WHAT IS DRUPAL?

Global Drupal Training Day

LAST CALL MEDIA

lastcallmedia.com

allaboard@lastcallmedia.com

@lastcallmedia

Broadening Scope

Reducing Intimidation

Increasing Inclusivity

Removing Barriers to Entry

Involvement Ladder: 10 Steps to NERDSummit

1. Join the community.
2. Join all the NERDs social media places.
3. Submit Session requests.
4. Consider Proposing Sessions.
5. Come to a regular NERDs event.
6. Get someone to sponsor.
7. Tell others to do all those things too.
8. Come to a NERDs planning meeting.
9. Register on the Organizers PM site.
10. Come to the Summit!

NICE TO MEET YOU

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Already Using Drupal?

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Already Using Drupal?
Graphic Designers?

NICE TO MEET YOU

Already Using Drupal?
Graphic Designers?
Web Developers?

NICE TO MEET YOU

Already Using Drupal?
Graphic Designers?
Web Developers?
Web Managers?

TODAY'S EDUCATORS

KELLY MCCABE

Jr. Developer

Behind Kelly's quiet and careful soft-spoken nature is an inherent programming expertise. She is steadfast and capable; her work enthusiastically speaks for itself.

KELLYM@LASTCALLMEDIA.COM

KSM.APW

TODAY'S EDUCATORS

ROB BAYLISS

CTO

As a technology consultant and solutions architect, Rob's consistent pragmatism and technical expertise combine with his confidence and clear communication to make the way forward understandable as well as actionable. An accomplished programmer and marathon runner, Rob systematically achieves success without the BS.

@rbayliss

rob@lastcallmedia.com

rbayliss

TODAY'S EDUCATORS

KELLY ALBRECHT

Founder, CEO

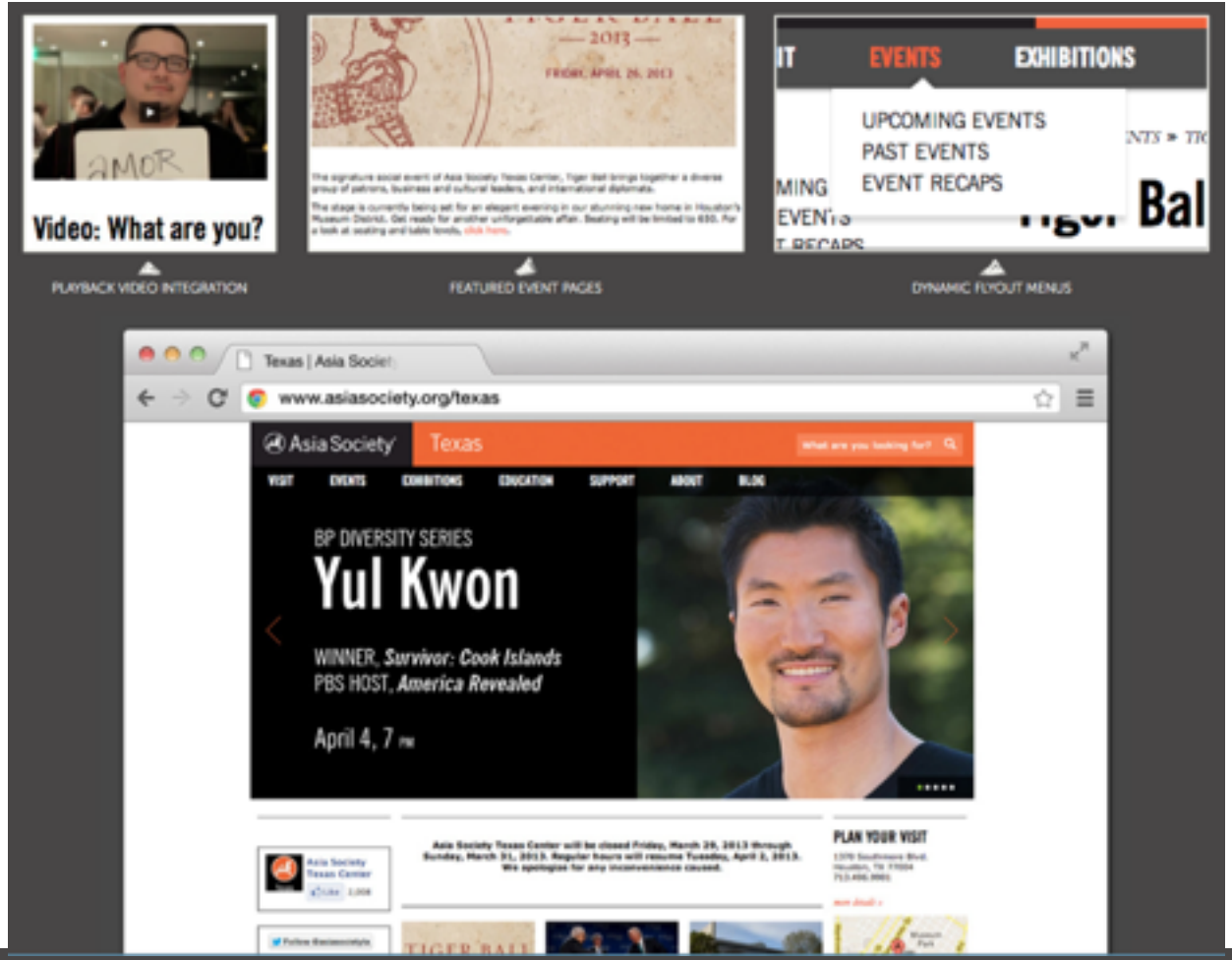
Kelly has lived his life solving complex problems. Influenced by analogous solutions drawn from a philosophical naturalism, he enjoys organizing, building and maintaining sustainable solutions.

ksalbrecht

kelly@lastcallmedia.com

Kelly Albrecht

Alfred University
Red Bull
COMPETITIVE ADVANTAGE
Asia Society
NYSE
Yale UNIVERSITY
CT Fertility
MEDICINE HUNTER
UMASS AMHERST
Coupon Craze
BuildingGreen.com
LEEDuser
FITiST
FIND YOUR BEST
ALL COLLEGE STORAGE
AMHERST COLLEGE
Rainforest Alliance
VERITÉ



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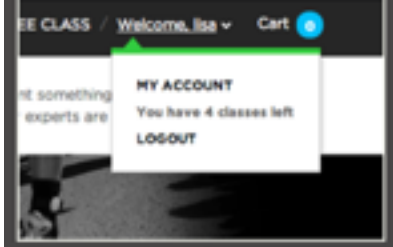
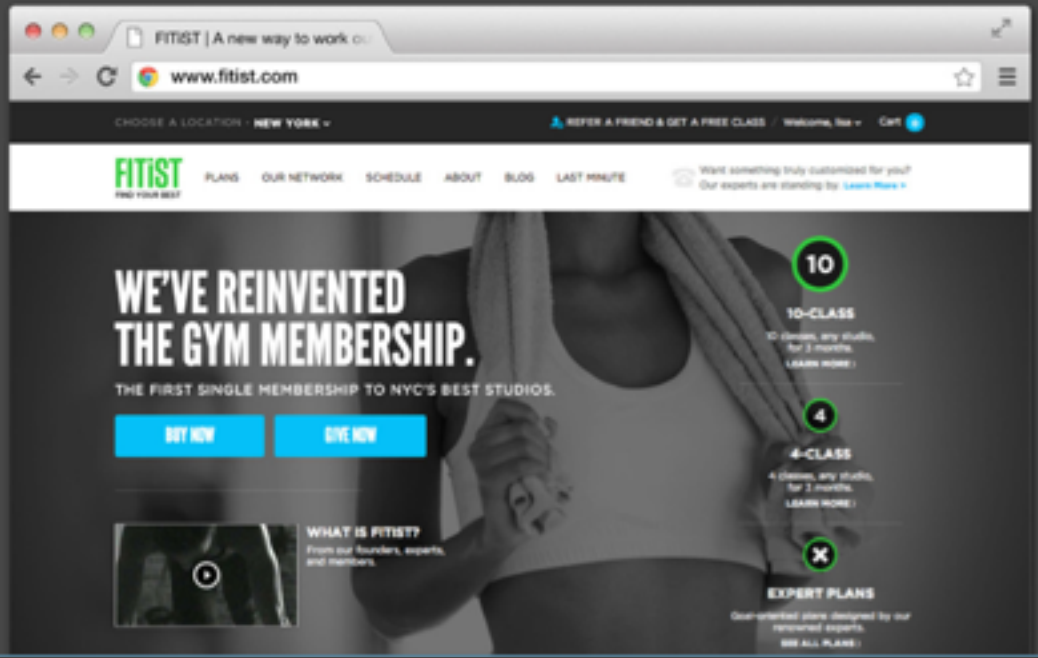


CUSTOM USER DROPDOWN

ACCOUNT PAGE

ONLINE SCHEDULING



LAST CALL MEDIA

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STORY OF DRUPAL

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the wireless bridge

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a means to discuss or share simple things

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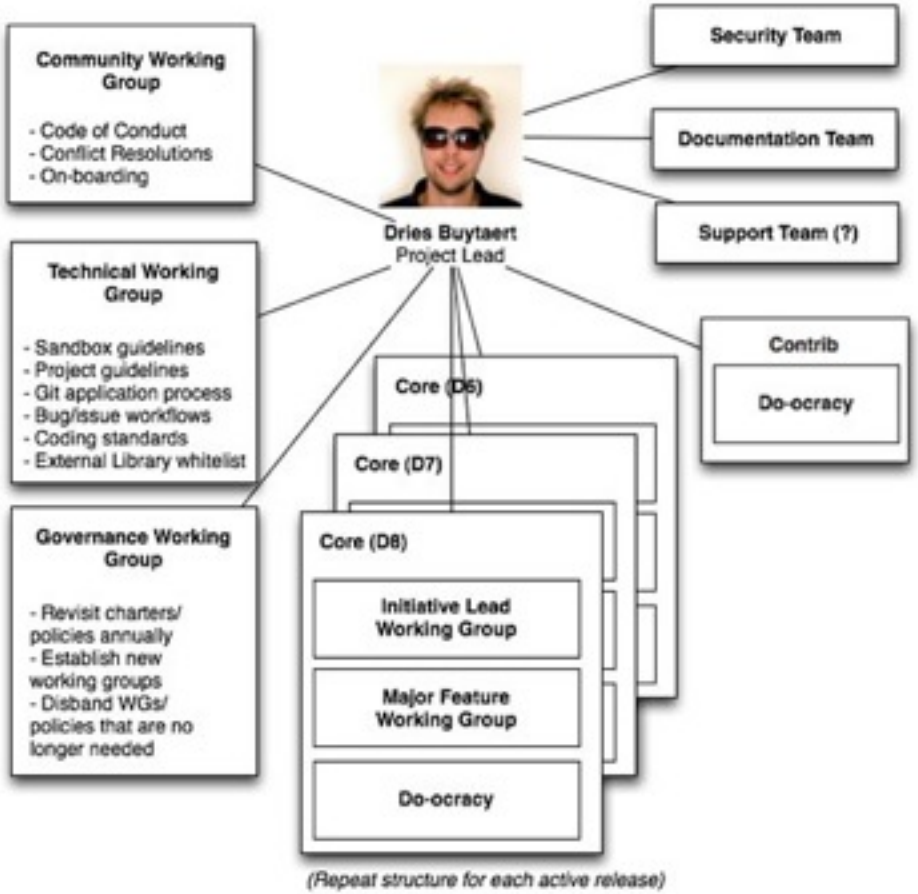
a means to discuss or share simple things
put the internal website online so they could stay in touch
Dries decided to release the software behind the website
to enable others to use and extend the experimentation platform

DO-OCRACY

While our "do-ocracy" model generally works well for our community, it can also lead to situations like "Tyranny of the person with the most time on their hands." We need ways for smart people who can't be on IRC 18 hours a day or read 300+ reply issues to participate and be respected as equals.
-http://buytaert.net/proposal-from-first-drupal-governance-sprint


Community Working Group
- Code of Conduct
- Conflict Resolutions
- On-boarding
Technical Working Group
- Sandbox guidelines
- Project guidelines
- Git application process
- Bug/issue workflows
- Coding standards
- External Library whitelist
Governance Working Group
- Revisit charters/ policies annually
- Establish new working groups
- Disband WGs/ policies that are no longer needed
Dries Buytaert
Project Lead
Security Team
Documentation Team
Support Team (?)
Contrib
Do-ocracy
Core (D6)
Core (D7)
Core (D8)
Initiative Lead Working Group
Major Feature Working Group
Do-ocracy
(Repeat structure for each active release)

THINKING IN DRUPAL

Taking an Idea from Concept to Completion

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PREREQUISITES

This session assumes you have some small start on:

- Webserver basics
- Installing database driven websites

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- ~~Webserver basics~~
- ~~Installing database driven websites~~

PREREQUISITES

This session assumes you have some small start on:

- getpantheon.com
- acquia.com/free

So you've got a Drupal website...

What are you going to do with it?

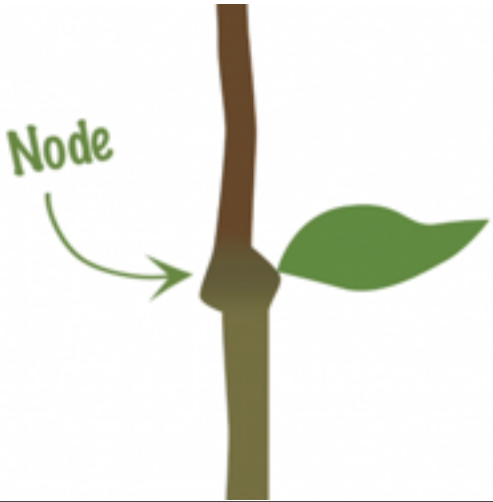
CONCEPT BREAKDOWN

- What will be a node?
- What fields will it have?

WHAT WILL BE A NODE?

: a point at which subsidiary parts originate or center

a Node is "the thing itself"



WHAT FIELDS WILL IT HAVE?

What "subsidiary parts originate or center" on your node?

Think of attributes or properties required by your concept that are associated with each item you've determined to be a node.

THINK OF AN ADDRESS BOOK

If an address book is your concept...

Each entry of a person is a node.

Each phone number, email address, etc is a field to that node.

CONCEPT BREAKDOWN

- How will it be added?
- How will it be displayed?
- How will it be interacted with?

It is possible to configure Drupal for basic concepts without adding anything to it.

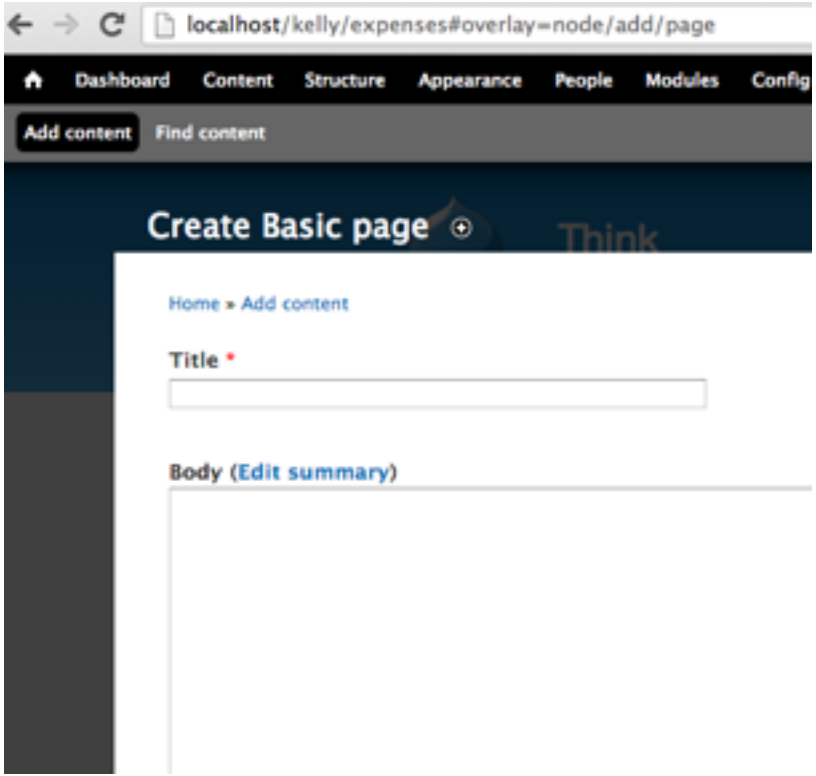
EXAMPLE 1

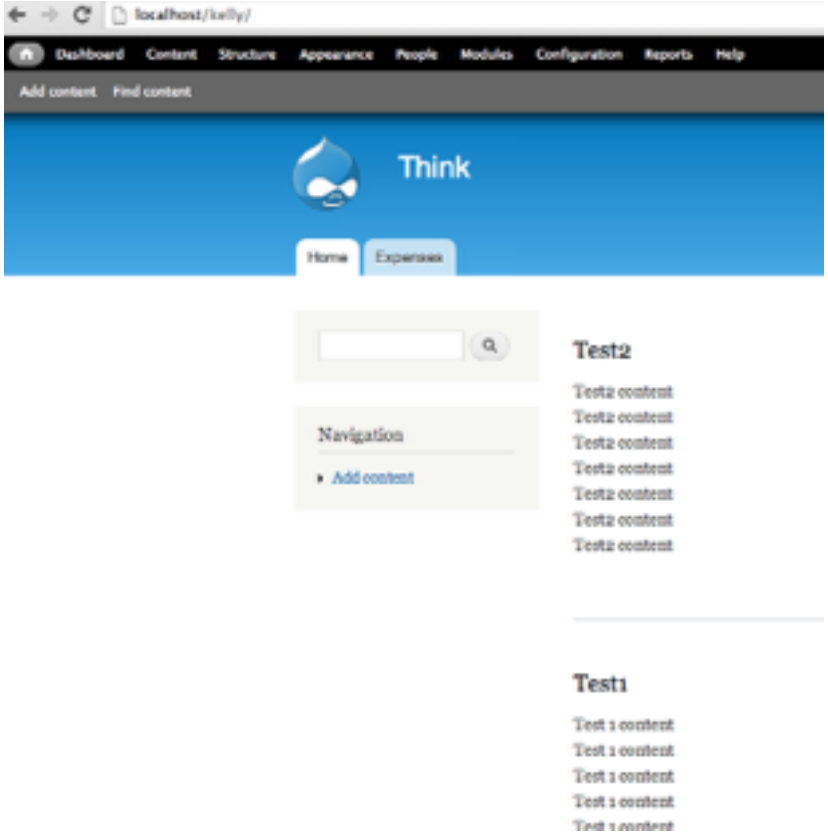
node = basic page
fields = title, body

How will it be:

added: node/add/page
displayed: front page view, on its own
interacted with: click to read more, comment

localhost/kelly/expenses#overlay=node/add
Dashboard
Content
Structure
Appearance
People
Modules
Configuration
Reports
Add content
Find content
Add content
Home
Article
Use articles for time-sensitive content like news, press releases or blog posts.
Basic page
Use basic pages for your static content, such as an 'About us' page.


localhost/kelly/expenses#overlay=node/add/page
Dashboard
Content
Structure
Appearance
People
Modules
Config
Add content
Find content
Create Basic page
Think
Home » Add content
Title *
Body (Edit summary)



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Many times, Drupal needs some help from contributed modules.

What if our concept is a little more off the beaten path?

EXAMPLE 2 - TASK LIST

EXAMPLE 2 - TASK LIST

node = task
fields = assigned to, priority, due date, status, title

How will it be:

added: node/add/task
displayed: viewed in table form
interacted with: edit/update individual items

MODULE RESEARCH

Take your answers and do some research.

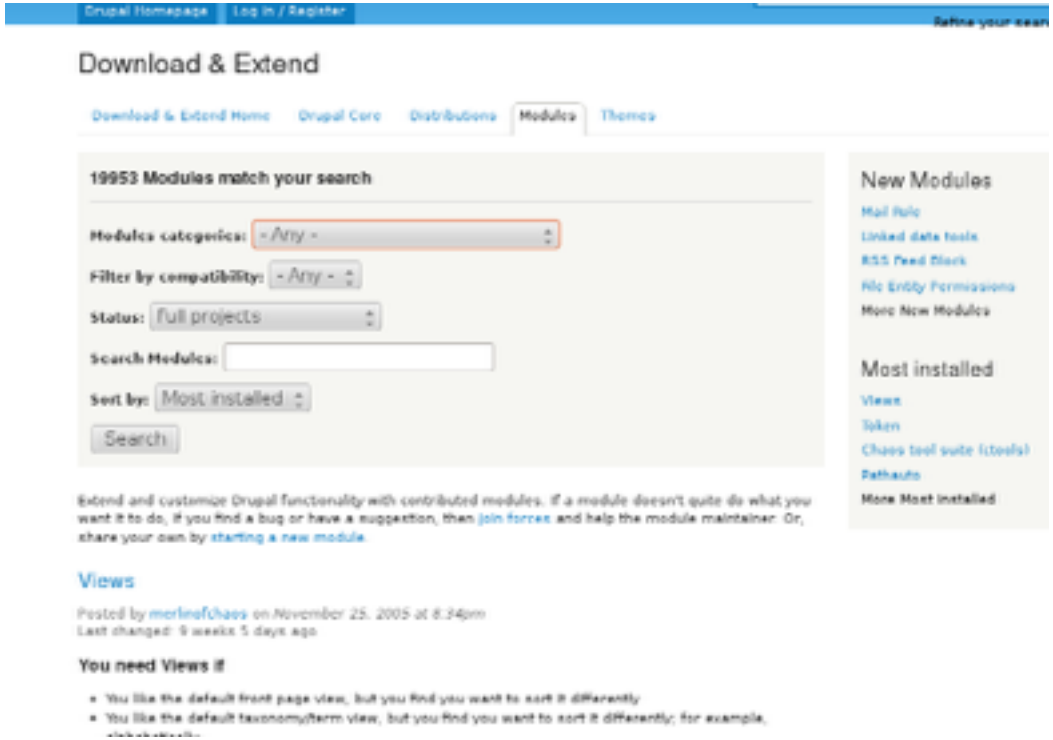
Familiarize yourself with
http://drupal.org/project/modules

MODULE RESEARCH

- Browse often and for fun
- Find tools for current use

Learn about tools for future use

MODULE RESEARCH



/MODULES PAGE

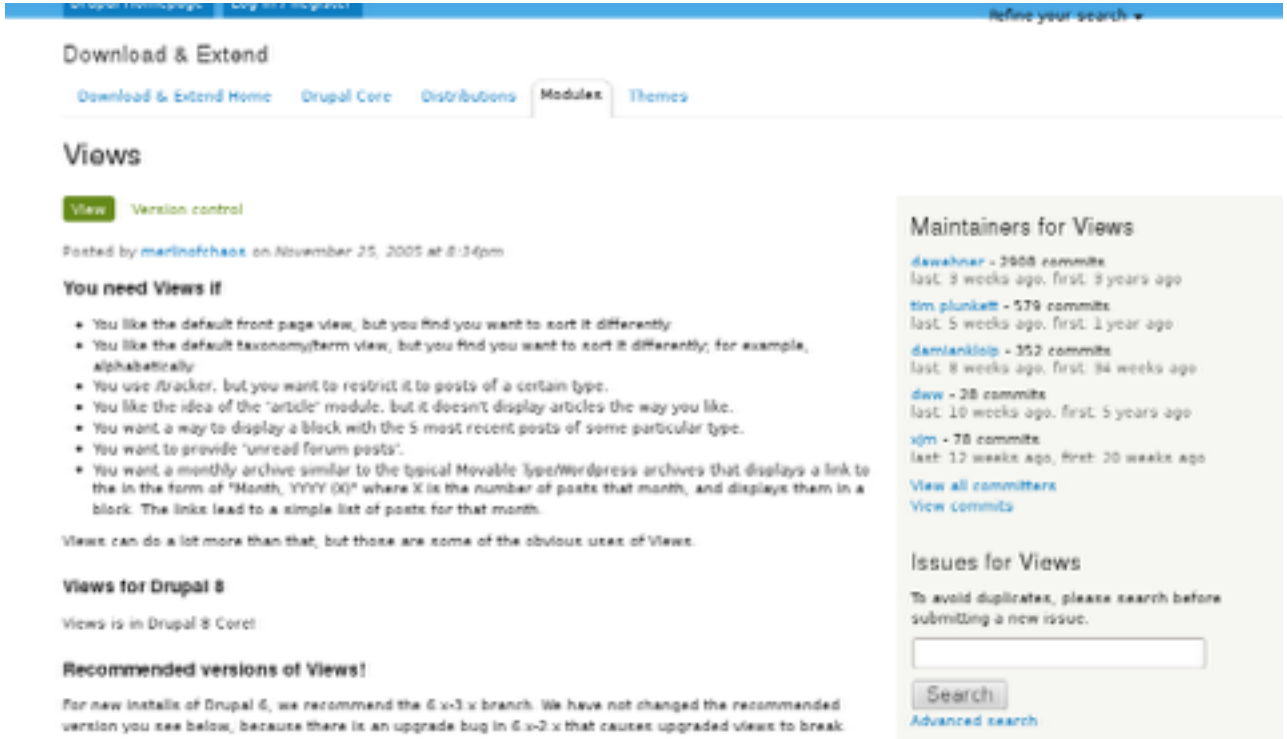
Module categories

Quickly narrow your search

Sort by Most Installed, Last build / Release

Indication of popular, well used and supported, active

MODULE PAGE



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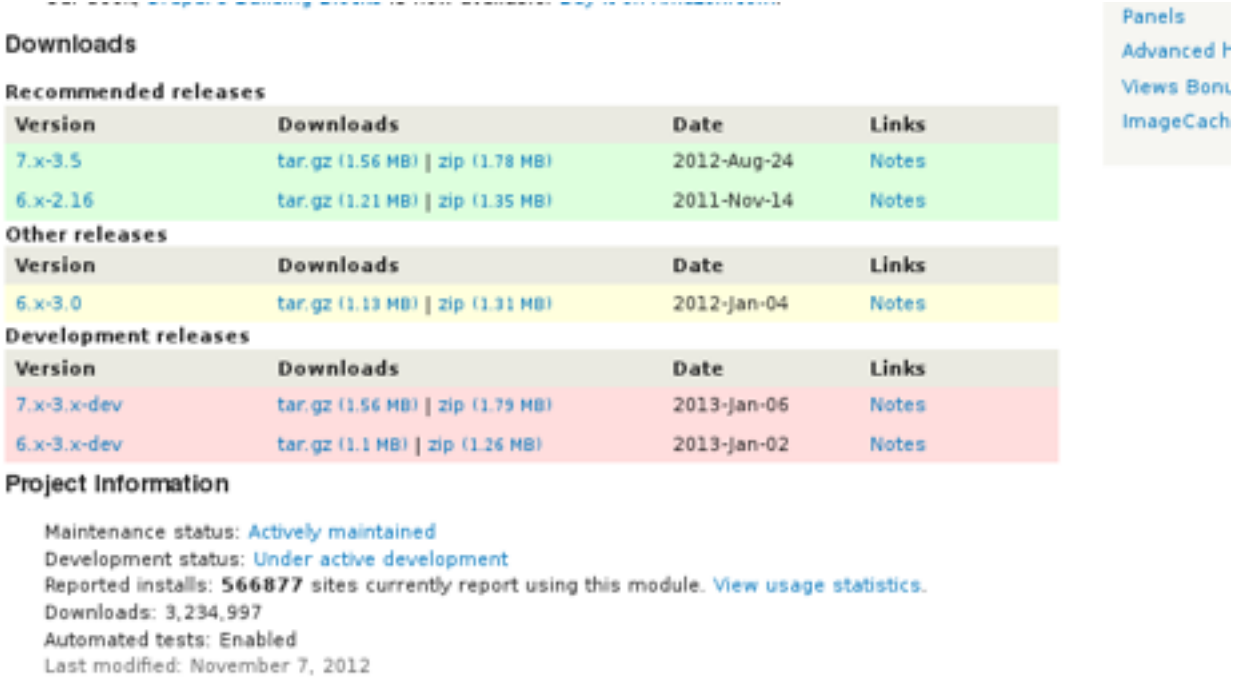
EVALUATING YOUR FINDINGS

Module Page

- Project Description
  - Possibly useful
- Committers
  - Number, Last commit
- Project Information at bottom of page
  - Maintenance Status, Reported Installs
    - High number of installs = lots of eyes on it
- Issue Queue
  - All issues

MODULE PAGE



Panels
Advanced H
Views Bonu
ImageCach

Downloads

Recommended releases

Version	Downloads	Date	Links
7.x-3.5	tar.gz (1.56 MB) | zip (1.78 MB)	2012-Aug-24	Notes
6.x-2.16	tar.gz (1.21 MB) | zip (1.35 MB)	2011-Nov-14	Notes

Other releases

Version	Downloads	Date	Links
6.x-3.0	tar.gz (1.13 MB) | zip (1.31 MB)	2012-Jan-04	Notes

Development releases

Version	Downloads	Date	Links
7.x-3.x-dev	tar.gz (1.56 MB) | zip (1.79 MB)	2013-Jan-06	Notes
6.x-3.x-dev	tar.gz (1.1 MB) | zip (1.26 MB)	2013-Jan-02	Notes

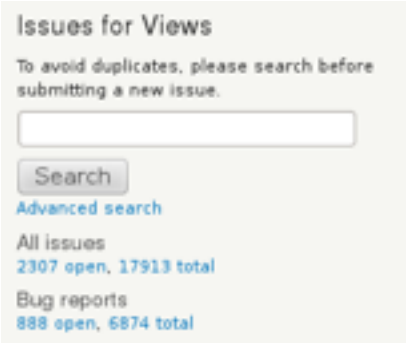
Project Information

Maintenance status: Actively maintained
Development status: Under active development
Reported installs: **566877** sites currently report using this module. View usage statistics.
Downloads: 3,234,997
Automated tests: Enabled
Last modified: November 7, 2012

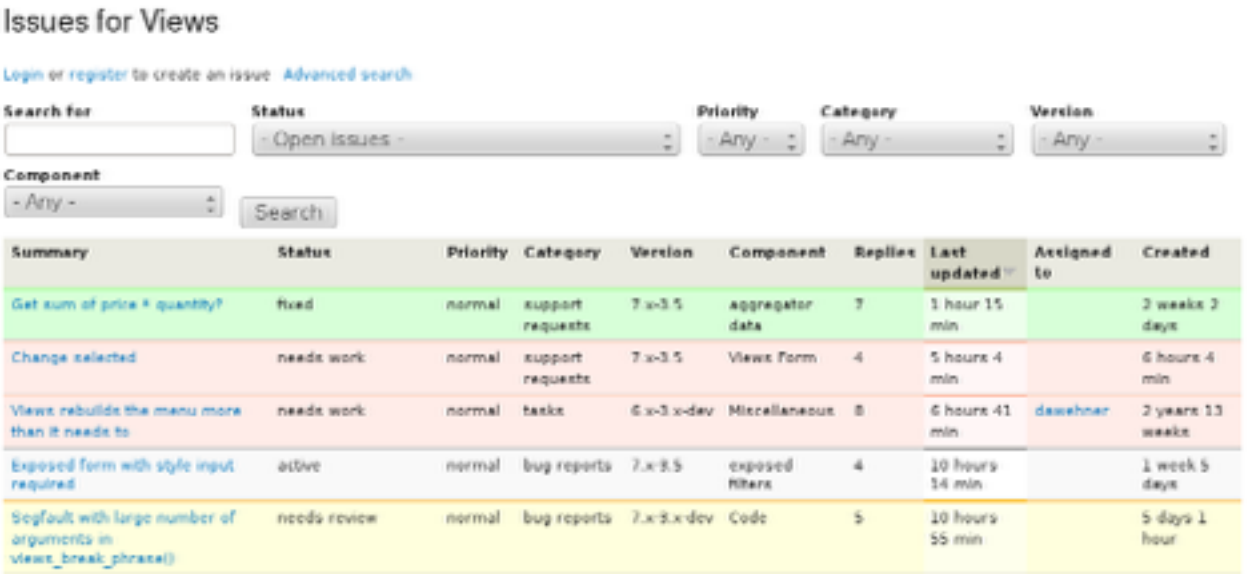
MODULE PAGE

Issue Queue

- Open / Total
  - Ratio
  - # Solved
    - High number = popular, well supported
    - High number of bugs = lots of eyes on it



ISSUE QUEUE



Issues for Views

Login or register to create an issue Advanced search

Search for | Status: - Open issues - | Priority: - Any - | Category: - Any - | Version: - Any -

Component: - Any - Search

Summary	Status	Priority	Category	Version	Component	Replies	Last updated	Assigned to	Created
Get sum of price * quantity?	fixed	normal	support requests	7.x-3.5	aggregator data	7	1 hour 15 min		2 weeks 2 days
Change selected	needs work	normal	support requests	7.x-3.5	Views Form	4	5 hours 4 min		6 hours 4 min
Views rebuilds the menu more than it needs to	needs work	normal	tasks	6.x-3.x-dev	Miscellaneous	8	6 hours 41 min	dawehner	2 years 13 weeks
Exposed form with style input required	active	normal	bug reports	7.x-3.5	exposed filters	4	10 hours 14 min		1 week 5 days
Segfault with large number of arguments in views_break_phrase()	needs review	normal	bug reports	7.x-3.x-dev	Code	5	10 hours 55 min		5 days 1 hour

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ISSUE QUEUE

- Last Updated

Responsivity

- Created / Last Updated
  - Can see old issues being tended to

Should not see same date = unmaintained

EXAMPLE 2 - TASK LIST

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node = task
fields = assigned to, priority, due date, status, title

How will it be:

added: node/add/task
displayed: viewed in table form
interacted with: edit/update individual items

EXAMPLE 2 - TASK LIST

fields = assigned to, priority, due date, status, title

Date
User Reference

EXAMPLE 2 - TASK LIST

displayed: viewed in table form
interacted with: edit/update individual items

Views
VBO - for editing multiple items
Content Access

EXAMPLE 3 - RECIPE

EXAMPLE 3 - RECIPE

node = recipe
fields = ingredients, title

How will it be:

added: node/add/recipe
displayed: viewed as a list of its ingredients, or
as a list for viewing recipes by taxonomy
interacted with: viewed, shared, printed out

EXAMPLE 3 - RECIPE

fields = ingredients, title

taxonomy - comes with Drupal

EXAMPLE 3 - RECIPE

displayed: viewed as a list of its ingredients, or
as a list for viewing recipes by taxonomy
interacted with: viewed, shared, printed out

ShareThis
Print
Views

BONUS EXAMPLE: IMAGE GALLERY

BONUS EXAMPLE: IMAGE GALLERY

Option 1
node = image
fields = title, description, tags, etc
added = node/add/image for each image
display = gallery of images
interacted = click to view next, larger, or own page, hover for more info?

BONUS EXAMPLE: IMAGE GALLERY

Option 1 Pros

- More info per Image
- More info in display
- More freedom in display placement per image
- More interaction options

Option 1 Cons

- More complicated workflow for adding images
- More complicated in display ordering
- Complicated gallery interaction options

BONUS EXAMPLE: IMAGE GALLERY

Option 2
node = gallery
fields = images
added = node/add or edit gallery
add image to a multifield
display = each node is a gallery showing all its image fields
interacted = click to view next, larger

BONUS EXAMPLE: IMAGE GALLERY

Option 2 Pros

- Fast gallery creation
- Easy interface for ordering
- More gallery interaction options

Option 2 Cons

- Less info per Image
- More restriction in display placement per image
- Fewer interaction options

BONUS EXAMPLE: IMAGE GALLERY

Comparison

Option 1	Option 2
node = image	node = gallery

What you choose to be your node determines the pros you will enjoy and the cons you will need to overcome in completing your concept.

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