your*  
**WEEKLY ADDRESS**

President Obama calls on Congress to pass the Buffett Rule, a principle that ensures that millionaires and billionaires do not pay less in taxes as a share of their income than middle class families pay -- as a matter of fairness.

[Watch the Video](#)

1 2 3 4



President Barack Obama tapes the Weekly Address, White House Photo, Lawrence Jackson, 3/29/12

## FEATURED TOPICS



### How to Engage with the White House

We want to hear from you. Learn how you can get involved, share your stories, and add your voice to help address the challenges of the 21st century.

## SEARCH the SITE

Search WhiteHouse.gov

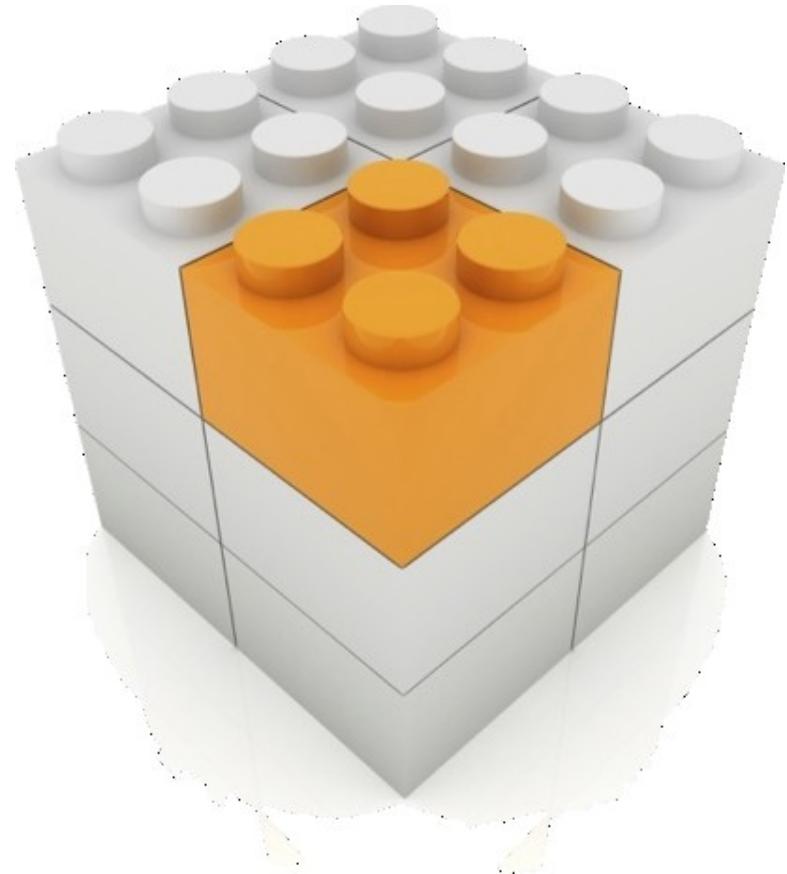
WE the  
PEOPLE YOUR VOICE IN

# Drupal in Depth

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# It's All About the Modules

- Drupal “Core” Modules
- Drupal “Community” Modules
- Module Extending



# Truly Agile Open Source Development



**Issue Summary**

Pinterest is at 11 million users! Could we add

Thanks!!

[Login or register](#) to post comments

**Comments**

#1 Posted by [sterndata](#) on March 7, 2012 at

+1



**Pinterest hits  
10M unique visitors**

**New Drupal module created for  
website Users “pinned” images**

**15 Drupal sites go live  
with Pinterest integration**

# Inside Many Large Organizations, the Web Is Broken

- Duplication of content
- Disparate sources
- Disconnected reporting
- Islands of excellence



# Distribution: OpenPublic

Add content Find content Edit shortcuts

Home My Account Logout

 Openpublic

SEARCH

ABOUT SERVICES STAFF DIRECTORY RESOURCES MEDIA ROOM BLOGS OPEN GOVERNMENT

*Education Tops Presidential Agenda in 2011*

*Vel doming vel tempor te qui. Liber consequat qui volutpat aliquam doming. Tincidunt nihil eodem...*

[Read More](#)

• • • •



**! Breaking** ABC Agency releases Public Datasets Online [Read More](#)

# Distribution: aGov

The open  
Drupal platform  
for Australian  
government  
websites.

The screenshot shows the aGov website homepage. The header features the 'aGov' logo in white on a blue background. Below the header is a navigation bar with links for HOME, ABOUT, SERVICES, PUBLICATIONS, NEWS & MEDIA, RESOURCES, and CONTACT. The NEWS & MEDIA section is currently active, showing sub-links for Media releases, News archives, Government blog, Events, Newsletter, and Subscribe. The main content area includes a large image of the Sydney Opera House at night, a news article about a water treatment upgrade, and a mobile device displaying the aGov mobile site. The footer contains links for About us, Latest news, From the blog, and various government departments like Home Affairs, Immigration, and Treasury.

# Distribution: Web Experience Toolkit

The screenshot shows a web page with a blue header featuring a red maple leaf and the word "Canada". The header includes navigation links for Home, Help, Contact Us, and Search, along with the URL canada.gc.ca. Below the header is a large satellite map of Canada. On the left side of the map, there is a sidebar with the text "First Slide Title" and "Second Slide Title". A video player interface is overlaid on the map, showing a play button and the text "First Slide Title" and "First Slide Title Desc". At the bottom of the sidebar is a "Pause" button. The main content area below the map is divided into three sections: Headlines, Videos, and Priorities. The Headlines section contains a link to "WetKit Demo" and a detailed description of the Web Experience Toolkit. The Videos section shows a black video frame with a play button. The Priorities section lists "Priority 1", "Priority 2", and "Priority 3".

Web Experience Toolkit

Canada

Home Help Contact Us Search canada.gc.ca

First Slide Title

Second Slide Title

First Slide Title

First Slide Title Desc

Pause

Headlines

[WetKit Demo](#)

Web Experience Toolkit (WET) includes reusable components for building and maintaining innovative Web sites that are accessible, usable, and interoperable. These reusable components are open source software and free for use by departments and external Web communities. The toolkit complies with the new Standards on Web Accessibility and Web Usability; the toolkit will...

Videos

▶

Priorities

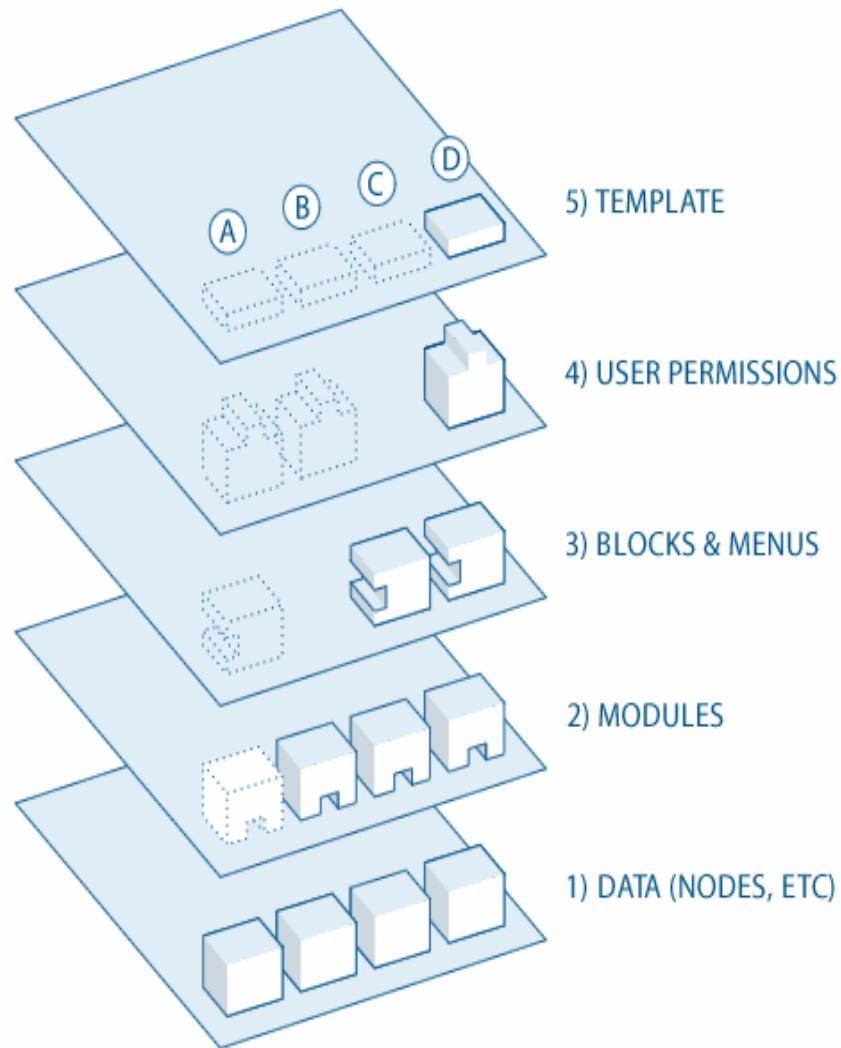
Priority 1

Priority 2

Priority 3

# Drupal Architecture

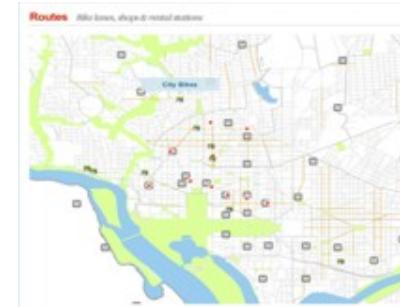
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# How Drupal Manages Content

## Views

beer reviews			
Title	Style	Ratings	Where is Brewed?
Bans Nevada Celebration Ale	Other	★★★★★	Chico, CA
Ommegang Abbey Ale	Abby Ale	★★★★★	Ghent, NY
Bans Nevada Torpedo Extra IPA	India Pale Ale	★★★★★	Chico, CA
Bans Nevada Pale Ale	Sessional-Style Pilsner	★★★★★	Chico, CA
Recessor Kolsch	Kolsch	★★★★★	König, Germany
Bans Nevada Kalamansi	Hefeweizen	★★★★★	Boston, MA
Boston Beer Works Back Bay IPA	India Pale Ale	★★★★★	San Francisco, CA
Anchor Liberty Ale	India Pale Ale	★★★★★	San Francisco, CA
Anchor Christmas Ale 2008	Other	★★★★★	San Francisco, CA
Flying Dog Road Dog Porter	Porter	★★★★★	Frederick, MD
Guinness	Irish-Style Dry Stout	★★★★★	Dublin, Ireland
Wachusett Green Monroe Ale	Pale Ale	★★★★★	Westminster, MA
Hopworks Double IPA	Double-Isaac Beer	★★★★★	Portland, ME
Dogfish Head 90 Minute IPA	India Pale Ale	★★★★★	Milford, DE
Bans Nevada ESS	Extra Special Bitter / Strong Bitter	★★★★★	Würzburg, Germany
Julius Echter Hefe Weiss	Hefeweizen	★★★★★	San Francisco, GA
Anchor Summer Beer	Wheat Beer	★★★★★	Frederick, MD
Götschberg Belgian Abbey Beer	Abby Ale	★★★★★	Frederick, MD
Wachusett White IPA	English-Style India Pale Ale	★★★★★	Westminster, MA
Ayinger Bräu-Pils	Hefeweizen	★★★★★	Ayinger, Germany
Wachusett IPA	India Pale Ale	★★★★★	Westminster, MA
Hopworks IPA	India Pale Ale	★★★★★	Boston, MA
Namaste! Rock Beer	Rock	★★★★★	Pawcatuck, RI



## References



## Content

blog post

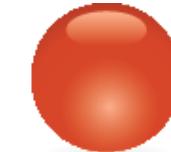
wiki entry

web page

video

image

media



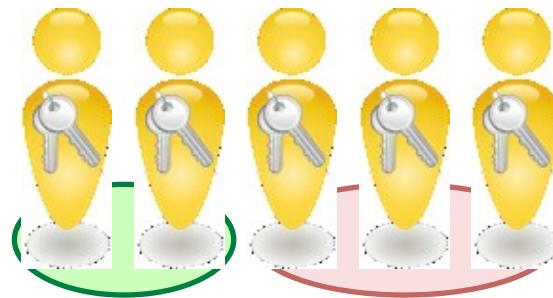
## Nodes

# How Drupal Manages Users

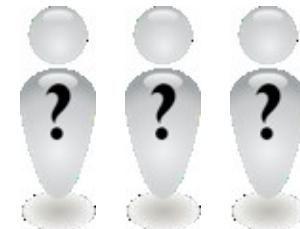
Administrator



Authenticated  
Users



Anonymous  
Users



Roles

authors

editors

Groups of like users

Permissions



Operations allowed by role

Views



Determined by permissions

# Field API

Home » Administration » Structure » Content types » Delicious Bookmark

Show row weights

LABEL	NAME	FIELD	WIDGET	OPERATIONS			
⊕ Title	title	Node module element					
⊕ Body	body	Long text and summary	Text area with a summary	edit	delete		
⊕ Article Source	delicious_bookmark_source	Text	Text field	edit	delete		
⊕ Image	delicious_bookmark_image	Image	Image	edit	delete		
⊕ Delicious Bookmark Tags	delicious_backup_tags	Term reference	Autocomplete term widget (tagging)	edit	delete		
<b>⊕ Add new field</b>							
<input type="text"/>	field_ <input type="text"/>	- Select a field type - <input type="button" value="▼"/>	- Select a widget - <input type="button" value="▼"/>	Form element to edit the data.			
Label	Field name (a-z, 0-9, _)	Type of data to store.	Form element to edit the data.				
<b>⊕ Add existing field</b>							
<input type="text"/>	- Select an existing field - <input type="button" value="▼"/>	- Select a widget - <input type="button" value="▼"/>	Form element to edit the data.				
Label	Field to share	Form element to edit the data.					

# Developers: Open Data, Open Standards

- Open standards support:
  - Media Asset Management
  - Application integration
  - User access & authentication



**JSON**

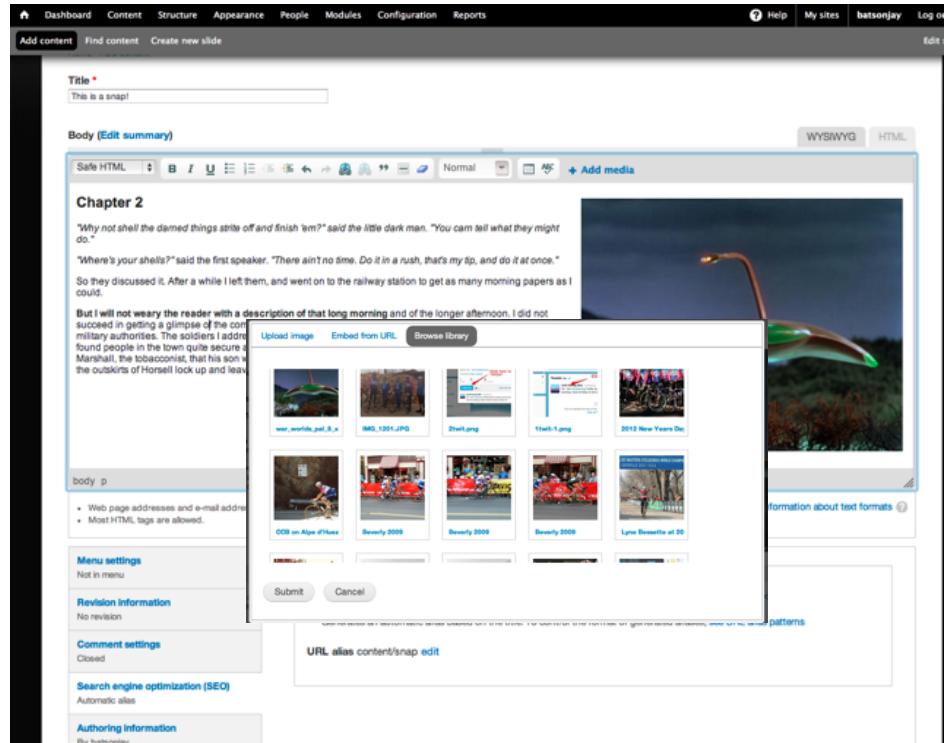


# Sample Features

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# Content Authoring

- WYSIWYG editing
- Content & presentation separation
- Rich media integration & controls
- Drag and drop page layouts



# Editorial Workflows

- Content creator / editor workbench
- Review, approval, publishing workflows
- Change reviewing
- Content versioning
- Role-based interface & permissions

The screenshot shows the Acquia Workbench interface. At the top, there's a navigation bar with links like 'My Workbench', 'Dashboard', 'Content', 'Structure', 'Appearance', 'People', 'Modules', 'Configuration', 'Reports', and 'Help'. On the right side, there are buttons for 'Hello admin', 'Log out', and 'Edit shortcuts'. Below the navigation, there's a sub-navigation bar with tabs: 'MY CONTENT', 'CREATE CONTENT', 'FILE LIST', 'MY SECTIONS', 'MY DRAFTS', and 'NEEDS REVIEW'.  
  
The main content area has two tables:

- Content I've Edited:** This table lists content items that the user has edited. It includes columns for 'TITLE', 'SECTION', 'TYPE', 'PUBLISHED', 'REVISED BY', 'LAST UPDATED', and 'ACTIONS'.

TITLE	SECTION	TYPE	PUBLISHED	REVISED BY	LAST UPDATED	ACTIONS
Exhibit Staff Info	Exhibits > Exhibits Staff	Article	Yes	admin	2 months 2 weeks ago	<a href="#">edit</a>
Auto Neo Exhibit	Exhibits	Basic page	Yes	admin	2 months 2 weeks ago	<a href="#">edit</a>
Library Resources	Library Visitors	Article	Yes	admin	2 months 2 weeks ago	<a href="#">edit</a>
My Draft Article Rocks!	Exhibits > Exhibits Staff	Article	Yes	admin	2 months 2 weeks ago	<a href="#">edit</a>
Library Staff News	Museum > Library Staff	Basic page	Yes	george-editor	2 months 2 weeks ago	<a href="#">edit</a>
Gift Shop	Museum > Gift Shop	Basic page	Yes	admin	2 months 2 weeks ago	<a href="#">edit</a>
Rusticas Turn 9 so much better	Museum > Library Staff	Basic page	Yes	george-editor	4 months 1 week ago	<a href="#">edit</a>
Commoda neque	Library Visitors	Basic page	Yes	jill-contributor	2 months 1 week ago	<a href="#">edit</a>
Inmitti Loquor Sapienter	Exhibits > Exhibits Visitors	Article	Yes	george-editor	3 months 1 week ago	<a href="#">edit</a>
- All Recent Content:** This table lists all recent content items across different sections. It includes columns for 'TITLE', 'SECTION', 'TYPE', 'PUBLISHED', 'AUTHOR', and 'LAST UPDATED'.

TITLE	SECTION	TYPE	PUBLISHED	AUTHOR	LAST UPDATED
Exhibit Staff Info	Exhibits > Exhibits Staff	Article	Yes	jill-contributor	2 months 2 weeks ago
Auto Neo Exhibit	Exhibits	Basic page	Yes	george-editor	2 months 2 weeks ago
Library Resources	Library Visitors	Article	Yes	george-editor	2 months 2 weeks ago
My Draft Article Rocks!	Exhibits > Exhibits Staff	Article	Yes	jill-contributor	2 months 2 weeks ago
Library Staff News	Museum > Library Staff	Basic page	Yes	george-editor	2 months 2 weeks ago
Gift Shop	Museum > Gift Shop	Basic page	Yes	admin	2 months 2 weeks ago
Rusticas Turn 9 so much better	Museum > Library Staff	Basic page	Yes	george-editor	4 months 1 week ago
Commoda neque	Library Visitors	Basic page	Yes	jill-contributor	2 months 1 week ago
Inmitti Loquor Sapienter	Exhibits > Exhibits Visitors	Article	Yes	george-editor	3 months 1 week ago

# Integrated Rich Media Management

- An Acquia SaaS feature service
- Centralized media repository for multi-site
- Integrates directly into Drupal content / media UI
- Tagging & metadata
- Searching & previewing
- Digital Rights Management

The screenshot displays a web-based media management interface. At the top, there are three navigation buttons: 'Upload image', 'Embed from URL', and 'Browse library'. Below this, the 'Browse library' section shows a grid of media items. The items include several beer labels (e.g., 'RUTHLESS', 'LUCKY U IPA') and a video thumbnail for 'Elephants Dream (2006)'. To the right of the grid, a detailed view of the video 'Elephants Dream (2006)' is shown. This view includes a preview player, a description text, and a table of metadata fields. The metadata table contains the following data:

Title	Elephants Dream (2006)
Owner id	admin
Aggregatie niveau	niveau 2
Auteursrechten	Ja
Bestandsformaat	QT/Mpeg4/3gp video
Description	Elephants Dream is the world's first open movie, made entirely with open source graphics software such as Blender and with all production files freely available to use however you please, under a Creative Commons license. The short film was created by the Orange Open Movie Project studio in Amsterdam during 2003/2006, bringing together a diverse team of artists and developers from all over the world. (c) copyright Blender Foundation   apricot.blender.org.
Identificatiecode	<a href="http://demo.mediama.surfnet.nl/wle/?q=asset/q1WkISvNEvMft9mQJ99464eI">http://demo.mediama.surfnet.nl/wle/?q=asset/q1WkISvNEvMft9mQJ99464eI</a>
Kosten	nee
Language	nl
Mediafile duration	1:15:25
Schemanaam	<a href="http://demo.mediama.surfnet.nl/wle/">http://demo.mediama.surfnet.nl/wle/</a>
Status	final
Video timestamp	2010-11-24 12:39:51
Video modified	2011-06-30 18:28:54

# Language Translation and Multi-Site

- Multilingual content
  - Support for handling text content, fields, variables, UGC, ...
  - Language translation workflow
- Localized Drupal UX
  - Core, custom code
- Core Drupal, or Lingotek
- Single site and multisite

The screenshot shows the Lingotek Workbench interface. At the top, there's a navigation bar with 'Edit', 'View', 'Save', 'Close', and 'Help'. Below it, a toolbar has 'Spanish' selected. A progress bar indicates 'Segment 4 of 34, 0% Complete, 133 Words'. The main area displays two tabs: 'Click for local Acquia phone numbers' and 'ImaginInvoker on desarrollo - Información general'. The 'Información general' tab contains a large amount of text in Spanish and English, with some parts highlighted by a red box. On the right side, there's a 'Translation Memory' section with a list of items, one of which is also highlighted with a red box. At the bottom, there's a 'Machine Translation' section and a 'Comments' section.

# Analytics and Reporting

- Analytics agnostic - web, marketing & social
- Marketing automation agnostic
- User / role-based data
- Point and click webforms for landing pages
- Search/solr integration

The screenshot displays two distinct analytical platforms. The upper portion is a Google Analytics summary page. It features a line graph titled 'Visits Over the Past 30 Days' showing fluctuating traffic levels. A yellow callout box highlights that the 'The most visitors on a single day was 1025. Yesterday there were 1019 visits.' Below the graph is a table of 'Site Usage' with data for 'Pages', 'Pages/Session', and 'Pages/Visit'. The lower portion is a 'My Webform' interface. It includes a sidebar for 'Social proof (same text)' which lists five metrics: 'An article on my site', 'A custom page callback', 'A views list of content', '(Custom CMF) that links', and 'My audience's homepage'. There is also a section for 'Your e-mail' with a text input field. The main area shows a grid of four A/B testing test results. Each result card has a title, a preview image, and various performance metrics. The cards are labeled 'Control', 'social proof', 'Website v1', and 'Social proof v1'. The 'social proof' card is currently selected. The entire interface is set against a dark blue background.

# Mobile and Multi Platform

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# Responsive design

## Recommended use cases

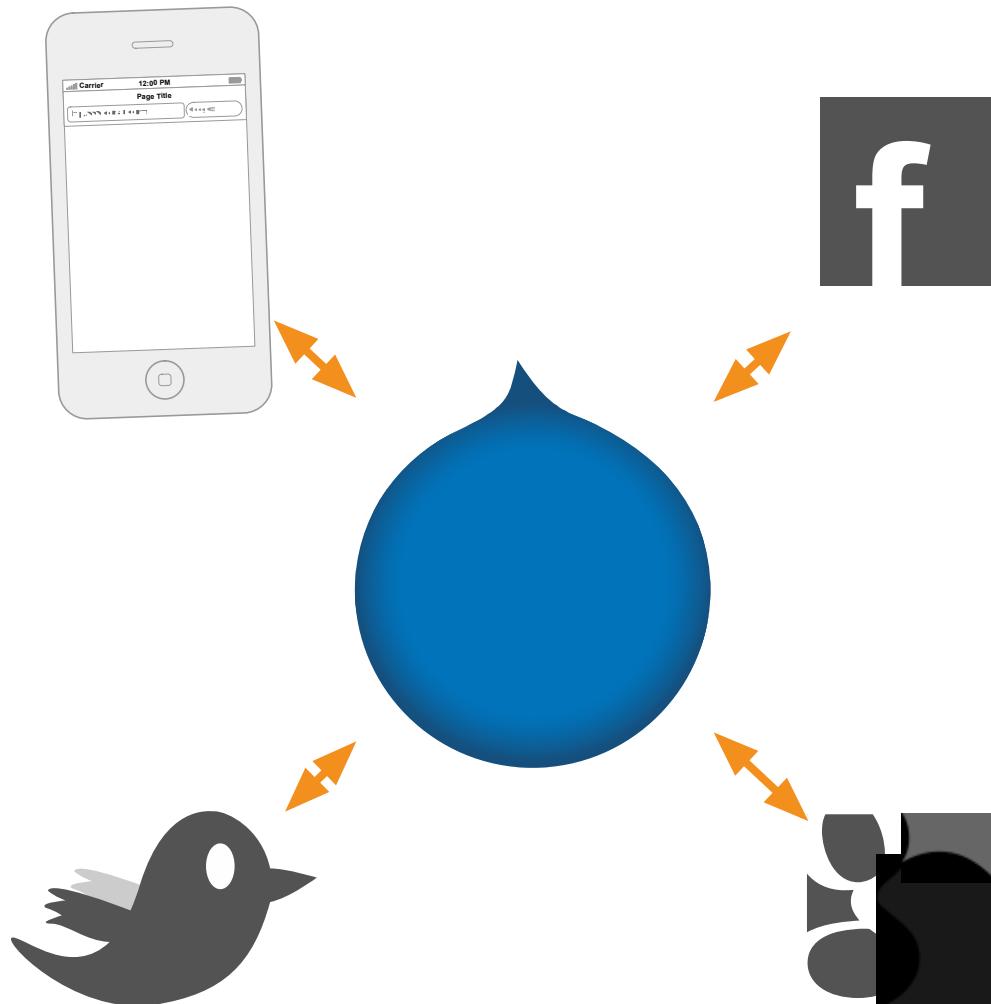
- Blogs, marketing, event sites.
- Targeting wide variety of devices with the same content and assets. Best for desktop and tablets.
- Accommodate the widest variety of contexts.
- Able to redesign site from ground-up.

## Not recommended for

- Sites with many “regions” or “blocks” of content.
- Very low-bandwidth delivery requirements.
- App development.



# Multichannel publishing



# Drupal Delivers Rich, Integrated Experiences



# Scaling Drupal

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# Runs on LAMP...

...like the web's busiest sites



Linux  
Apache  
MySQL  
PHP

This screenshot shows a user's profile page on Flickr. It includes a profile picture, the name "Tere Lumemore!", and a "Your Photostream" section displaying several thumbnail images. Below that is a "Your Contacts" section and an "Explore - Groups" section.

This screenshot shows the Facebook News Feed. It displays various posts from friends, including one from "Jesse Hyman" and another from "Amy Berger". The feed also shows options like "View all comments" and "Like".

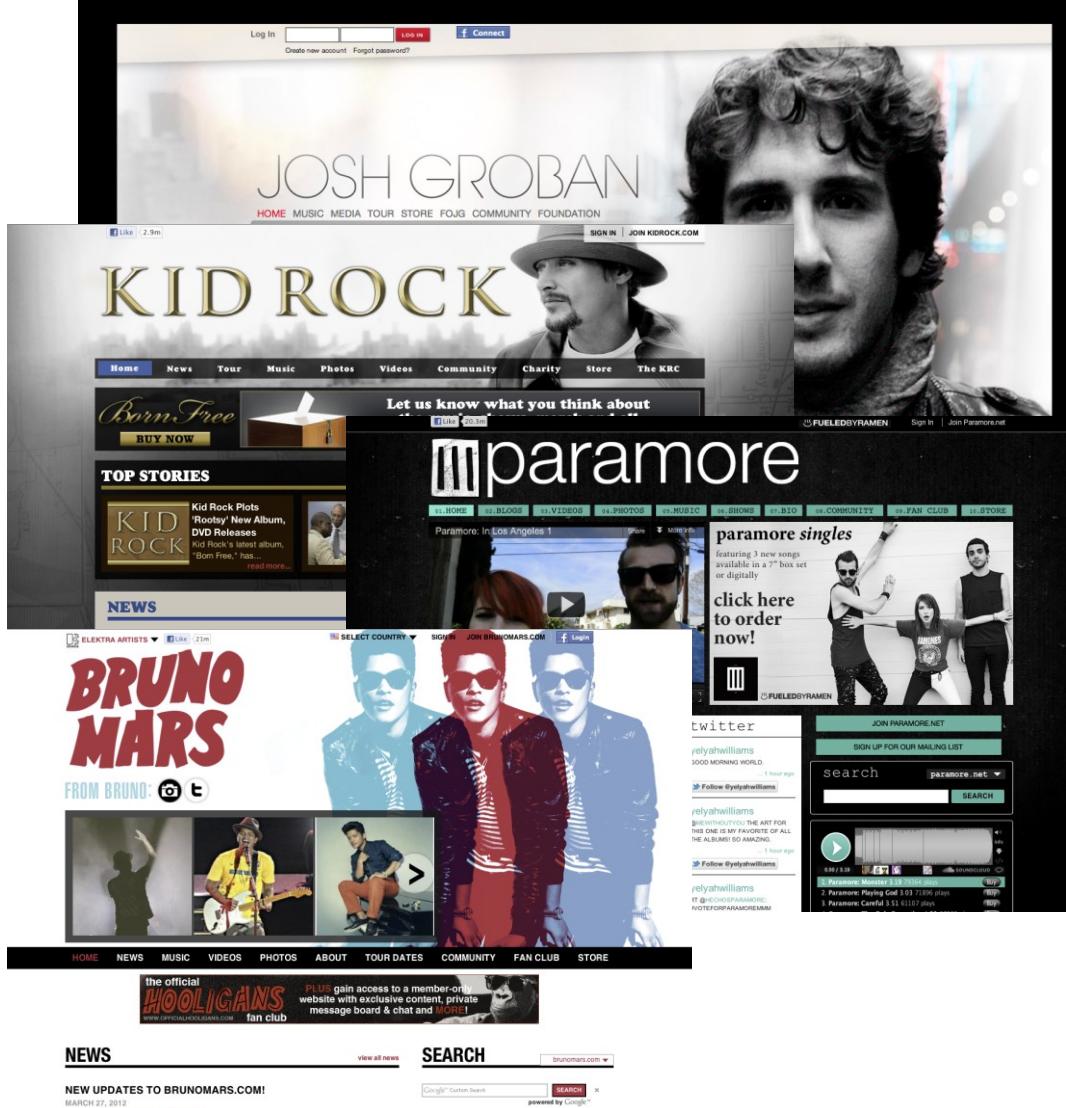
This screenshot shows the English Wikipedia homepage. It features the iconic globe logo, links to other language versions (like Spanish, French, and German), and a sidebar with news and featured articles.

This screenshot shows the Digg homepage, featuring a "Top News" section with headlines like "French Children Rescued Safely After Hostage-taking" and "Romance: Obama and Boehner should work together... in such striking". It also includes a "Twitter" section and a "Yahoo!" search bar.



# Warner Music Group

- 140 sites on Acquia Managed Cloud
- Complex e-commerce workflow requiring registration, search, checkout
- Call-to-action from unpredictable promos drives thousands of simultaneous responses
- **Have experienced 90M requests in one day**



ACQUIA™

# Al Jazeera blogs



News In Depth Programmes Video Blogs Business Weather Sport Watch Live

Africa Americas Asia Europe Middle East Imperium

## LIBYA ON THE LINE

The conversations Gaddafi didn't want you to hear



Robin Forestier-Walker/Al Jazeera

### Muscovites on the march

By Robin Forestier... on May 13th, 2012

Prominent Russian novelists and poets led a street protest in the Russian capital Moscow without obtaining the required permit, and police did not intervene.  
[Read more...](#)



When non-lethal weapons become deadly



### When non-lethal weapons become deadly

By Rob Reynolds in Americas on May 14th, 2012

One afternoon in May, Al Jazeera accompanied police sergeant Joseph Paul on patrol in San Jose, California, a city of just under a million...

### Syria Live Blog

By Al Jazeera Staff in Middle East on May 14th, 2012

Protests in Syria have escalated into what some are calling a burgeoning civil war, and the United Nations says more than 9,000 people have been...

### Live Blogs

- Syria
- Bahrain
- Egypt

### Al Jazeera Live



Live video



### What's Hot

Viewed 7 Days

- Syria Live Blog
- When non-lethal weapons become deadly
- Closing in on Joseph Kony?
- Muscovites on the march
- Strike at Tripoli airport brings things to a boil
- Guatemala's land grab and massacre
- Ex-rebels eager to 'rebuild' Libya
- Up close with the Free Syrian Army
- Egypt Live Blog

### Recent Comments

ACQUIA™

# Gofobo

- Start-up business
- Frequently experience traffic spikes without notice
- Even when they do have notice – i.e. Good Morning America promotion – they don't have the expertise to know how to scale their environment
- **Have experienced 7,500 concurrent users in one day**

The screenshot shows the Gofobo homepage. At the top, there's a banner from Google Offers with the text "Deals on the great places to eat, shop, and play in Philadelphia." and a "Sign up now" button. Below the banner, the Gofobo logo is prominently displayed with the tagline "MOVIES FIRST. PRIZES FAST." To the right of the logo are navigation links for "screenings", "movies", "actors", "sweepstakes", and "my fobo". A search bar with the placeholder "find movies, actors, more" is located on the right. On the left side, there's a sidebar with movie news snippets: "Watch: Joseph Gordon-Levitt Can Kill Himself In Full Trailer For Rian Johnson's 'Looper'", "Watch: 'The Dictator' Meets An Educated Woman In First Clip From The Film", and "Ridley Scott Drafts Brad Pitt And Javier Bardem For 'The Counselor.' With Angelina Jolie And Fox Circling". The main content area features a large video thumbnail for "Watch: 'The Dictator' Meets An Educated Woman In First Clip From The Film". Below the video, there are sections for "breaking news" (with stories about "Maleficent" and "Casting Heats Up On Relativity Media's Current..."), "Win Passes To A Gofobo Screening", and "The Lucky One Sweepstakes". On the right, there's a sidebar titled "opening this weekend" listing movies like "The Cabin In The Woods", "The Three Stooges", "Lockout", and "Touchback". At the bottom, there are social media links ("follow us" with icons for Twitter, Facebook, and YouTube) and a "box office" table.

Movie	Rank	Weekend Gross
The Hunger Games	1	\$33,500,000

# Angie's list

**Join Now** **Sign In** **Business Owners**

Quick Tour How It Works FAQ In the Press The Big Deal Contact Us Wishmakers **1-888-888-5478**

## Get the best service

Find detailed reviews on roofers, plumbers, house cleaners, dentists and more! Over 1 Million members check Angie's List before they hire.

- Companies can't pay to be on Angie's List
- Reviews come from real people like you, not anonymous users
- Exclusive discounts from top-rated businesses – save up to 70%
- Ratings and reviews in over 550 home repair and health care categories
- Live call center and help if a project goes bad

Or join with:

**Join Now**

**Have experienced 90M requests in one day**

**"After a month of no progress,  
I had to step in to manage  
the project myself."**

-member photo & report #13671  
Los Angeles, CA

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**How Angie's List works**

**TAKE A QUICK TOUR**

**As featured in**

**Testimonials**

"Before Angie's List, selecting a service provider was like throwing darts blind folded. Those who report on Angie's List have helped me make informed, logical, educated decisions. I am truly grateful."  
- Nancy B., St. Paul, Minn.

"When I had a problem with a service provider, Angie stuck up for me, and I got action immediately. I wish I would have called earlier!"  
- Robert H., Columbus, Ohio

# WEEI Sports Radio

**SPORTSRADIO WEEI 93.7FM/850AM**

[SHOWS](#) [RED SOX](#) [PATRIOTS](#) [CELTICS](#) [BRUINS](#) [NATIONAL](#) [AUDIO & VIDEO](#) [CONNECT](#) [STATION](#)

NHL	NBA	MLB	BOSTON
NJ FLA	7:00 PM	PHI PIT	7:30 PM
		DET NSH	7:30 PM
			LA VAN
			10:00 PM

**LATEST AUDIO** POWERED BY at&t  
The Dennis and Callahan Show  
Red Sox GM Ben Cherington disc [...] 

**LIVE TODAY ON 93.7 FM (NO STREAMING):**

**THIS JUST IN...** [NATIONAL NEWS](#)  **LIKES**

- Rays DH Scott on Fenway 'It's a dump'
- Mashup: NHL admits ref's error in Pittsburgh

**AP Image**

**BOSTON BRUINS**

[NHL HOME](#) [STATISTICS](#) [ROSTER](#) [SCHEDULE](#) [STANDINGS](#) [AUDIO ON DEMAND](#) [BIG BAD BLOG](#) [STANLEY CUP OF CHOWDER](#)

**LATEST AUDIO** POWERED BY at&t  
Bruins  
Boston Bruins Defenseman Andre [...] 

**THIS JUST IN...** [NATIONAL HEADLINES](#)

- Kelly 'most surprised in building' on winner
- Overkill: B's win Game 1 in OT
- Julien hopeful Boychuk will play in Game 1
- Savard: 'I feel so bad' for Horton
- McQuaid out for Game 1 vs. Capitals
- Horton (concussion) to miss playoffs
- Julien: 'Nothing's changed' with McQuaid
- Julien: McQuaid's status 'up in the air'

**HUMBLE HERO**

Bean: Overtime star Kelly continues to bring more than he's willing to admit  
Bean: Kelly leads 'chain gang' | Plane of glass hits Krejci after win

**SAVE UP TO 70% ON LOCAL FAVES!**

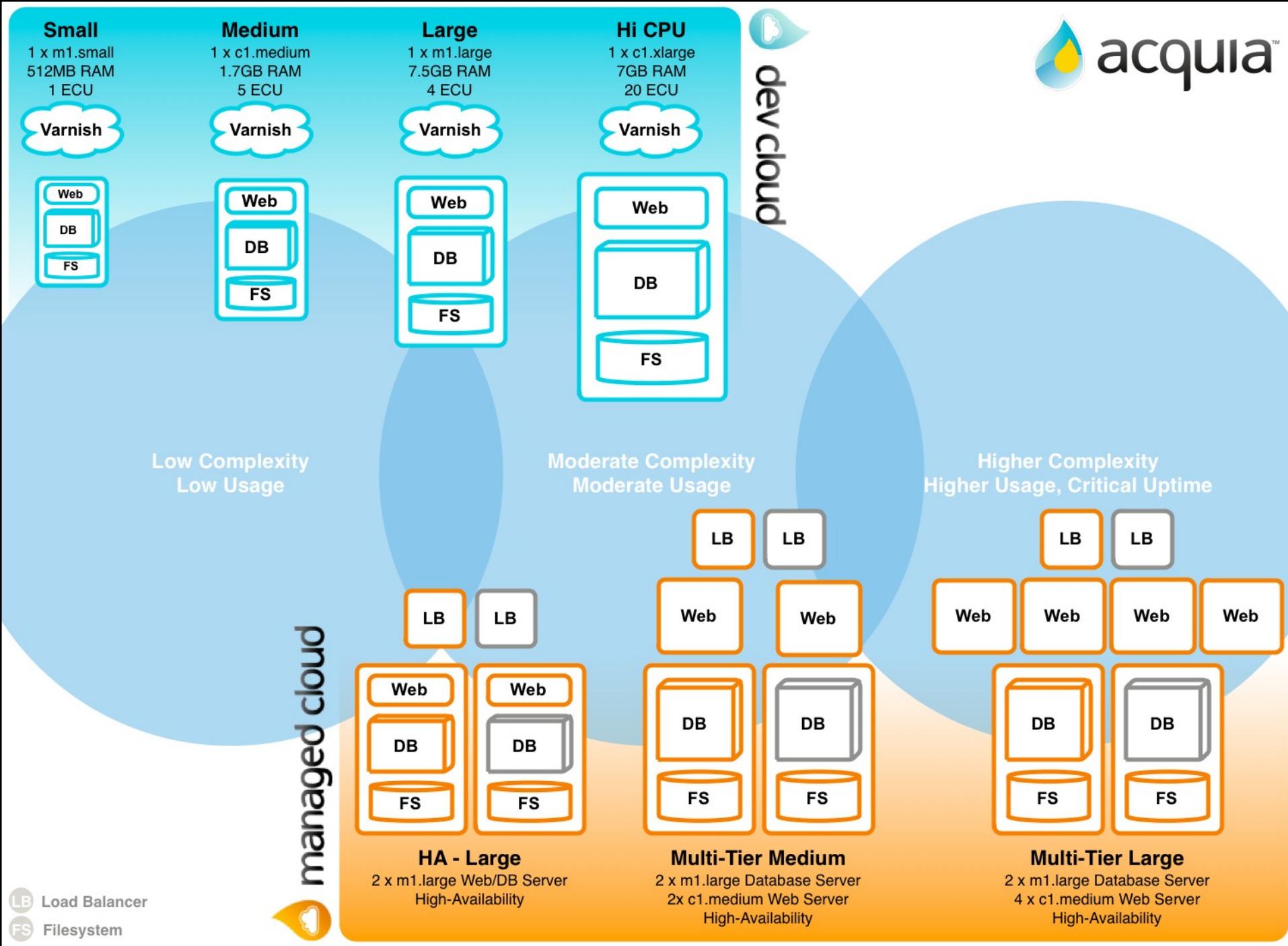
[LATEST COLUMN](#) [LATEST BLOG POSTS](#)

**MN** Ivers, a ... [\[...\] > Read](#)

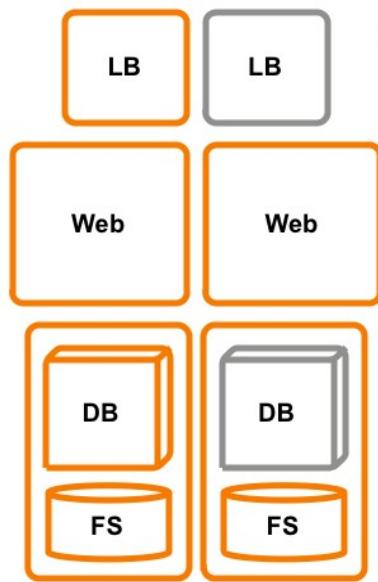
**FEATURED COLUMN**

Chris Kelly continues to bring more than he's willing to give himself ...  
If you need a scouting report on Chris Kelly, you probably should

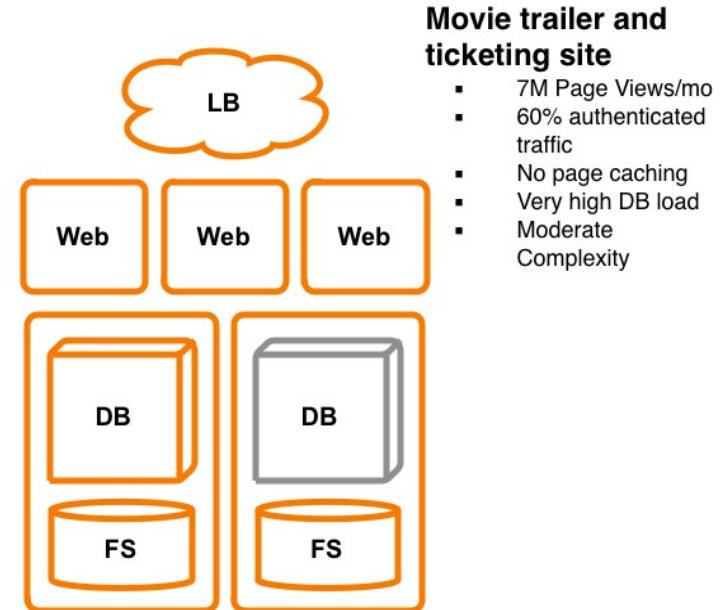
Have experienced 42M requests in one day



# Unique Needs Served by Custom Managed Cloud Configurations

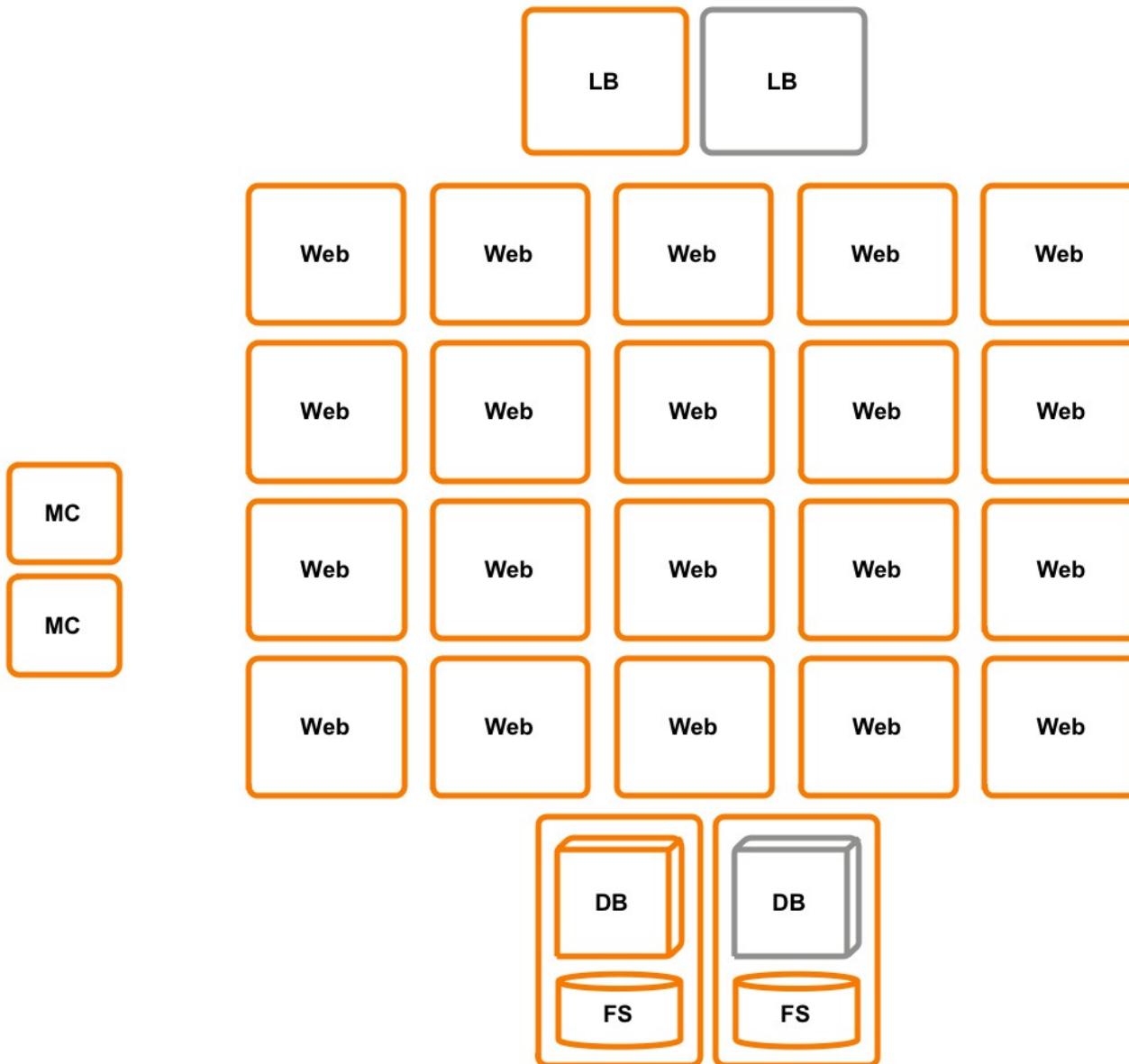


2 x m1.large Database Server - 4 ECU, 7.5GB RAM  
 2x c1.xlarge Web Server - 20 ECU, 7GB RAM  
 2 x m1.large Load Balancer - 4 ECU, 7.5GB RAM



3 x m1.large Web Server - 4 ECU, 7.5GB RAM  
 2 x c1.xlarge Database Server - 20 ECU, 7GB RAM  
 Shared Load Balancers

# Large-Scale Custom Configuration 2



**150+ recording artist sites**

- Very large and unpredictable authenticated traffic spikes
- High Complexity
- 30-50M Page Views/mo

8 x c1.xlarge Database Server - 20 ECU, 7GB RAM  
 20 x m2.xlarge Web Server - 6.5 ECU, 17.1GB RAM  
 2 x c1.xlarge Load Balancers - 20 ECU, 7GB RAM  
 2 x m1.large Memcache - 4 ECU, 7.5GB RAM

# Scaling your site - onboarding

- Trusted code base
- Content Delivery Network integration
- Agree on load testing methodology and unambiguous metrics
- Onboard code base on infrastructure
- Scaling infrastructure
  - Support for application server load balancing without the need for sticky sessions
  - Support for memcached and other high performance object stores
  - Multiple internal and external caching schemes
  - Support for ESI, extensive OOTB AJAX support
  - Support for read slaves (on Acquia Managed Cloud roadmap, but supported by Drupal)
- Load tests and site audit

# Large content sites on Drupal

- www.examiner.com – 4.2M
- www.economist.com – 1M
- www.popsugar.com – 683K
- www.hollywoodreporter.com  
459K
- www.nationalreview.com – 433K
- www.akavita.org - 334K
- www.people.com - 305K

As Reported by Google

# Security and Compliance

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# Acquia Security Commitment

Acquia: “Your Enterprise guide to Drupal”

Support & Managed Cloud: “We will not let you fail”



Michael Lemire  
Director, Information Security

# Acquia Certification and compliance

- FISMA Moderate
- DIACAP
- FedRAMP
- HIPAA
- ISO 27001
- SAS70/SSAE16
- PCI DSS

<https://www.acquia.com/resources/collateral/secure-compliant-cloud-hosting-government-drupal-sites>

<https://www.acquia.com/collateral/acquia-cloud-security-and-compliance>

# Security in the Drupal Community



- Drupal security team has 35 members
- Regularly published security advisories
- Responsible for Drupal Core and Contrib
- Open Web Application Security Project
  - Top Ten Vulnerabilities: Audited & Passed
- Proof point: [www.whitehouse.gov](http://www.whitehouse.gov)

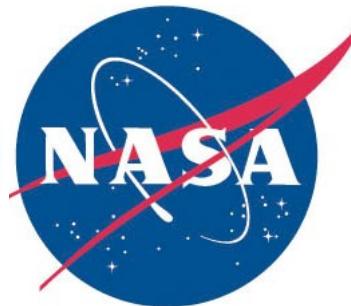
More info: [drupalsecurityreport.org](http://drupalsecurityreport.org)

# Drupal compliance and accreditation

- NIST-FISMA
- DIACAP
- Section 508
- WCAG 2.0 and ATAG 2.0
- WAI-ARIA
- W3C validation (XHTML, HTML5)
- Strong commitment to open web standards

# Infrastructure controls & procedures

- **Physical controls** – Builds on AWS SAS70 Type II control set
- **Logical controls** – Built on AWS and Acquia's process documentation
- Logging and access controls – Built by Acquia, accessible and archivable by customer
- Managed Cloud customers include:



<https://docs.acquia.com/cloud/architecture>