WordPress can do that?



Who am I?

- Wharton Computing member
- Writer
- Been blogging for 12 years
- Hawaiian shirt enthusiast



I wrote a freaking book!





Stalk me

- smcnulty@wharton.upenn.edu
- Twitter: @blankbaby
- http://blog.blankbaby.com





Want a blog?





Want a CMS?





WordPress ≠ Blog



Yes, this is real. Available on Amazon for \$900: http://tinyurl.com/39jrg5a



What we're covering

- Some sites using WordPress
- Quick look at WordPress 3.2
- Custom Post Types
- Custom Taxonomies
- Custom Menus
- Must have plugins
- User Roles
- Security



What we aren't covering

- PHP Hacking
- Creating plugins
- Custom themes

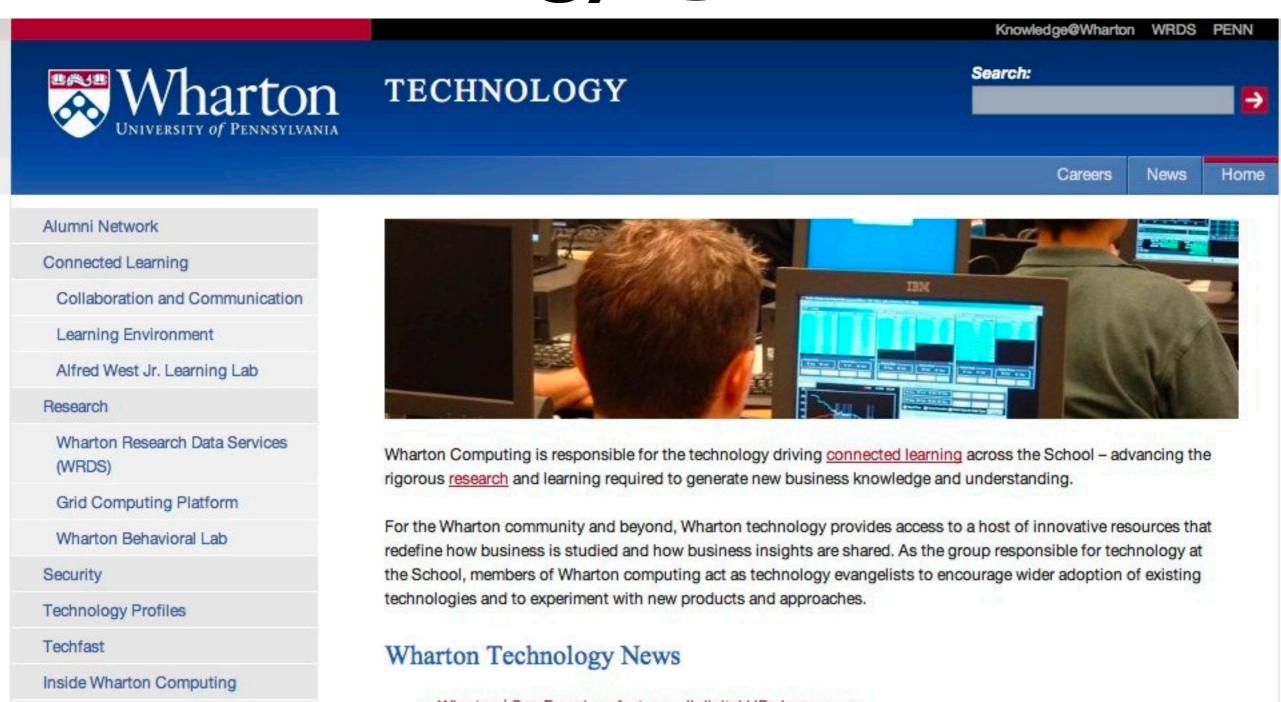


Example WordPress Sites





Technology@Wharton



http://technology.wharton.upenn.edu



Beacon



Welcome to Beacon!

By itself, Beacon isn't much. Rather, it's a platform for the Wharton community to use to share with the internet at large. It aims to be simple to use and reliable, so that people can focus on their message, and not the delivery mechanism.



RECENT ENTRIES

On Becoming WHOLE ... - Jul. 12, 2011

WordPress 3.2 - Jul. 12, 2011

Wharton | San Francisco features all digital HD classrooms - Jul. 08, 2011

What Is Your Favorite Use for the iPad? - Jun. 23, 2011

What is your favorite use for the iPad? - Jun. 23, 2011

Outlook Quick Steps - Jun. 23, 2011

Microsoft Office Ribbon Intro - Jun. 17, 2011

Why you should come to the Wharton Web

Conference - Jun. 17, 2011

Problem Steps Recorder - Jun. 16, 2011

Snipping Tool - Jun. 16, 2011

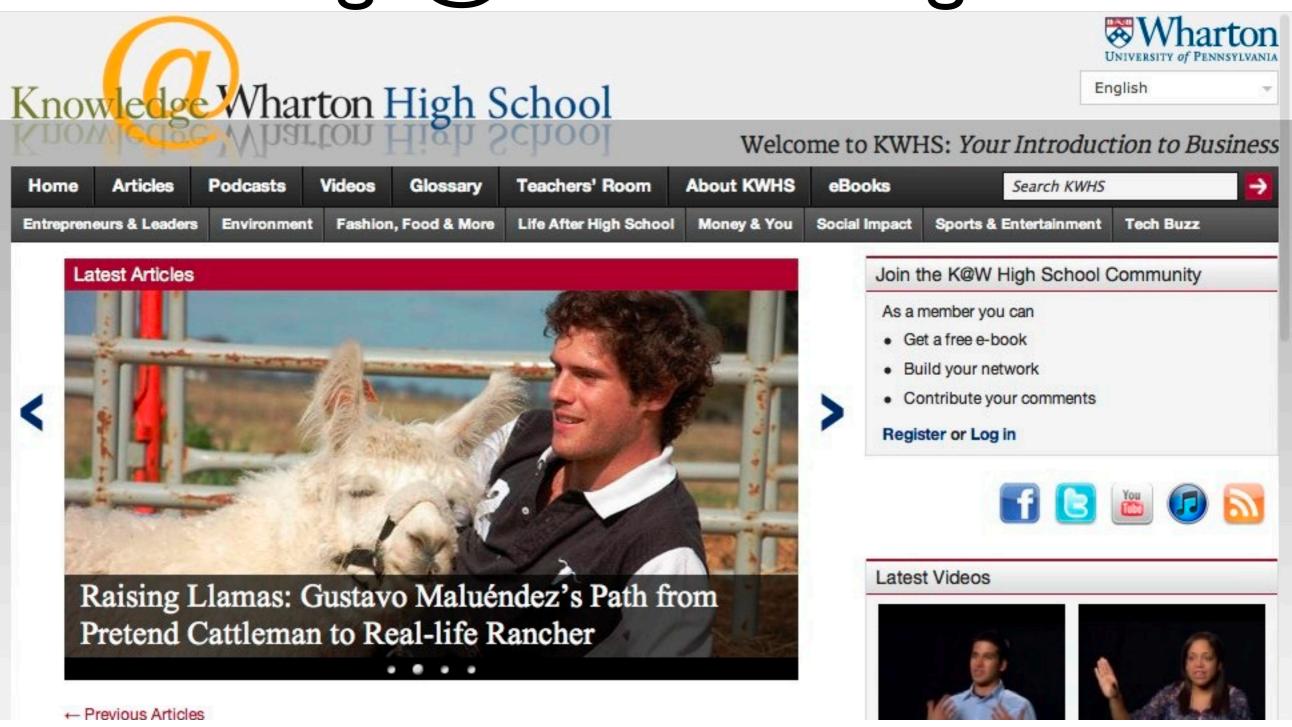
Taskbar and Start Menu Review - Jun. 16, 2011

Selecting Text with Mouse *Quickly* - Jun. 16, 2011

http://beacon.wharton.upenn.edu



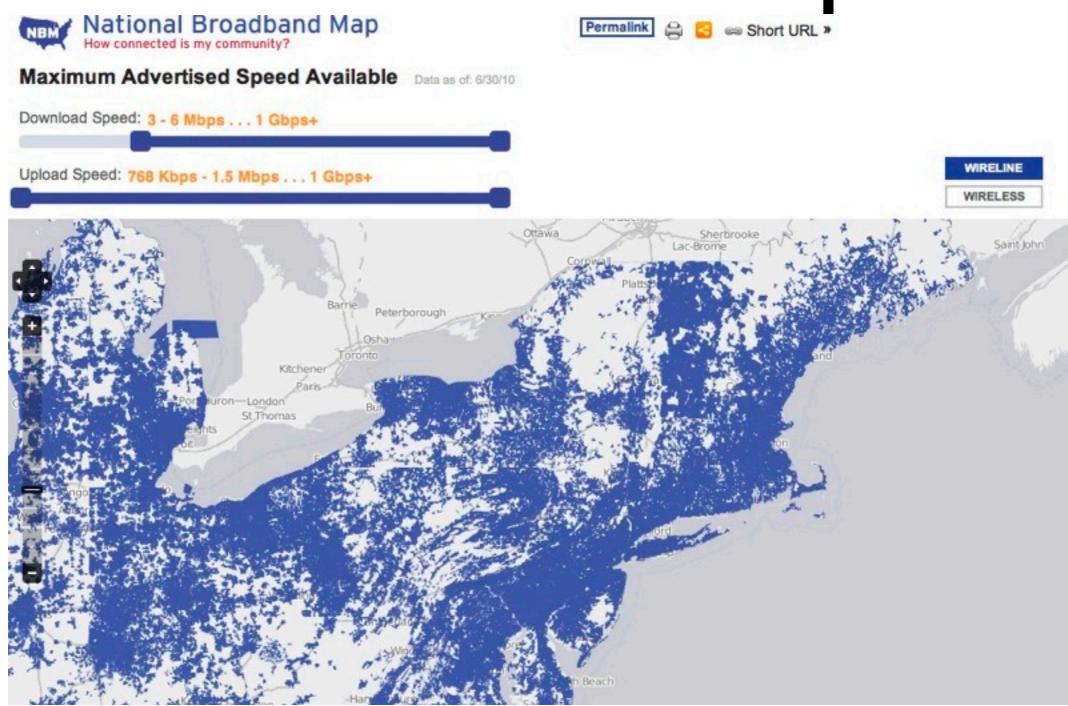
Knowledge@Wharton High School



http://kwhs.wharton.upenn.edu/



Broadband Map



http://www.broadbandmap.gov/



Bangor Daily News



http://bangordailynews.com/



XXL Magazine



BANGERS

More Bangers

FEATURES

More Features



Fred The Godson "She Call Me

Lil Wayne: Time is Money



The Notorious B.I.G. Performs With Live Band on

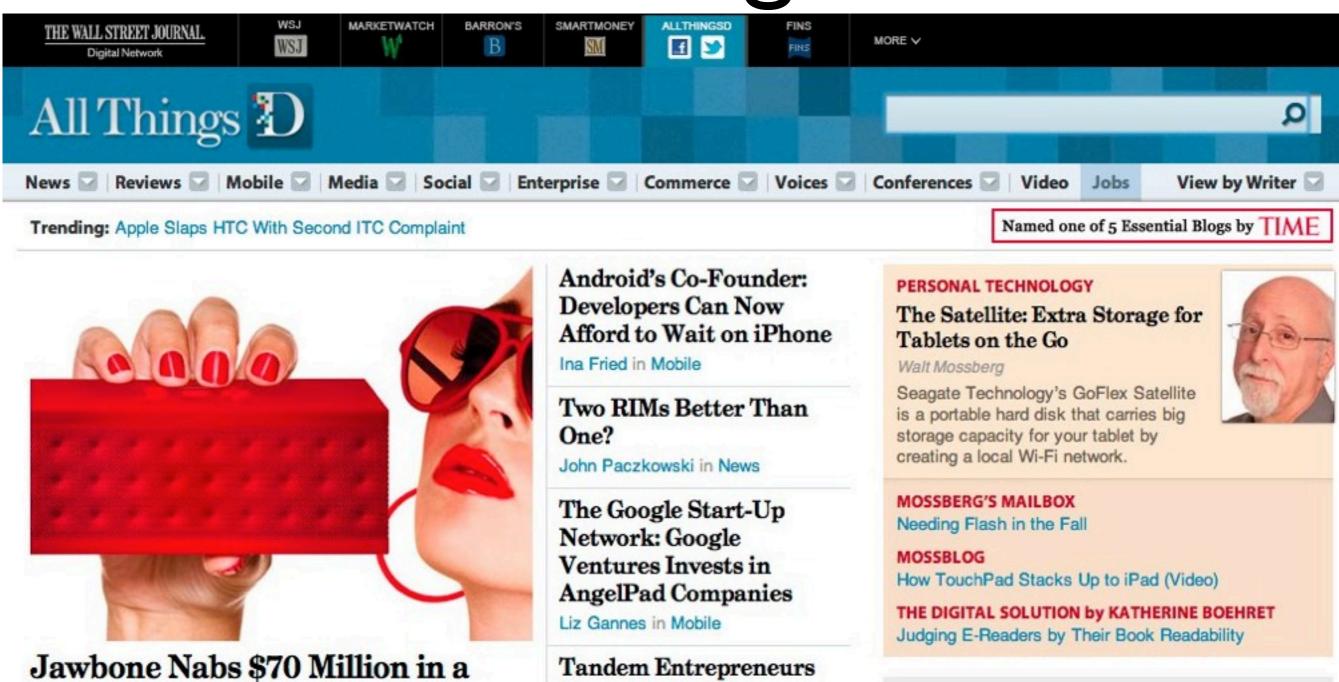
Jon Stewart Show [Video]

http://www.xxlmag.com/



f t 4 3

All Things D



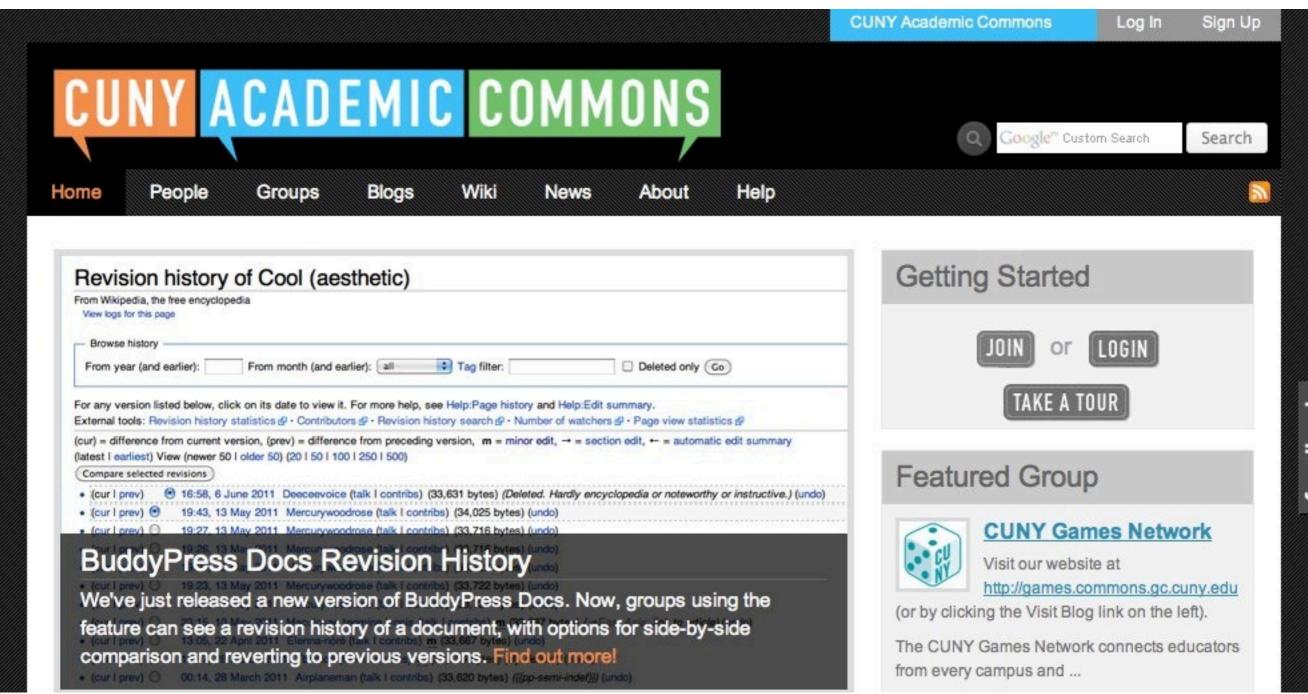
http://www.allthingsd.com

Opens the Anti-Y



mad Daw of Evendin

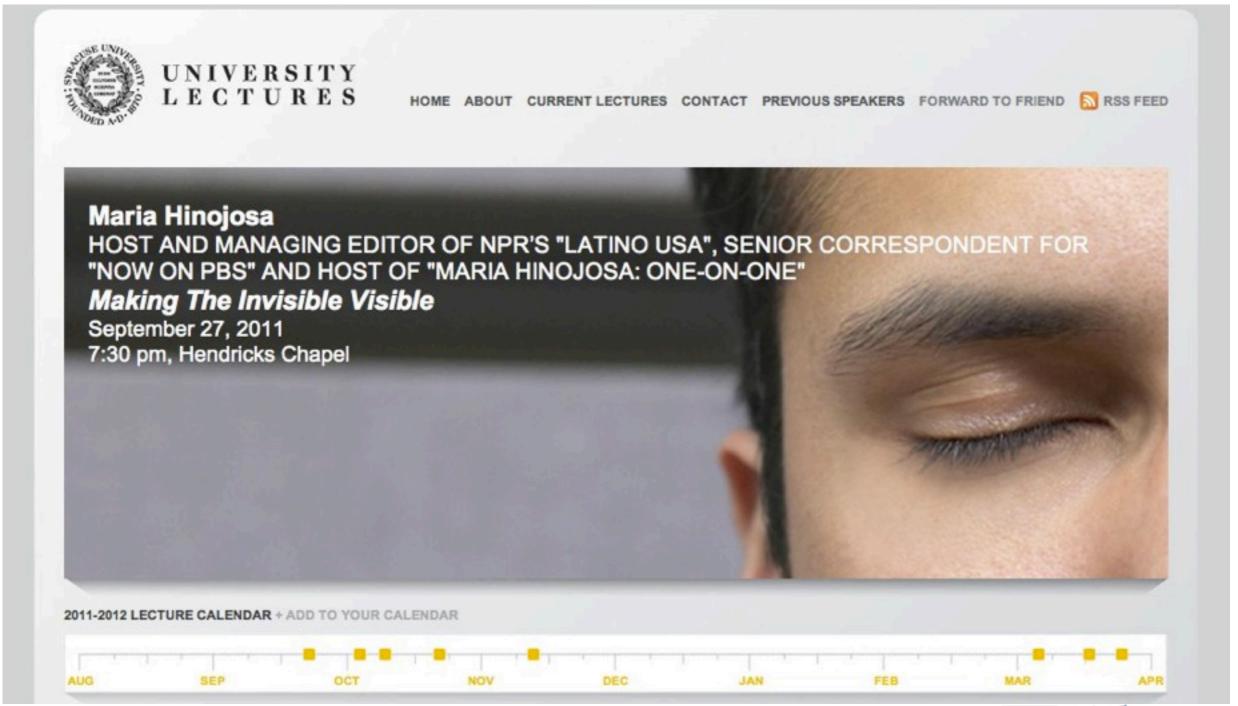
CUNY Digital Commons



http://commons.gc.cuny.edu/



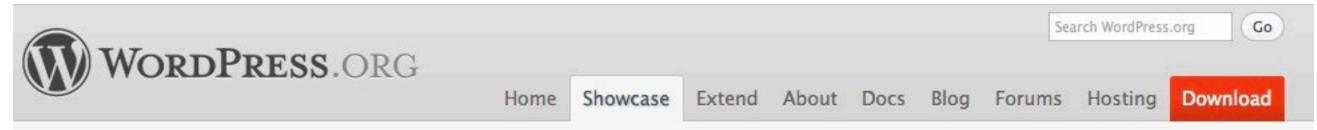
Syracuse Lecture Series



http://lectures.syr.edu/



WordPress Showcase



Showcase



Popular Tags

CMS (151)

People (95)

Business (69)

Technology (62)

Education (56)

Celebrities (51)

College (50)

Music (45)

Innovative (36)

Featured Sites



ILiveWithADisability.com

ILiveWithADisability.com is a social networking website out to give everyone the tools, ability and network to love themselves.

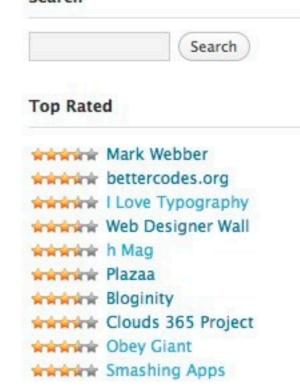
By providing the community a



GigaOM Pro

GigaOM Pro is a WordPress/BuddyPresspowered premium research membership site, focused on four initial verticals: Mobile, Green IT. Infrastructure, and the

Search



http://wordpress.org/showcase/



WordPress 3.2

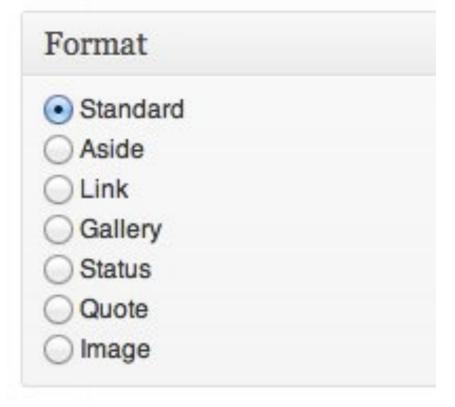
- "Gershwin"
- Released July 4, 2011
- Faster & Lighter





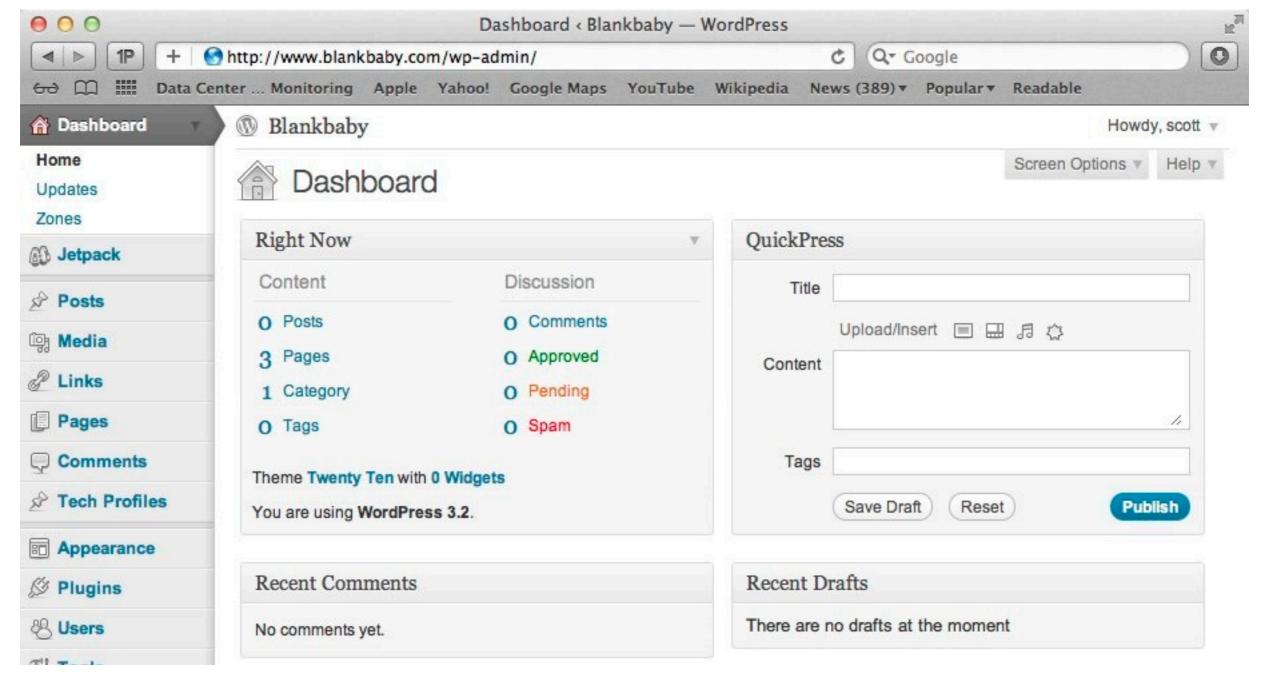
Post Formats

- Ok, introduced in 3.1
- Custom formats are not supported
- Impacts the way content is displayed
- Support varies per theme
- 9 formats (Video & Chat not listed to the right)
- Inspired by Tumblr

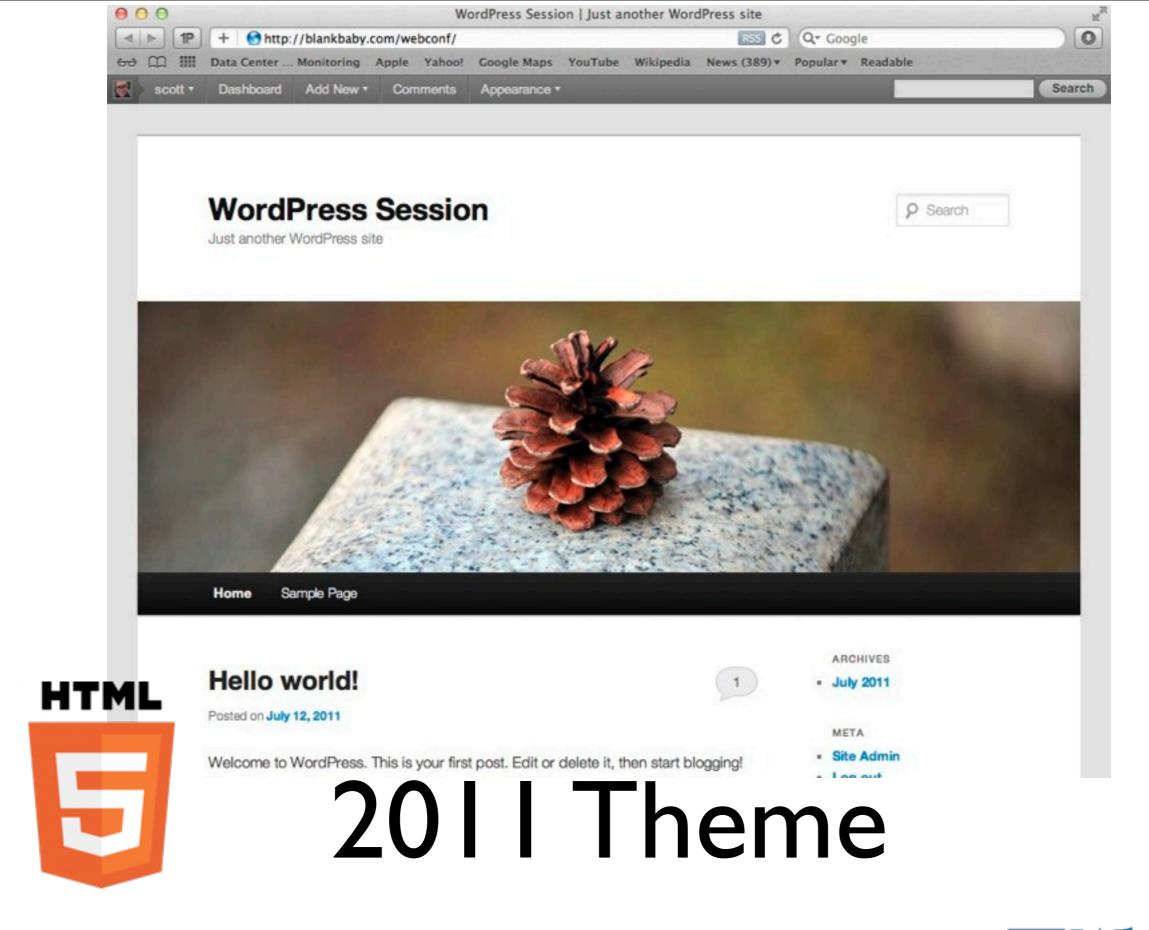




New Dashboard

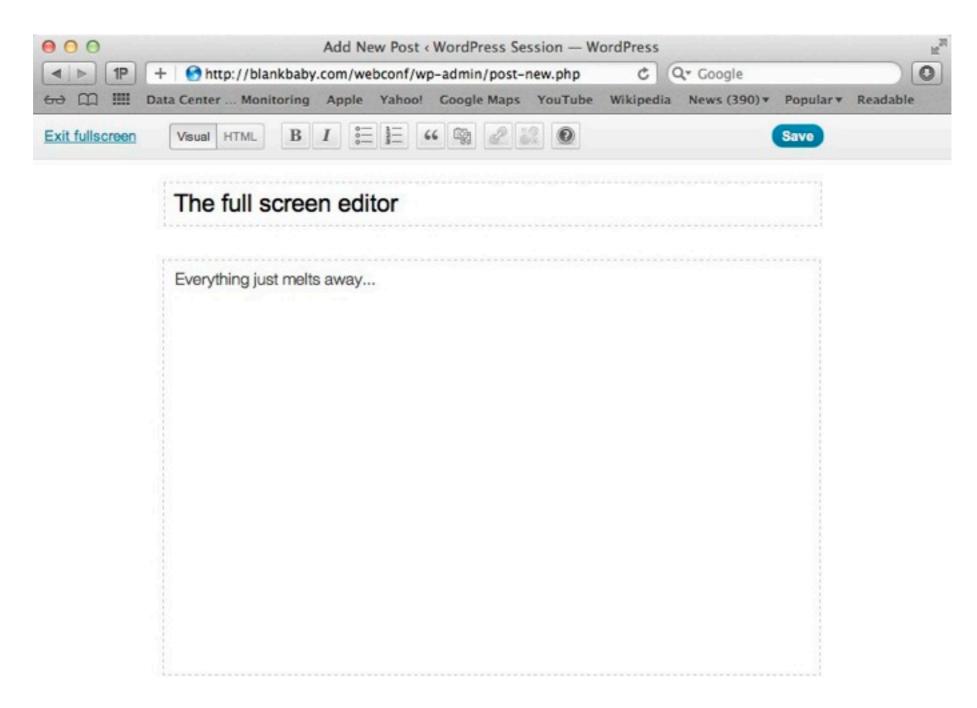






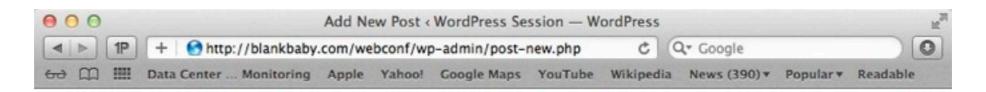


Full Screen Editor





Full Screen Editor

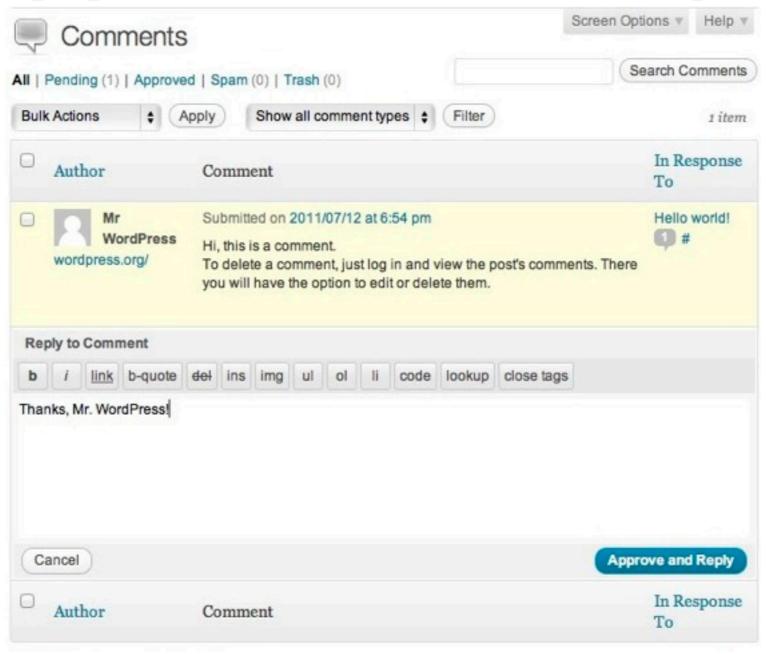


The full screen editor

Everything just melts away...



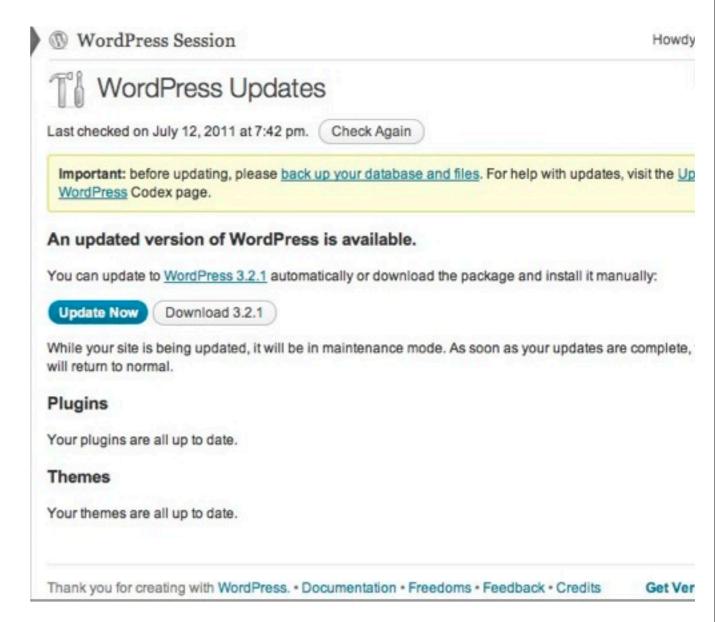
Approve and Reply





Faster Updates

Downloads changed files only.





Drops Support for IE6 & PHP4

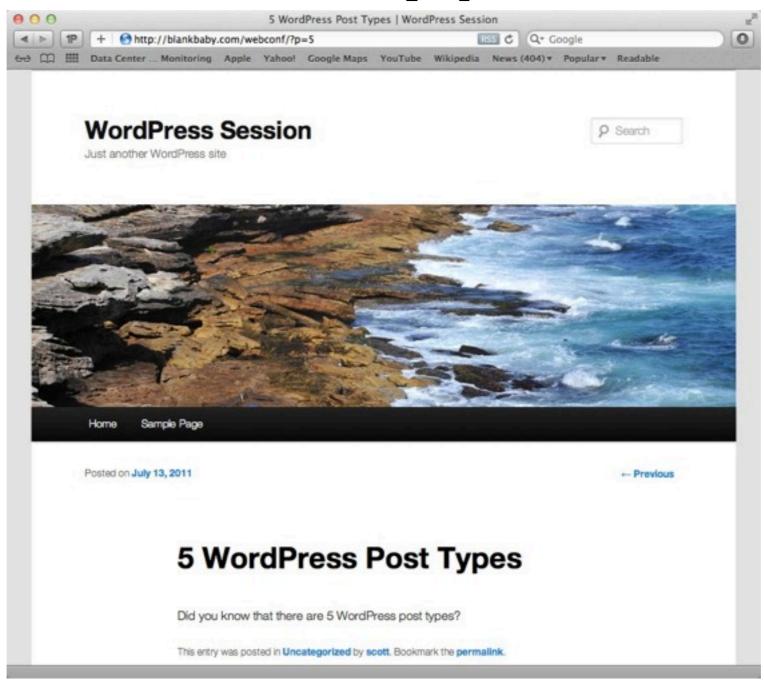




We have the technology



Post Types





Post

- Traditional components of a blog
- Chronological
- Can have a title, author, body, categories/tags, and comments

5 WordPress Post Types

Posted on July 13, 2011

Did you know that there are 5 WordPress post types?

Posted in Uncategorized | Leave a reply

Hello world!

Posted on July 12, 2011

Welcome to WordPress. This is your first post. Edit or delete it, tl blogging!

Posted in Uncategorized | Leave a reply



Page

- Non-chronological
- URLs based off main URL
- Can use special templates
- Can be hierarchical

WordPress Session

P Search

Just another WordPress site



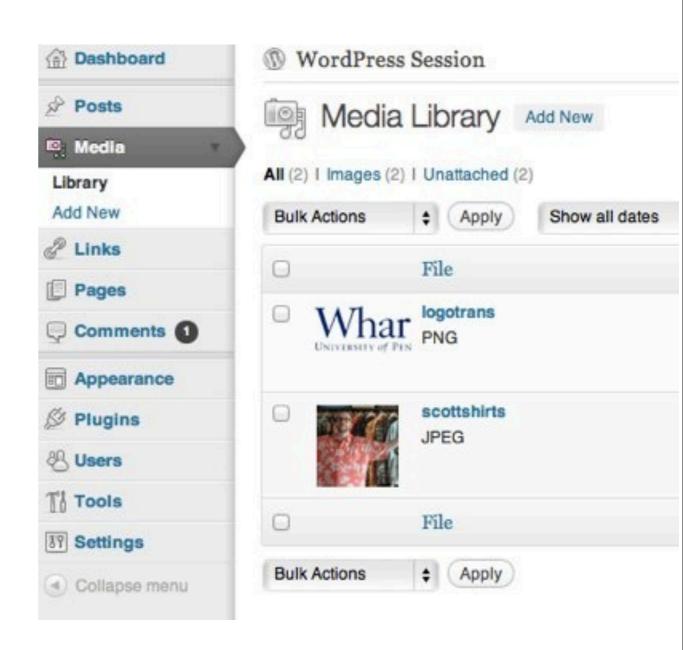
Presentation

Here you'll be able to find a copy of my presentation to the Wharton Web Conference 2011 (once I finish writing it, of coursel).



Attachment

- Holds all info for uploaded files
- Image entries include EXIF info and thumbnails





Revisions

- Revisions of current posts/pages
- Drafts

Revisions

26 May, 2011 @ 15:16 by Scott McNulty 26 May, 2011 @ 15:12 by Scott McNulty



Nav Menus

- Not about content for your blog
- Navigation menu entries
- Custom menu entries





What if five isn't enough?

- Post
- Page
- Attachment
- Revisions
- Nav Menus



Custom Post Types

- Really Custom Content Types
- Won't show up in your site's main RSS
- Can be used for a variety of things



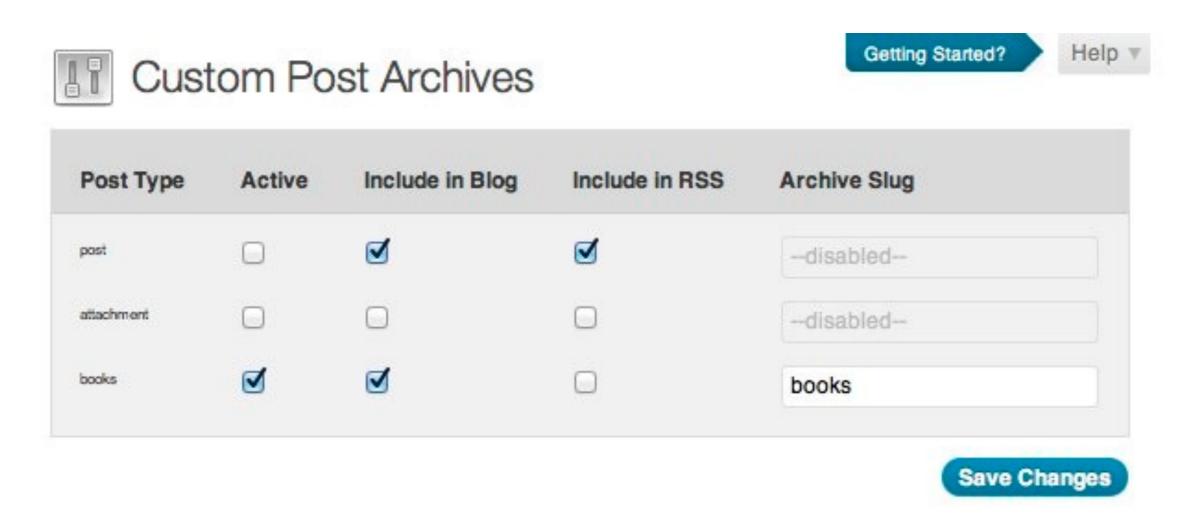


Plugin

WordPress Session				
Create New Custom Post Type or Taxonomy · Reset				
9-			tions below only fill out the Taxonomy	
and Label fields and check which	h meta boxes to support. The other settings	Name and Post Type Name fie	elds. The other settings are set to the	
Post Type	? (e.g. movies)	Taxonomy Name *		
Name *			? (e.g. actors)	
Label	? (e.g. Movies)	Label		
		Laber	? (e.g. Actors)	
Singular	? (e.g. Movie)		((o.g. rollors)	
Label		Singular Label		
Description			? (e.g. Actor)	
		Attach to Past Type	☐ Posts	
		Attach to Post Type	Pages	
	- A		Books	
7				
Advanced Label	Options · Advanced Options	Advanced Label Options - Advanced Options		
Create Custom Post Type		Create Custom Taxonomy)	
Custom Post Type UI v0.7 - Please	Beport Bugs - Follow on Twitter: Brad - Plus	ninize · WDS		
	If you are unfamiliar with the opti and Label fields and check which are set to the most common default are set to the most common default are set. Post Type Name * Label Singular Label Description ? Advanced Label Create Custom Post Type	Create New Custom Post Type or Taxon If you are unfamiliar with the options below only fill out the Post Type Name and Label fields and check which meta boxes to support. The other settings are set to the most common defaults for custom post types. Post Type	If you are unfamiliar with the options below only fill out the Post Type Name and Label fields and check which meta boxes to support. The other settings are set to the most common defaults for custom post types. Post Type Pos	

http://wordpress.org/extend/plugins/custom-post-type-ui/

Custom Post Archive



http://wordpress.org/extend/plugins/custom-post-archives/



DEMO



Taxonomies





Category

- Predefined
- Hierarchical
- Base URL: category/ name

Taxonomies, what are they good for?

Taxonomies are interesting beasts. You use them all the time, without realizing it.

Basically, a taxonomy is any system that allows you to group like things with other like things.

This entry was posted in Category, Taxonomies and tagged Example, Tags by scott. Bookmark the permalink.



Tag

- Ad Hoc
- Non-Hierarchical
- Base URL: tag/name

Taxonomies, what are they good for?

Taxonomies are interesting beasts. You use them all the time, without realizing it.

Basically, a taxonomy is any system that allows you to group like things with other like things.

This entry was posted in **Category**, **Taxonomies** and tagged **Example**, **Tags** by **scott**. Bookmark the **permalink**.



Link Category

- Organizes links
- Often shown on sidebars

ME

- About me
- My blog
- Twitter

PHILADELPHIA

- Apartment 2024
- Philly.com
- Technology@Wharton

WORDPRESS

- Documentation
- Support Forum
- WordPress Blog



Custom Taxonomies

- Can be applied to default post types and custom post types
- Hierarchical or not (it is up to you!)
- Allows you to create groups relevant to your content



DEMO



Display Custom Taxonomies

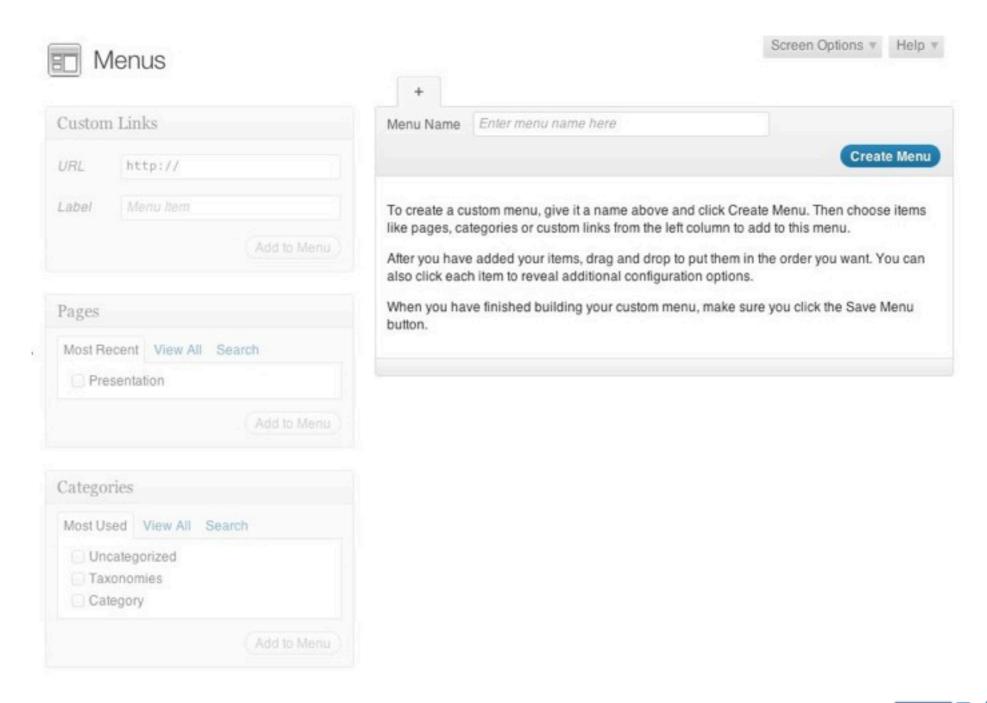
http://codex.wordpress.org/Function_Reference/ get_the_term_list



DEMO



Custom Menus





Some useful Plugins



http://wordpress.org/extend/plugins/



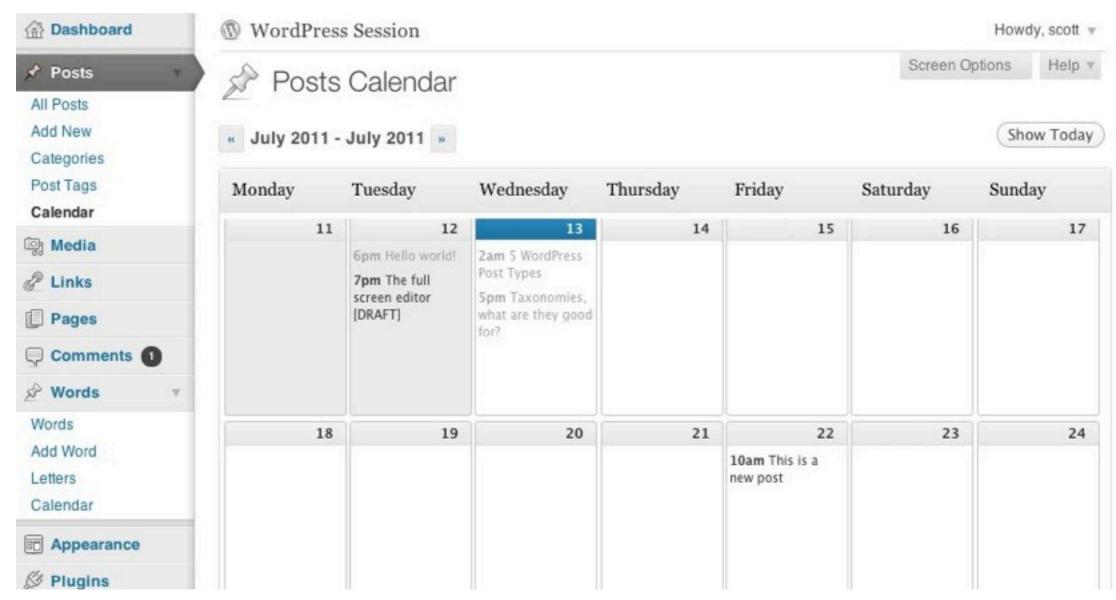
Custom Post Type List Widget

Shorten Long Titles Title: Post Type: book \$	
Post Type:	
book 🛊	
Count:	
All posts \$	
Sort Order:	
Menu Order \$	
Format:	
Unordered List 💠	
Vidget logic	
Delete I Close	Save

http://wordpress.org/extend/plugins/custom-post-type-list-widget/



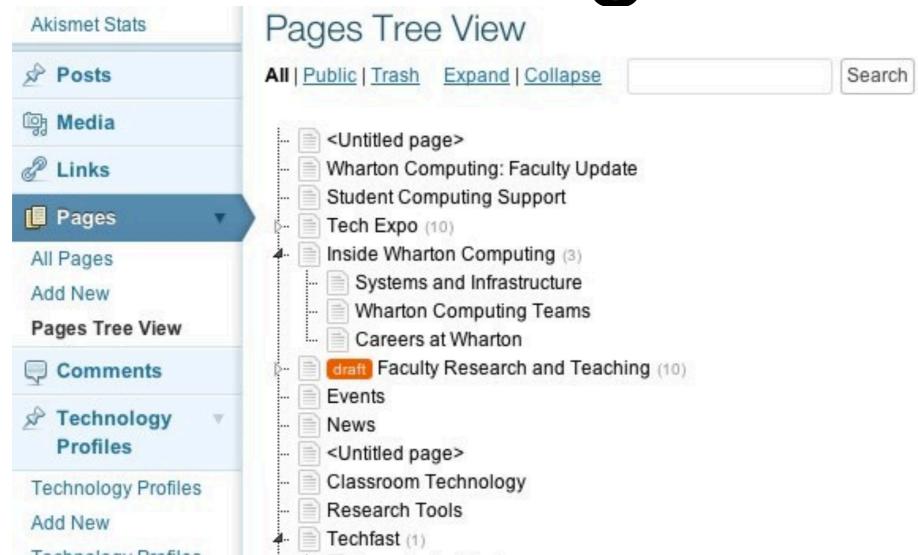
Editorial Calendar



http://wordpress.org/extend/plugins/editorial-calendar/



CMS Tree Page View

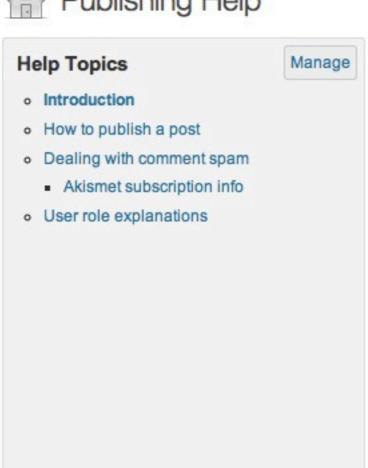


http://wordpress.org/extend/plugins/cms-tree-page-view/



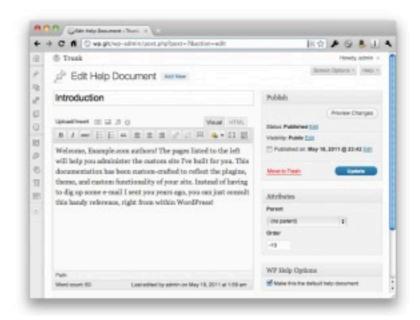
WP Help





Introduction

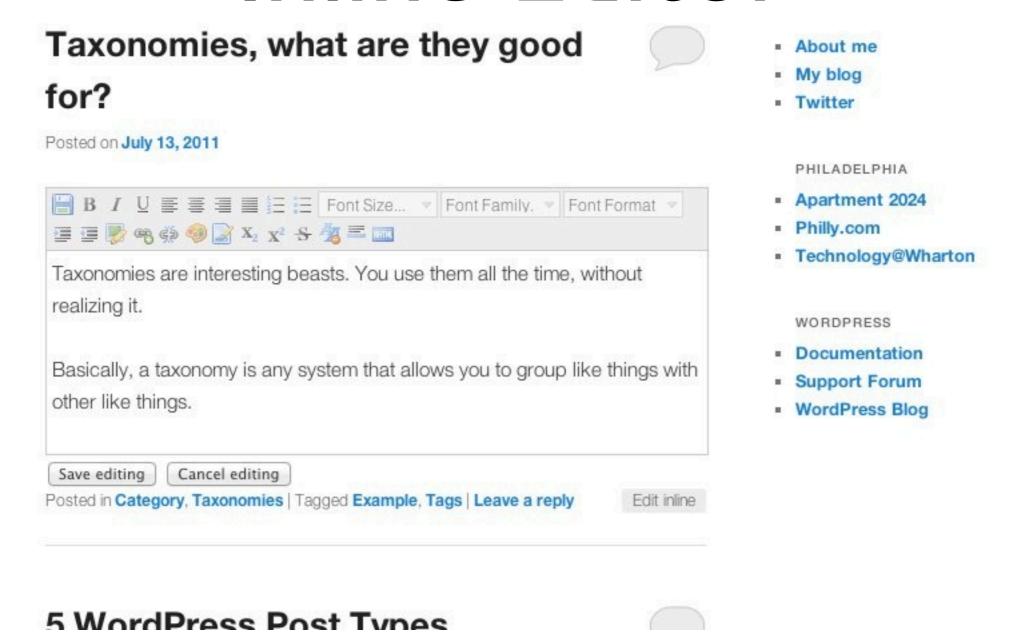
Welcome, Example.com authors! The pages listed to the left will help you administer the custom site I've built for you. This documentation has been custom-crafted to reflect the plugins, theme, and custom functionality of your site. Instead of having to dig up some e-mail I sent you years ago, you can just consult this handy reference, right from within WordPress!



http://wordpress.org/extend/plugins/wp-help/



Inline Editor



http://wordpress.org/extend/plugins/inline-editor/



White Label CMS

White Label CMS Settings

For a detailed explanation of the plugin please refer to the help tab.

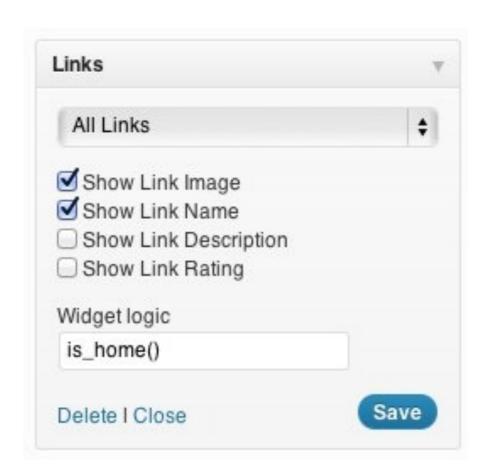
Please Note: Custom logo images should be uploaded to the current theme /images/ directory.



http://wordpress.org/extend/plugins/white-label-cms/



Conditional Widgets



http://wordpress.org/extend/plugins/widget-logic/



Docs to WordPress



http://wordpress.org/extend/plugins/docs-to-wordpress/



User Roles

- Subscriber
- Contributor
- Author
- Editor
- Administrator
- Super Admin



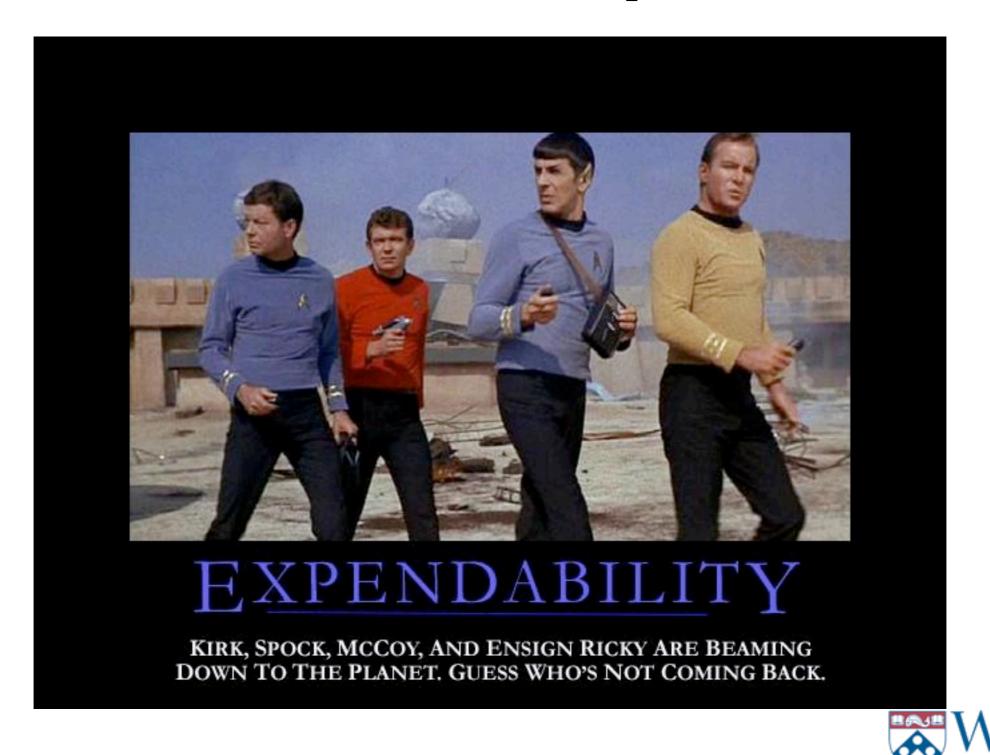
Custom Roles

role created.					
pabilities for	Tester				Capability Manager
					Plugin Homepage
Activateplugins	Addusers	Createusers	Delete others	Deleteothers	Documentation
piugiris	users	users	pages	posts	Support Forum
					Author Homepage
Delete	☐ Delete	Delete	Delete	Delete	Donate to project
pages	plugins	posts	private pages	private	
			r-9		Select New Role
Delete	Delete	Delete	Delete	☐ Edit	(T
published pages	published	themes	users	dashboard	Tester
F-3					(Change)
Edit files	☐ Edit	☐ Edit	☐ Edit	☐ Edit	
	others pages	others	pages	plugins	Create New Role
Edit posts	☐ Edit	Edit	■ Edit	■ Edit	Create
	private	private	published	published	Cieale

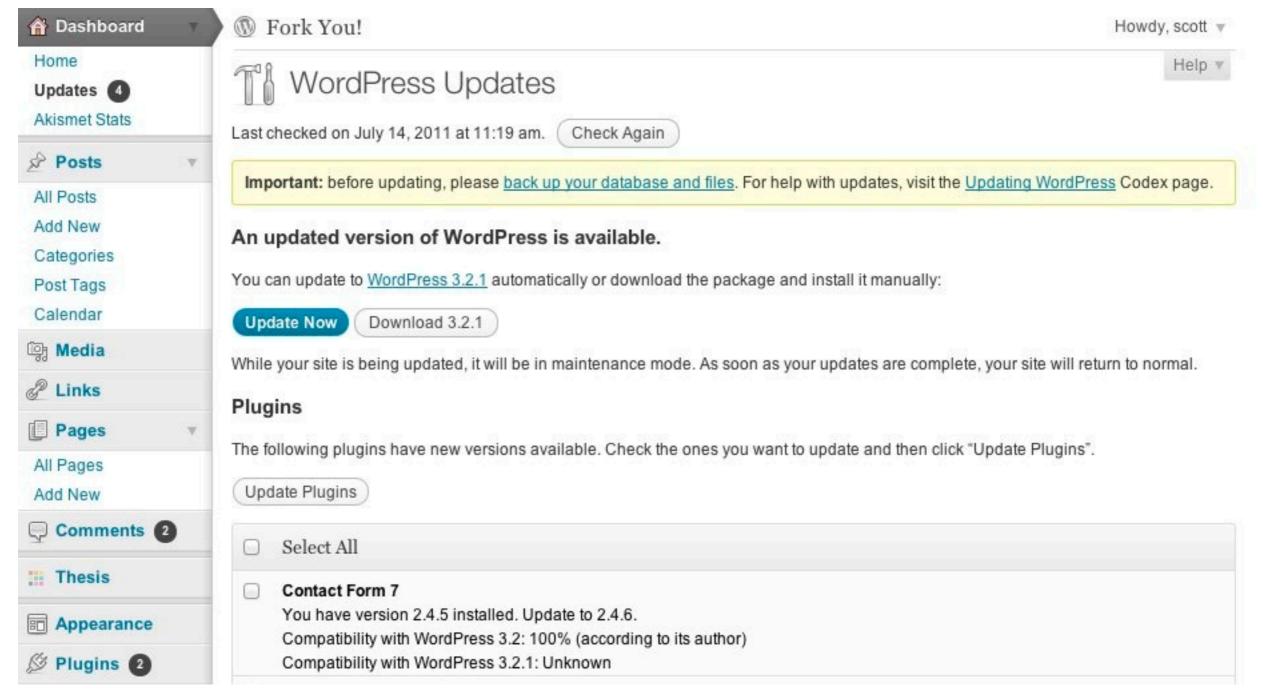
http://wordpress.org/extend/plugins/capsman/



Security

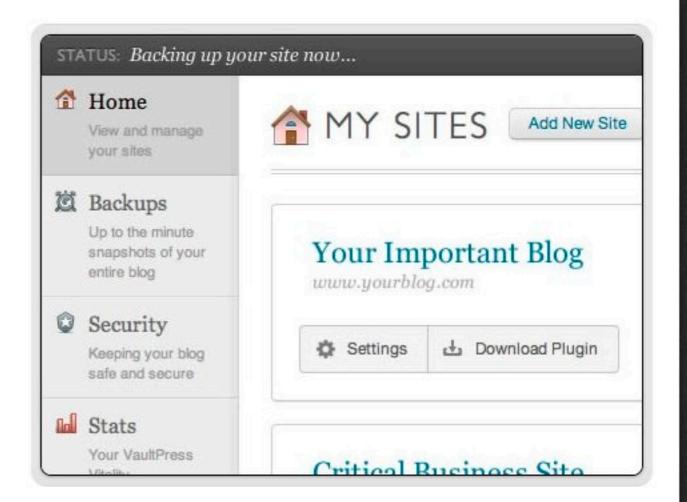


Keep up to date



VaultPress

Welcome, Marisa. View Your Dashboard or Log Out VaultPress The world's best WordPress security, backup, and support. Sign me up!



TESTIMONIALS

HOME FEATURES

http://vaultpress.com/



PLANS & PRICING

VaultPress

- Plans start at \$15
- Requires a Wordpress.com account

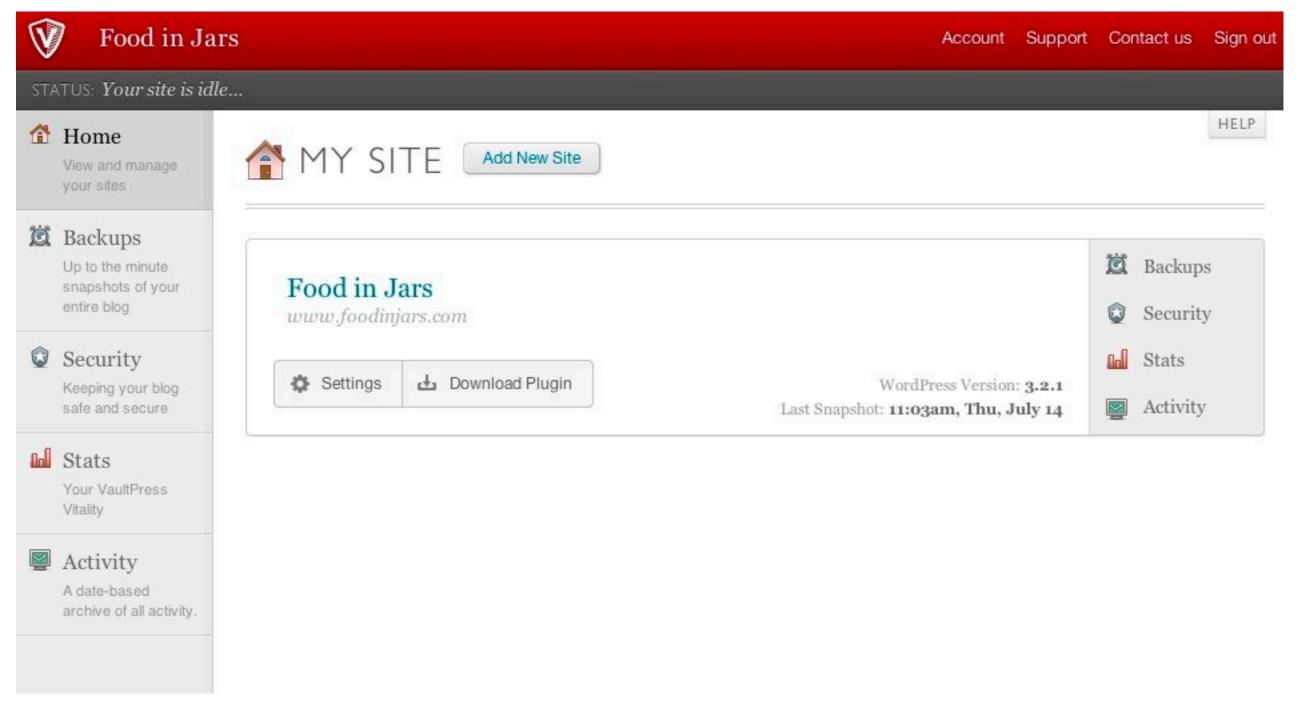


The world's best WordPress security, backup, and support.

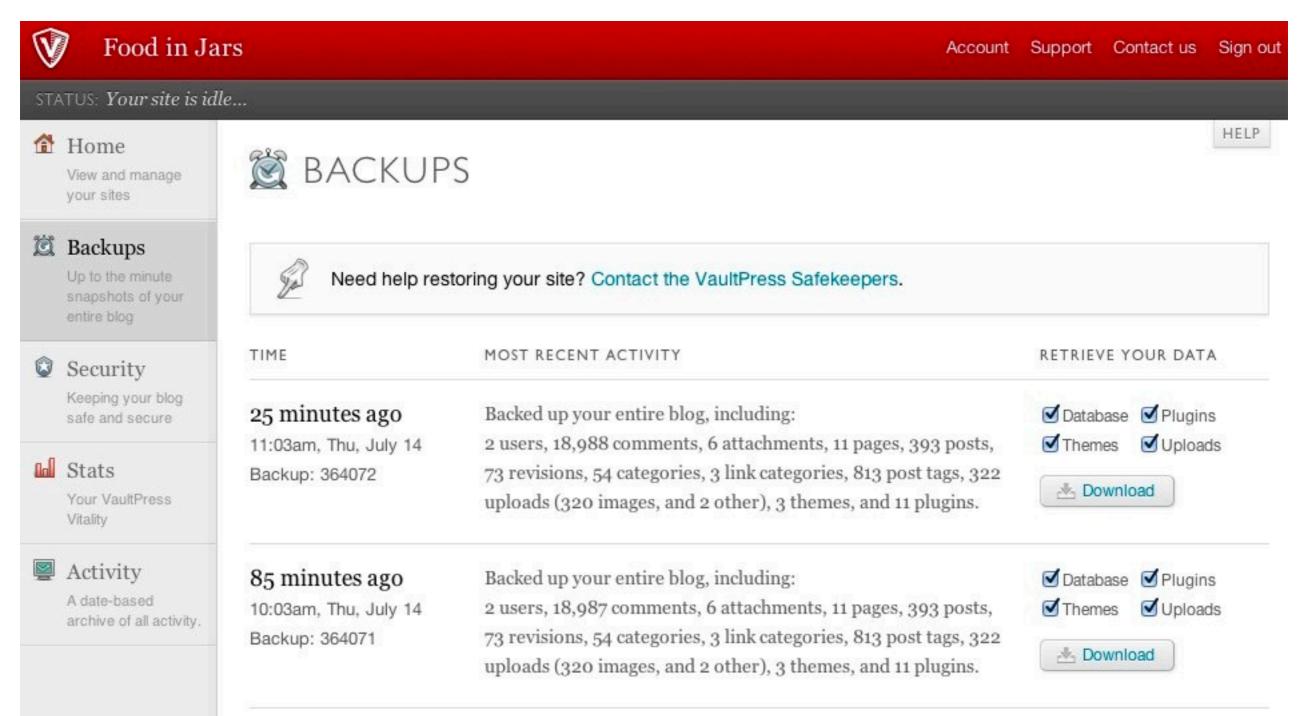
VaultPress Plugin



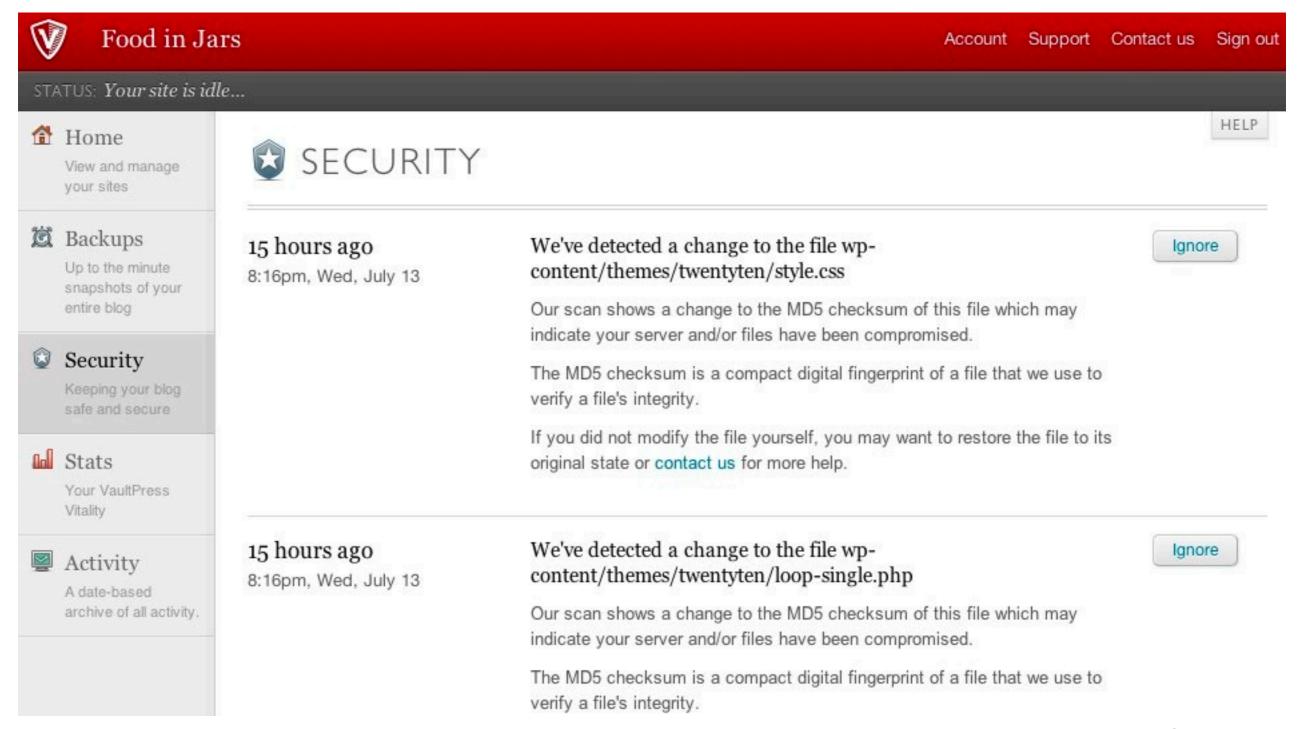




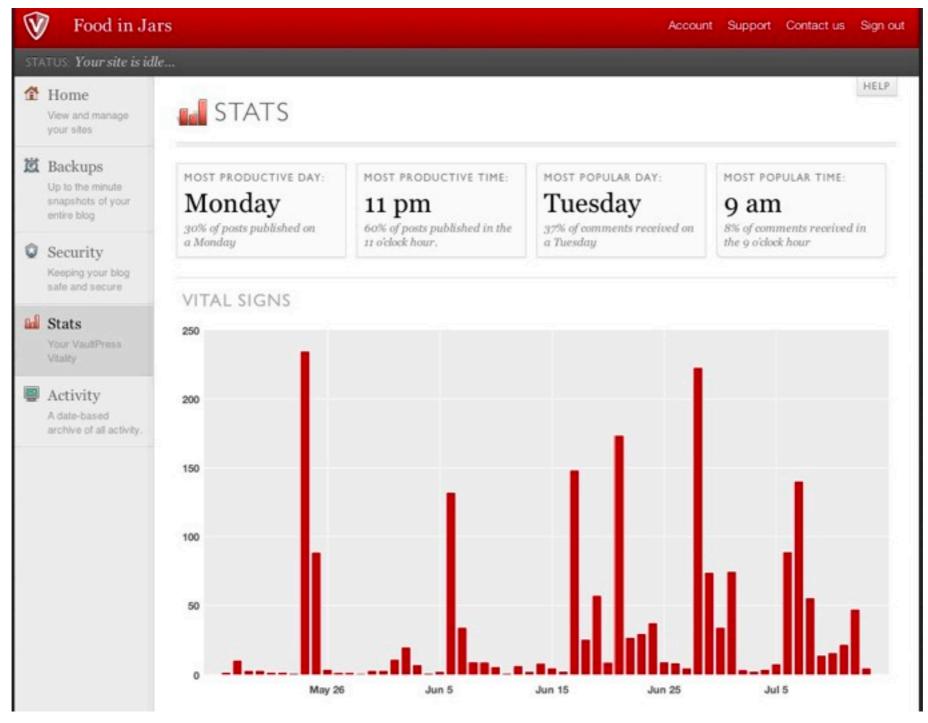




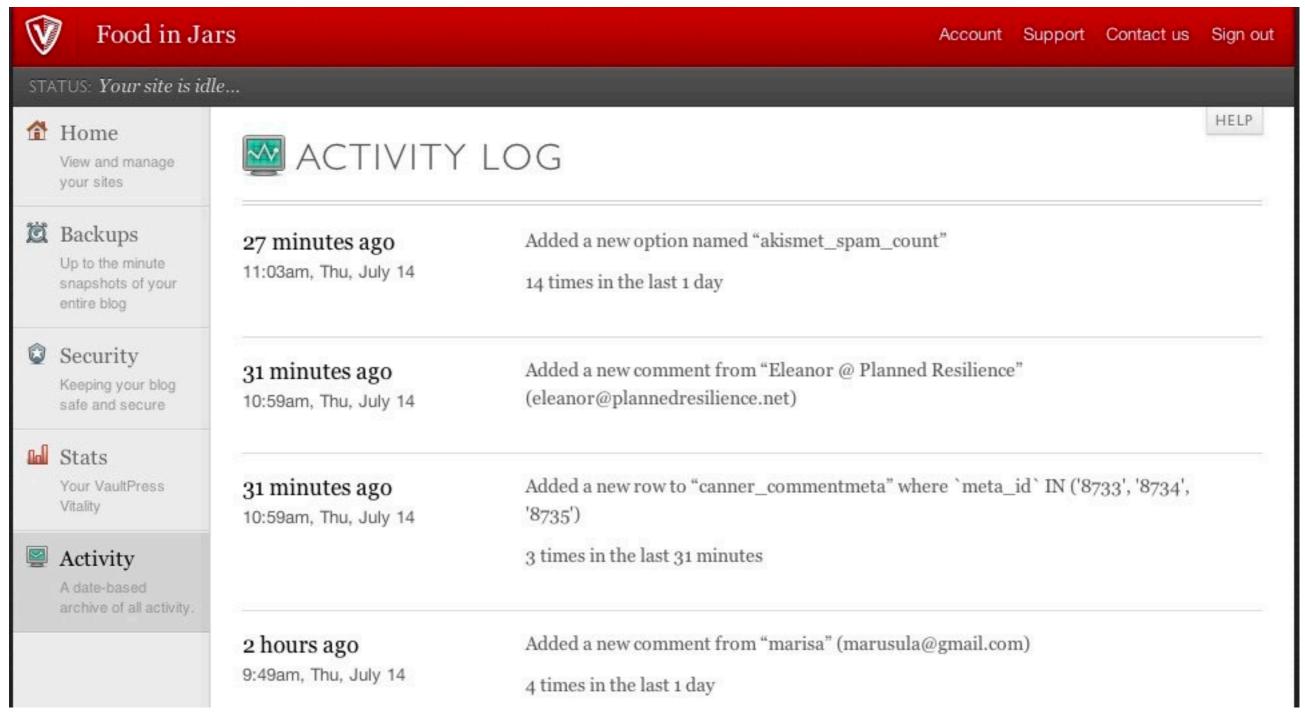














Strong passwords





File Monitor Plus



Settings

Cron Method	WordPress Cron \$
File Check Interval	Hourly 🛊
Data Save Method	Database \$
Notify By Email	Yes 🛊
From Email Address	marusula@gmail.com
Notify Email Address	smcnulty@gmail.com
Admin Alert	No 💠
File Check Method	✓ File Size✓ Date Modified✓ File Hash
File Check Root	/home/marusula/foodinjars.com Default: /home/marusula/foodinjars.com

http://wordpress.org/extend/plugins/ wordpress-file-monitor-plus/



File Monitor Plus Email



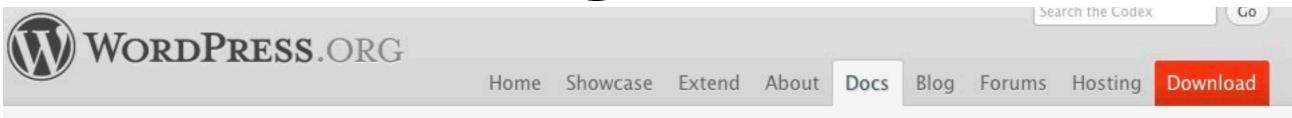


Change Table pre-fix





Hardening WordPress



Codex

Codex tools: Log in

Hardening WordPress

Security is an interesting topic, with a lot of shades of gray. WordPress developers take security very seriously, but as with any other system, there are potential security issues that may arise and there are always trade offs when balancing security and convenience. We will go through some common things you can do to keep your WordPress installation secure.

What is security? Fundamentally, security is not about perfectly uncrackable systems, which might well be impossible to find and/or maintain. Security has more to do with trust and responsiveness. For example, a trusted host runs a stable, patched branch of their webserver (be it Apache, IIS, or whatever). They should tell you this, test their configuration themselves, and let you determine it for yourself. An untrusted host does not apply patches when they are released and does not tell you what server versions they are running.

Several themes run through this guide:

Home Page

WordPress Lessons

Getting Started

Working with WordPress

Design and Layout

Advanced Topics

Troubleshooting

Developer Docs

About WordPress

Codex Resources

Community portal

Current events

http://codex.wordpress.org/Hardening_WordPress



Thanks!

- smcnulty@wharton.upenn.edu
- Twitter: @blankbaby
- http://blog.blankbaby.com



