

WordPress Multi-User: BuddyPress and Beyond

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WordPress is a useful
way of
understanding the
world we live in*

Technically, WordPress
Multi-User is 99% the
same as WordPress

‘BuddyPress’ is just a set
of plugins for WordPress
Multi-User.

No big deal.

BuddyPress: Social Network

Blogs: Websites (optional)

WPMU: Administration

Posts = dynamic content

Pages = static content

Categories = formal taxonomy

Tags = informal taxonomy

Widgets = versatile miscellany

Members = Find people

Groups = Identify with others

Activity = Track site-wide activity

Friends = Connect with peers

Messaging = Email

Wire = Message board (Fb 'Wall')

Profiles = Digital identity

(Forums = requires bbPress)

It's time to
stop thinking
about 'blogs'
and start
thinking
about...

documents

Preserving the Hand-Painted Films of Margaret Tait

An MA Dissertation by Joss Winn, 2002

« 1. 'On The Idea of Permanence' »

1.2 Calypso »

1.1 Margaret Tait

1 Born on Armistice Day in 1918 in Kirkwall, Orkney, Margaret Caroline Tait made her first film in 1951 and her last in 1998. During that time, she made thirty-two films ranging from short hand-painted animations to a feature-length narrative fiction film. All except the feature, *Blue-Black Permanent* (1992), were independently financed despite periodic attempts to interest sponsors in her work. The financing of her work while she was alive remains significant even today because the collection of film and sound elements donated by her husband Alex Pirie, to the SFTVA very much reflects the unusual circumstances under which she made films for almost forty years.

2 At the age of nine, she was sent to the Esdaile boarding-school in Edinburgh and remained in the city to study medicine at Edinburgh University, graduating with a MB, CH.B in 1941. In 1943, she joined the Royal Army Medical Corps and was posted to military hospitals overseas, first in central India and then in Ceylon. Following the Japanese surrender in August 1945, she was posted to Johore Bahru, Malaya and Singapore. Then, shortly after the war, she went to Perugia

Whole Page (0)

Paragraph 1 (0)

LEAVE A REPLY

Name (required)

Mail (will not be published)
(required)

Website

Submit Comment

Paragraph 2 (0)

Paragraph 3 (0)

Paragraph 4 (0)

Paragraph 5 (0)

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[Britain](#) [British Film](#)

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[David Curtis](#)

[Department of Culture](#)

[Edinburgh](#) [energy](#)

[Europe](#) [film archivist](#) [Film](#)

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[Histotechnologist](#)

[Hollander I](#) [India](#) [Italy](#)

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[Margaret](#)

[Tait](#) [Media and Sport](#) [Mike](#)

[Leggett](#) [On The Idea of](#)

[Permanence](#) [Painted](#)

[Eightsome](#) [Peter](#)

[Hollander](#) [physician](#) [Prime](#)

[Minister](#) [printing](#) [Rome](#)

[Scotland](#) [Singapore](#) [Suffering](#)

[Due to Desire](#) [Tait](#) [the](#)

'proper' websites

Number10.gov.uk

The official site of the Prime Minister's Office

Building Britain's Future

Home

News

Communicate

Meet the PM

History and Tour

Number 10 TV

Enter search terms

Go

Top Story



PM urges coordinated action at G20

The Prime Minister has warned the world's leading economies that signs of economic recovery did not mean financial stimulus packages should be abandoned.

Speaking to a meeting of G20 finance ministers ahead of the G20 Summit later this month, Gordon Brown applauded leaders for acting together to stabilise banks and create the conditions necessary for a return to growth, but he warned there was no room for "economic complacency or over confidence".

Read more: [PM urges coordinated action at G20](#)

Speeches & transcripts: [PM speech to G20 finance ministers](#)

Read more: [UK, France and Germany release joint letter on G20](#)

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Around the Web

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Latest News

Friday 4 September 2009

PM outlines Afghanistan strategy

The Prime Minister has outlined the Government's long-term strategy in Afghanistan, promising more support for troops and a stronger focus on increasing the presence of the Afghan army.

Friday 4 September 2009

Citizens Advice Bureau celebrates 70th anniversary

The Prime Minister has congratulated the Citizens Advice Bureau on reaching its 70th anniversary.

Features

COUNTDOWN TO COPENHAGEN

91:00:04:31

The countdown to the Copenhagen climate conference has started. [Visit the Act on Copenhagen website to find out more](#)

Building Britain's Future

The Government has published

YouTube

Latest Videos

 Afghanistan Visit
Sun Sep 06 2009

 Netanyahu Press Conference
Sun Sep 06 2009

 National Pandemic Flu Service
Sun Sep 06 2009

 Cabinet in Wales
Mon Sep 07 2009

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microblogs

JISCPress

A JISC Rapid Innovation Project

Hi, Joss. Whatcha up to?



Tag it

Post it

Recent Updates

[Hide threads](#) | [Keyboard Shortcuts](#)



Joss 9:00 pm on September 5, 2009 | 0

[Permalink](#) | [Reply](#) | [Edit](#)

Tags: [conference](#) (2), [interview](#), [jiscr](#) (7)

An interview with Alex and Joss: <http://blog.iedemonstrator.org/2009/09/05/interview-joss-winn-and-alex-bilbie-jiscpress/>



Joss 2:20 pm on September 4, 2009 | 0

[Permalink](#) | [Reply](#) | [Edit](#)

Tags: [conference](#) (2), [jiscr](#) (7), [pitch](#)

20 second #jiscr pitch: JISCPress allows communities to comment on, discuss, annotate and review documents on the web in considerable detail. As a platform, JISCPress discovers relationships between hosted documents and provides ways to make document discovery easy and useful.



Innovation as a Side Effect... JISCPress and the JISC Strategy Review

psychemedia 10:29 am on September 3, 2009 | 0

[Permalink](#) | [Reply](#) | [Edit](#)

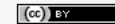
Tags: [writetoreply](#) (8)

The eagle eyed amongst you may have noticed that we recently republished the [JISC Strategy Review 2010-2012 on WriteToReply](#) in part as a way of field testing the new digress.it theme that has been under development as part of our [JISCPress project](#).

Some time ago, I remember reading a book by Gary Hammel (with Bill Breen) on "The Future of Management" that included a model referred to as the [innovation stack](#).

Hello,

This is the blog and [microblog](#) for JISCPress, a JISC-funded 'rapid innovation' project.



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scientific publishing and review

Math for the Masses

by mdawaffe

Odd as it may sound, I miss all the equations from my days in grad school, so I decided that what WordPress.com needed most was a hot, niche feature that maybe 17 people would use regularly:

L^AT_EX

For those that don't know, L^AT_EX is a typesetting system particularly well suited for documents of a mathematical persuasion. It's used almost exclusively by many technical, scientific and mathematical disciplines both in academia and industry. It also looks *really* good; I, among many, consider [Donald E. Knuth](#) a personal hero.

For those that do know, it's now ridiculously easy to include inline L^AT_EX formulas in your blog posts.

The syntax is reminiscent of L^AT_EX's inline math mode: `$\text{your-latex-code-here}$`, and it allows you to produce most any equation. For example, the following code

```
$\text{i\hbar\frac{\partial}{\partial t}}\left|\Psi(t)\right\rangle=H\left|\Psi(t)\right\rangle$
```

yields

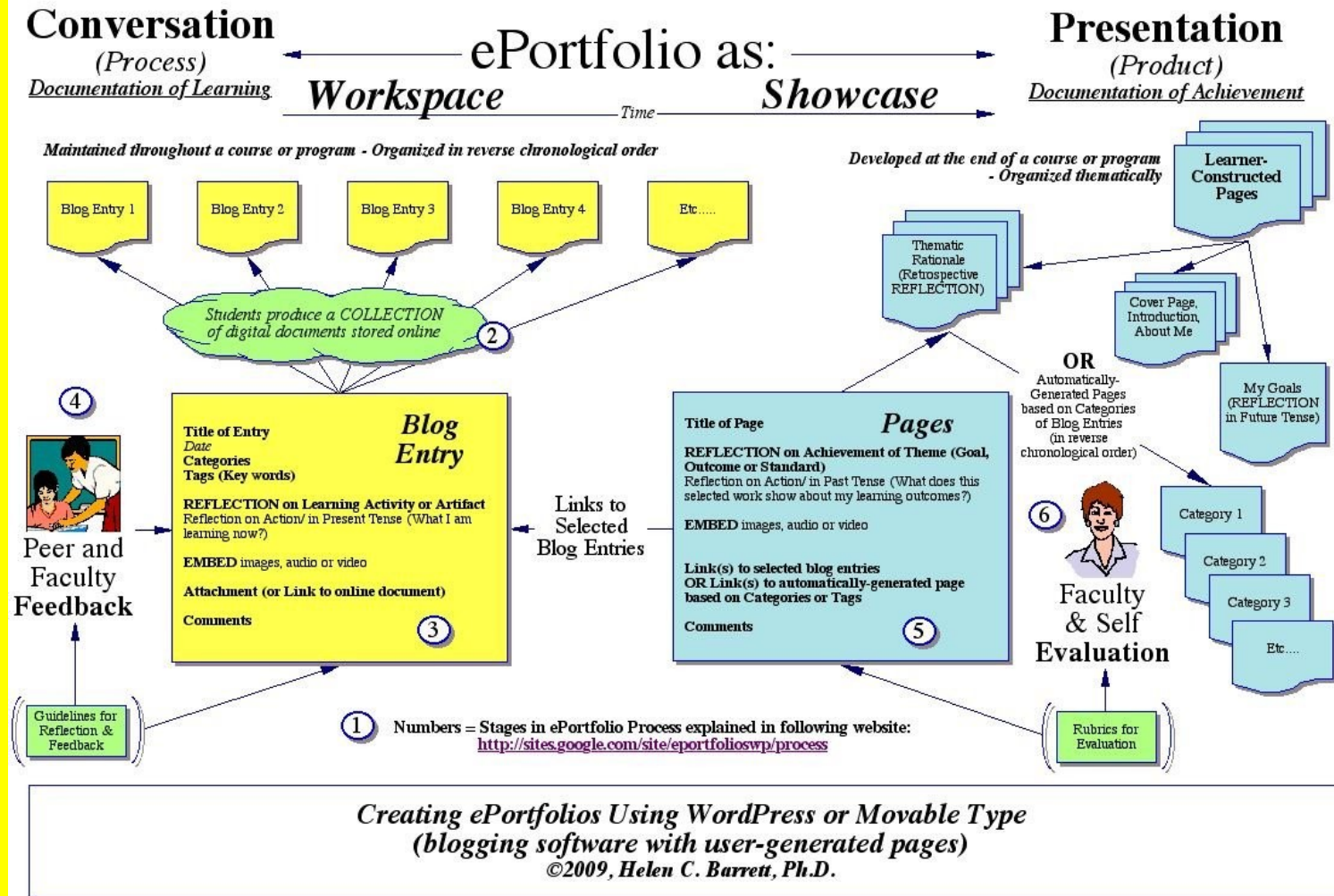
$$i\hbar\frac{\partial}{\partial t}|\Psi(t)\rangle = H|\Psi(t)\rangle.$$

Pretty sweet, huh?

To further whet your appetite, these few standards show a bit more about what's now possible on WordPress.com.

$$\bar{M} = \frac{kT}{\Xi} \sum_N \left(\frac{\partial Q_N}{\partial D} \right)_{V,T} \lambda^N$$
$$G_{ab}^{(1)} = -\frac{1}{2}\partial^c\partial_c\tilde{\gamma}_{ab} + \partial^c\partial_{(b}\tilde{\gamma}_{a)c} - \frac{1}{2}\eta_{ab}\partial^c\partial^d\tilde{\gamma}_{cd} = 8\pi T_{ab}$$
$$P_\nu^{-\mu}(z) = \frac{(z^2-1)^{\frac{\mu}{2}}}{2^\mu\sqrt{\pi}\Gamma(\mu+\frac{1}{2})} \int_{-1}^1 \frac{(1-t^2)^{\mu-\frac{1}{2}}}{(z+t\sqrt{z^2-1})^{\mu-\nu}} dt$$

e-Portfolios



scholarly journals

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Issue 7

ISSN 1940-5758

Editorial Introduction – Code4Lib: Long May You Run

Tom Keays

The Code4Lib Journal mirrors the diversity and depth of interests and expertise of its readership. Our successes, indeed, are yours.

How Hard Can It Be? : Developing in Open Source

Joann Ransom with Chris Cormack and Rosalie Blake

In 2000 a small public library system in New Zealand developed and released Koha, the world's first open source library management system. This is the story of how that came to pass and why, and of the lessons learnt in their first foray into developing in open source.

Extracting User Interaction Information from the Transaction Logs of a Faceted Navigation OPAC

Cory Lown and Brad Hemminger


This paper discusses the analysis of Apache web server logs from a faceted catalog interface (OPAC) at North Carolina State University. By grouping individual HTTP requests into user sessions and analyzing in that context, requests can be understood as particular user actions, with more specificity as to purpose and effect of an action. Client IP address and time are used as a sufficient proxy for determining user sessions from logs. Some initial exploratory findings of user behavior in the NCSU OPAC are provided, including that users make use of facets less than of text searching, and that some facet groups are used significantly more than others. Links are provided to the scripts used to make this session-based analysis, which could be modified for use with other faceted OPACs which use an Apache front-end.

an institutional archive

Community Posts

Read, browse and search all University of Lincoln Blogs

[Home](#)[Latest Posts](#)[About](#)[Timeline](#)[Site Admin](#)

 [Edit](#)

This is the archive of the University of Lincoln blogs. Currently the archives are spanning 1,422 posts, contained within 164 categories and 4365 tags. Through here, you will be able to move down into the archives by way of time or category. If you are looking for something specific, perhaps you should try the search on the sidebar.


00:15 A-to-Z Academic Subject Librarian Adobe advocacy agriculture AHRC Alison Sharman Amazon API Apple Architecture art & design artist Asia ASL ASLs **Athens** author AWS BBC bibliometrics biological sciences birthdays Blackboard Blackboard Users Group Conference 2009 Blitz Games blog **blogging** blogs books Boston Spa **Brayford** Brayford Campus Brayford Pool Campus **British Library** BuddyPress Bugs building work business C# C6 Centre for Educational Research and Development CERD Christmas citations CLA Code CODEX CODEX 2 collaboration Commission of European Communities computing computing & informatics conferences copyright Creative Commons credit crunch current awareness Daren Mansfield data Dave Pattern Davey P. desk services Development digest digital britain digital divide digitisation Dissertation diversity DVD e-book **e-books** e-journal **e-journals** e-learning e-library e-portfolio E-portfolios e-resource **e-resources** Easter ebrary education Electronic Resources Librarian EMMTEC building energy Engine Engineering and Physical Sciences Research Council Enterprise@Lincoln environment EPSRC EU Europe European Union Events evolution **facebook** FAME FED Fedora Fedora Edu Spin Feedback Find it @ Lincoln firefox flickr food food manufacture FP7 free free software Fund for Educational Development **funding** Games **GBP GCW** GCW University Library Get Satisfaction Git GitHub **Google** graphs head health HEFCE helpdesk help guides Higher Education history **Holbeach** Horizon **Hull** Hull Campus humanities IBM ICT services Identity impact improvements information literacy **Institutional Repository** inter-library loans Internet iPhone iPod Java jif08 JISC JISCPress jiscri journalism journals JSTOR law learning Learning Lab **Learning Resources** lecturer Leeds **library** Library & Learning Resources Library2.0 Library and Learning Resources LibraryLink library services **lincoln** Links **LINUX** LiveCD loans **London** mahara maintenance marketing Mashed Library mashlib09 media Metagine metrics microblogging Microsoft Microsoft Windows Mike Neary MozOpenEd MyLibrary Networking newspapers new titles New Year's Day Nottingham off-campus **olpc** online identity OPAC Open-Source Open Access OpenID **opening hours** Open Source


lifestreams


Today


 Posted a comment.
— 6:47am via [BackType](#)

Yesterday

 [@psychemedia](#) Technology as a Foreign Language. I think I'm going to use that for the name of workshop series if it's ok. [[joss Winn](#)]
— 6:59pm via [Twitter](#)

 At a Christening. Off to the reception. We're God parents! <http://twitpic.com/gprvi> [[joss Winn](#)]
— 3:51pm via [Twitter](#)


 Shared [Melting ice will trigger disasters](#).
— 1:30am via [Google Reader](#)

 Shared 5 links.
— 12:18am via [Google Reader](#)
[Ev and Biz Discuss Early Days of Blogger After 10th Anniversary](#)
[Information feudalism and permanent rent in the cloud](#)
[How eBay and Skype got divorced](#)
[Wordpress blogs under hack attack](#)
[RSS has no Fail Whale](#)

September 5th

 Going to the shop to buy some mussels. [[joss Winn](#)]
— 9:34am via [Twitter](#)

 Shared [The oil we eat: Following the food chain back to Iraq—By Richard Manning \(Harper's Magazine\)](#).
— 12:22am via [Delicious](#)

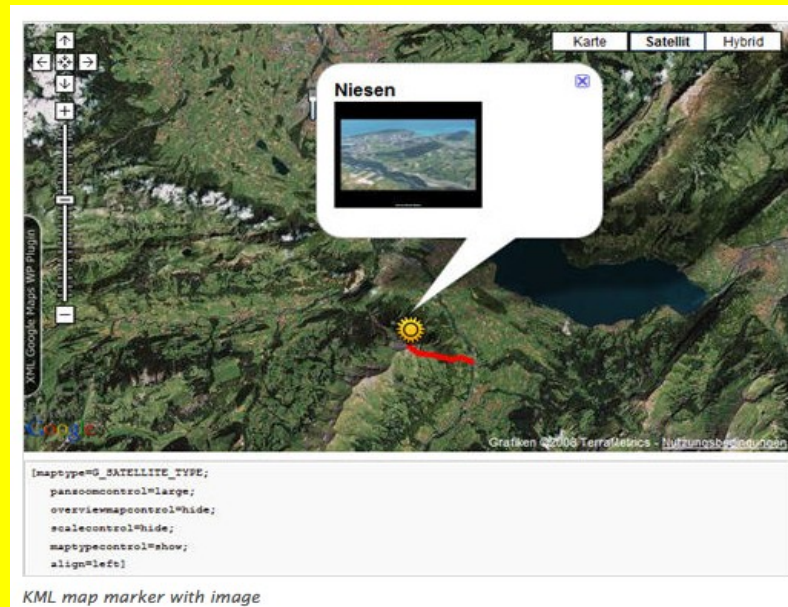
 [@aaroncrews](#) funny you should say that. i was thinking about it, for the demonstration. I'll give it a go over the weekend. [[joss Winn](#)]
— 11:32pm via [Twitter](#)

 preparing WordPressMU/BuddyPress demo for [#altc2009](#) [[joss Winn](#)]
— 11:08pm via [Twitter](#)

code review

```
01. <?php
02. function widget_extrafeeds_register() {
03. function widget_extrafeeds($args) {
04. extract($args);
05. ?>
06. <br />
07. <?php echo $before_widget;
08. echo $before_title;
09. echo $widget_name;
10. echo $after_title; ?>
11. <ul class="sidebarList">
12. <?php extra_feed_link(); ?> <?php extra_feed_link('http://path/to/your
13. /feed/icon/feed.png'); ?>
14. </ul>
15. <?php echo $after_widget; ?>
16. <?php
17. }
18. register_sidebar_widget('Extra Feeds',
19. 'widget_extrafeeds');
20. register_sidebar_widget('Extra Feeds', 'widget_extrafeeds');}
21. add_action('init', widget_extrafeeds_register);
22. ?>
```

advanced mapping: GPX, KML, GeoRSS



I could go on... :-)

The technical slide:

The more resources
you throw at it, the
better it will run. *

* and use LAMP

LDAP and AD support

[Connection Settings](#) | [General Settings](#) | [Attribute Mapping](#) | [Upgrade](#)

To start allowing users to log in with LDAP credentials, you will need to Enable LDAP-Authentication below. LDAP Authentication is available for all accounts. It is recommended that you still maintain a local **admin** account to allow access if the LDAP server is unavailable.

Connection Settings

LDAP-Authentication:

☐ Enabled ☒ Disabled

If this is disabled, then entire plugin will be disabled. Users will need to log in using WPMU user credentials, and will not be able to use LDAP credentials to access their accounts.

Server Encryption:

☒ None ☐ SSL ☐ TLS

Select none to connect over ldap://, Select SSL to connect over ldaps://, Select TLS to connect using TLS encryption

Server Address:

The name or IP address of the LDAP server. The protocol should be left out. (Ex. ldap.example.com)

Server Port:

389

Port Number of the LDAP server. (LDAP: Linux=389, Windows=3268) (LDAPS: Linux=686, Windows=3269)

Search DN:

The base DN in which to carry out LDAP searches.

Search User DN:

Some systems do not allow anonymous searching for attributes, and so this will set the account to use when connecting for searches.

Search User Password:

Password for the User DN above.

LDAP Type:

☐ Linux ☒ Windows

Test Connection:

☐ Yes ☒ No

Specifies whether or not to test the ldap server connection on form submit.

Save Options

Feeds galore!

<http://example.com/feed/>

<http://example.com/feed/rss/>

<http://example.com/feed/rss2/>

<http://example.com/feed/rdf/>

<http://example.com/feed/atom/>

http://example.com/category/my_category/feed/

http://example.com/tag/my_tag/feed/

<http://example.com/tag/tag1+tag2+tag3/feed/>

<http://example.com/comments/feed/>

<http://example.com/2009/01/01/my-latest-post/feed>

<http://example.com/2009/01/01/my-latest-post/feed/&withoutcomments=1>

<http://example.com/author/joss/feed>

<http://example.com/2009/feed>

<http://example.com/2009/01/feed>

<http://example.com/2009/01/15/feed>

Bring WordPress into Blackboard with Feed2JS

The screenshot shows a Blackboard LMS interface for the University of Lincoln. The top navigation bar includes links for Home, Sites, Library, Community, Content Store, Help, and System Admin. A sidebar on the left contains links for Announcements, About, Staff Details, Discussion Board, Learning materials, and Assessments, along with a Tools section for Communication, Site Tools, Site Map, Control Panel, Quick Unenrol, Refresh, and Detail View. The main content area displays the 'Learning materials' section for 'Joss' blog', which is a WordPress feed. The feed includes a post titled 'ALT-C 2009 Demo: WordPress Multi-User: BuddyPress and Beyond' with a description of a demonstration at the ALT Conference. Below this, there is a 'Related posts' section with links to various articles. The bottom of the feed shows a post about 'Scholarly publishing with WordPress'.

Blackboard 09/10
University of Lincoln

Home ? Logout

Home Sites Library Community Content Store Help System Admin

JOSS TESTING (JOSS-TEST) > LEARNING MATERIALS

Learning materials

Joss' blog

[../learninglab/joss](#)
Centre for Educational Research and Development

- [ALT-C 2009 Demo: WordPress Multi-User: BuddyPress and Beyond](#)

This is just a reminder that I'll be giving a [demonstration](#) of WordPress Multi-User and BuddyPress at the [ALT Conference](#) at 10:50-11:50 on Wednesday. Here's the [blurb I submitted](#).

I write quite a lot on this blog about the use of WordPress and WPMU. Here's a [list of posts](#) that may interest you. Here's the [RSS feed](#) for that search.

I'll be setting up an ALT-C BuddyPress site for anyone to play around with over the course of the conference. It will be available from the 6-17th September.

Related posts

- [My revised ALT-C proposal](#)
- [JISCPress: Developing a community platform for the JISC funding process](#)
- [LaTeX support in WordPress](#)
- [Developing BuddyPress for education](#)
- [BuddyPress: A university's social network](#)

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- [Scholarly publishing with WordPress](#)

Working on the [JISCPress project](#), I've been thinking quite a lot about scholarly publishing on the web, and in particular with WordPress. This morning's additions for creating a scholarly blog and it got me thinking a bit more about what features WordPress would need to support scholarly publishing.

JISCPress does away with the idea that WordPress is a blogging tool, and instead uses [WordPress Multi-User](#) as a document publishing platform, and (potentially millions) of document sites, the platform remains relatively 'lightweight' as each document site generates just a handful of additional data. WordPress blogs on WPMU is nothing like the equivalent of running 100 separate WordPress blogs, both from the point of resource requirements and [to be merged](#) and because they share 90%+ of the same code already, it's not too difficult to achieve.¹

Institutional benefits?

It's easier to support hundred of blogs on an institutional platform than hundreds of blogs on third-party services

Enhances the university
brand. Open and progressive

Good academic content is
good SEO

WordPress MU is a
repository of research,
teaching and learning

“Can WordPress be a
VLE
PLE
LMS
CRM
ECMS
etc...?”

No!

It's Open Source.

What about support?

@josswinn

jwinn@lincoln.ac.uk

<http://joss.blogs.lincoln.ac.uk>

<http://mu.wordpress.org/forums/profile/508233>

<http://buddypress.org/developers/josswinn/>

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WordPress Multi-User: BuddyPress and Beyond

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09/11/09

1

This presentation was originally prepared for a demonstration at the ALT Conference 2009. For more details, see:
<http://joss.blogs.lincoln.ac.uk/2009/08/27/alt-c-2009-demo-wordpress-multi-user-buddypress-and-beyond/>

“BuddyPress' is a new social networking layer for WordPress Multi-User blogs. It provides familiar, easy to use social networking features in addition to a high-quality and popular blogging platform. The University of Lincoln have been trialing WordPress MU since May 2008 and have been using BuddyPress since February 2009 to develop an institutional social networking community built around personalised and collaborative web publishing. This session will demonstrate the versatility of the WordPress MU platform. We'll look at an installation that is enhanced with BuddyPress, LDAP authentication, mobile phone support and advanced privacy controls. You'll see how simple it is to set up site-wide RSS syndication and aggregation, enhance your blog with semantic web tools, publish mathematical formulae with LaTeX, send realtime notifications to Facebook, Twitter and IM, publish podcasts to iTunes, and embed GPX and KML mapping files. We'll also look at how to embed WordPress content in your VLE and other institutional websites. The use of a temporary 'ALT-C 2009 BuddyPress' installation will be encouraged. There will be opportunities throughout for questions and answers and participants will leave with a good understanding of the advantages and disadvantages of WordPress and the resources and skills required to provide a social networking and blogging platform in your institution.”

WordPress is a useful way of understanding the world we live in*

09/11/09

* I explain myself in the notes to these slides

Hello. My name is Joss. I work at the **University of Lincoln**, UK, in the Centre for Educational Research and Development. We've been using WordPress for about 18 months now. When I joined the university, I asked for my own **server**. If you're going to do research and development with educational technology, having your own server is a good idea. **I'm not an 'IT guy'**. I just think that if servers are the machines that run the code that runs the 'developed world', I'd like to know how they work. Before I started working at the university, I'd never taken any interest in WordPress or web applications in general. I liked tinkering with Operating Systems in my spare time.

I like WordPress because it's a useful way of **framing the Internet**. I've learned a lot by approaching the web and WordPress in this way. Similarly, I learned a lot about Operating Systems by using Linux.

Technically, WordPress Multi-User is 99% the same as WordPress

09/11/09

3

If you're already self-hosting WordPress, you shouldn't worry about self-hosting WordPress Multi-User. Technically, the differences are insignificant. The main difference is that you can administer more than one site from the same installation. That's a really useful thing, which you'll appreciate if you're running more than one website.

Why WordPress?

It's popular. Millions of people choose to use it, support it and develop for it. It's flexible. Think of it as a web development platform, not just 'blogging software'. The development of WordPress tracks broader developments in web technology. Sometimes, it leads them.

It's open source. No license fees, no restrictions on use. You are part of a community.

Statistics: 15 million sites (<http://en.wordpress.com/stats>), over 6000 plugins (<http://wordpress.org/extend/plugins>), around 1000 themes (<http://wordpress.org/extend/themes>). Its use continues to grow (<http://google.com/trends?q=wordpress,+blogger,+movable+type,+typepad&ctab=0&geo=all&date=all&sort=0>)

'BuddyPress' is just a set
of plugins for WordPress
Multi-User.

No big deal.

09/11/09

4

Really. It's no big deal.

<http://wordpress.org/extend/plugins/buddypress/>

BuddyPress: Social Network Blogs: Websites (optional) WPMU: Administration

09/11/09

5

I find it useful to think of BuddyPress as a **social networking layer**, that sits on top of (or in front of??) WordPress Multi-User (WPMU). You can use BuddyPress all day long and never go near a blog. In my experience, BuddyPress has made WordPress Multi-User **easier** for people to use. People can create a WordPress blog in their own time but still **participate** in the community. Over 95% of students use Facebook. BuddyPress is easier to use than Facebook (and people don't throw **Zombies** at each other).

Posts = dynamic content
Pages = static content
Categories = formal taxonomy
Tags = informal taxonomy
Widgets = versatile miscellany

09/11/09

6

Understanding a few of the core WordPress concepts can help you imagine how you might structure your website.

Members = Find people
Groups = Identify with others
Activity = Track site-wide activity
Friends = Connect with peers
Messaging = Email
Wire = Message board (Fb 'Wall')
Profiles = Digital identity
(**Forums** = requires bbPress)

09/11/09

7

These are what BuddyPress brings to WordPressMU

It's time to
stop thinking
about 'blogs'
and start
thinking
about...

09/11/09

8

Seriously. WPMU + BuddyPress is a platform for communities on the web. Each 'blog' can, in fact, be many different things. For example...

'proper' websites



OK. I know it looks like a blog, but that's because blogs and the use of other Content Management Systems have changed web design and publishing in general. Note how Flickr, YouTube and social bookmarking links are all integrated into the page.

microblogs



You can create your own twitter-like website for groups of people. There are also plugins that would auto-post to Twitter, too.

<http://wordpress.org/extend/themes/p2>

scientific publishing and review

Math for the Masses

by mdausaffe

Odd as it may sound, I miss all the equations from my days in grad school, so I decided that what WordPress.com needed most was a hot, niche feature that maybe 17 people would use regularly:

LaTeX

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```
$latex i\hbar\frac{\partial}{\partial t}|\Psi(t)\rangle = H|\Psi(t)\rangle$
```

yields

$$i\hbar\frac{\partial}{\partial t}|\Psi(t)\rangle = H|\Psi(t)\rangle.$$

Pretty sweet, huh?

To further whet your appetite, these few standards show a bit more about what's now possible on WordPress.com.

$$\begin{aligned} \dot{M} &= \frac{kT}{\Xi} \sum_N \left(\frac{\partial Q_N}{\partial D} \right)_{V,T} \lambda^N \\ G_{ab}^{(1)} &= -\frac{1}{2} \partial^c \partial_c \gamma_{ab} + \partial^c \partial_{(a} \gamma_{b)c} - \frac{1}{2} \eta_{ab} \partial^c \partial^d \gamma_{cd} = 8\pi T_{ab} \\ P_\nu^{-\mu}(z) &= \frac{(z^2-1)^{\frac{\mu}{2}}}{2^\mu \sqrt{\pi} \Gamma(\mu+\frac{1}{2})} \int_{-1}^1 \frac{(1-t^2)^{\mu-\frac{1}{2}}}{(z+t\sqrt{z^2-1})^{\mu+\nu}} dt \end{aligned}$$

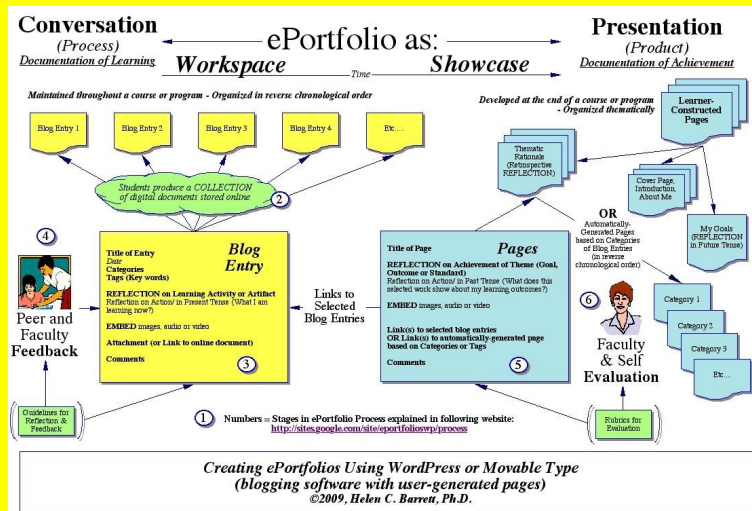
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With the LaTeX plugin, authors can publish scientific formulae. It's supported in the comments, too. So reviewers can use LaTeX in their responses.

<http://wordpress.org/extend/plugins/wp-latex/>

e-Portfolios



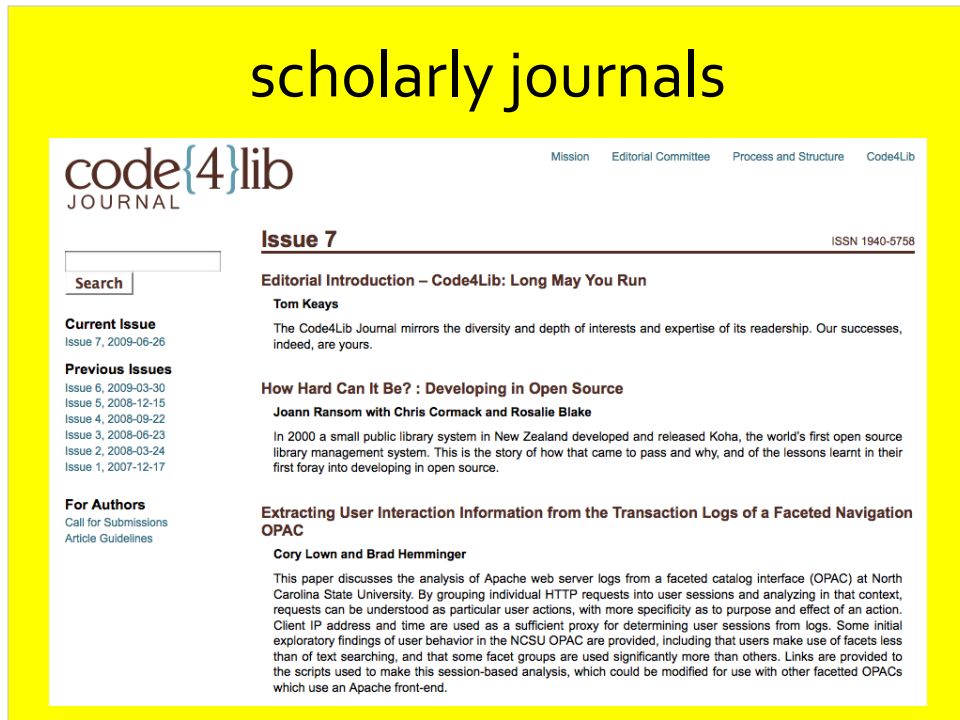
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Dr. Helen Barrett has thought a lot about how WordPress can be used as an e-portfolio tool.

<http://sites.google.com/site/eportfolioswp/>

scholarly journals



I also run Open Journal Systems at the University of Lincoln. I'm torn between using WordPress or OJS. OJS is a good tool, but because it supports what can be a complex workflow of blind-peer-review, it's also quite difficult for some people to use. I think WordPress would make a decent journal publishing tool and it would be easier to use at the expense of losing some specific functionality which OJS provides.

There's a WordPress Publishers blog that highlights how WordPress is being used for different types of web publishing. For managing the journal workflow, plugins like these might be useful:

<http://publisherblog.automattic.com/2009/06/02/wordpress-plugins-collaboration-emails/>

an institutional archive




Blog posts from across your WPMU platform can be aggregated into a single site for browsing, searching. Imagine how useful an institutional archive might be if the majority of staff and students used WordPressMU to write about their research, teaching and learning. Instead of your institutional scholarly output being held in Word and PDF documents, they can be published in modern, open web standards such as HTML and RSS. When they're published in this way, your collective research, teaching and learning, can be visualised, interpreted and discovered in ways that are still being invented. Your content will move with and benefit from progress made on the web.


<http://wordpress.org/extend/plugins/wordpress-mu-sitewide-tags/>


lifestreams


Today


 Posted a comment.
— 6:47am via [BackType](#)

Yesterday


 [@psychemedia](#) Technology as a Foreign Language. I think I'm going to use that for the name of workshop series if it's ok. [\[josevinn\]](#)
— 6:59pm via [Twitter](#)


 At a Christening. Off to the reception. We're God parents! <http://twitpic.com/gpvt> [\[josevinn\]](#)
— 8:52pm via [Twitter](#)


 Shared [Melting ice will trigger disasters](#).
— 1:30am via [Google Reader](#)


 Shared 5 links.
— 12:18am via [Google Reader](#)
[Ev and Biz Discuss Early Days of Blogger After 10th Anniversary](#)
[Information feudalism and permanent rent in the cloud](#)
[How eBay and Skype got divorced](#)
[WordPress blogs under hack attack](#)
[RSS has no Fail Whale](#)

September 5th

 Going to the shop to buy some mussels. [\[josevinn\]](#)
— 9:25am via [Twitter](#)

 Shared The oil we eat: [Following the food chain back to Iraq—By Richard Manning \(Harper's Magazine\)](#).
— 12:28am via [Delicious](#)

 [@aaroncrows](#) funny you should say that. i was thinking about it, for the demonstration. I'll give it a go over the weekend. [\[josevinn\]](#)
— 11:34pm via [Twitter](#)

 preparing WordPressMU/BuddyPress demo for [@aaroncrows](#) [\[josevinn\]](#)
— 11:06pm via [Twitter](#)

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You can bring any other service you use on the web into your WordPress blog as a Lifestream.

<http://wordpress.org/extend/plugins/lifestream/>

code review

```
01. <?php
02. function widget_extrafeeds_register() {
03.     function widget_extrafeeds($args) {
04.         extract($args);
05.     }
06.     <br />
07.     <?php echo $before_widget;
08.     echo $before_title;
09.     echo $widget_name;
10.     echo $after_title; ?>
11.     <ul class="sidebarList">
12.         <?php extra_feed_link(); ?> <?php extra_feed_link('http://path/to/your
13.         &feed/icon/feed.png'); ?>
14.     </ul>
15.     <?php echo $after_widget; ?>
16. }
17. register_sidebar_widget('Extra Feeds',
18.     'widget_extrafeeds');
19. register_sidebar_widget('Extra Feeds','widget_extrafeeds');
20. add_action('init', widget_extrafeeds_register);
21. ?>
```

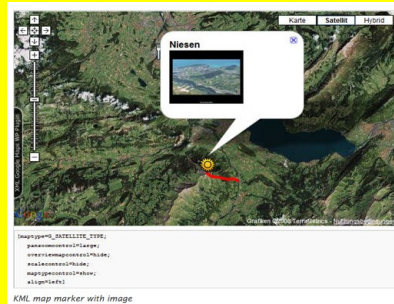
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There are a number of syntax highlighting plugins

<http://wordpress.org/extend/plugins/syntaxhighlighter/>

advanced mapping: GPX, KML, GeoRSS



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This is cool. It's a plugin that provides comprehensive support for GPX, KML, GeoRSS. Whether you undertake scientific field studies or are a fanatic jogger, you could use this to present your tracks using the Google Maps API.

<http://wordpress.org/extend/plugins/xml-google-maps/>

I could go on... :-)

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But I won't.

The technical slide:

The more resources
you throw at it, the
better it will run. *

* and use LAMP

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It runs on Windows IIS, but if you want decent community support, run it on LAMP (Linux, Apache, MySQL, PHP)

Give it a dedicated server and lots of RAM if you're expecting hundreds or thousands of users.

Like any web application, as it grows, you'll need to split the database onto other servers. It will scale to whatever your needs as long as you have the resources. (wordpress.com hosts 6m blogs)

It integrates easily into an existing LDAP/AD

IIS discussions: <http://mu.wordpress.org/forums/tags/iis>

WPMU README.txt: <http://trac.mu.wordpress.org/browser/trunk/README.txt>

LDAP and AD support

Connection Settings | General Settings | Attribute Mapping | Upgrade

To start allowing users to log in with LDAP credentials, you will need to Enable LDAP-Authentication below. LDAP Authentication is available for all accounts. It is recommended that you still maintain a local **admin** account to allow access if the LDAP server is unavailable.

Connection Settings

LDAP-Authentication: ☐ Enabled ☒ Disabled
If this is disabled, then entire plugin will be disabled. Users will need to log in using WPMU user credentials, and will not be able to use LDAP credentials to access their accounts.

Server Encryption: ☒ None ☐ SSL ☐ TLS
Select none to connect over ldap://, Select SSL to connect over ldaps://, Select TLS to connect using TLS encryption

Server Address:
The name or IP address of the LDAP server. The protocol should be left out. (Ex. ldap.example.com)

Server Port: 389
Port Number of the LDAP server. (LDAP: Linux=389, Windows=3268) (LDAPS: Linux=686, Windows=3269)

Search DN:
The base DN in which to carry out LDAP searches.

Search User DN:
Some systems do not allow anonymous searching for attributes, and so this will set the account to use when connecting for searches.

Search User Password:
Password for the User DN above.

LDAP Type: ☐ Linux ☒ Windows

Test Connection: ☐ Yes ☒ No
Specifies whether or not to test the ldap server connection on form submit.

[Save Options](#)

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We use this on our university blogs. It's very simple to implement LDAP support and allow your staff and students to log into WordPressMU with their existing credentials.

<http://sourceforge.net/projects/wpmu-ldap/>

Feeds galore!

```
http://example.com/feed/  
http://example.com/feed/rss/  
http://example.com/feed/rss2/  
http://example.com/feed/rdf/  
http://example.com/feed/atom/  
http://example.com/category/my_category/feed/  
http://example.com/tag/my_tag/feed/  
http://example.com/tag/tag1+tag2+tag3/feed/  
http://example.com/comments/feed/  
http://example.com/2009/01/01/my-latest-post/feed  
http://example.com/2009/01/01/my-latest-post/feed/&withoutcomments=1  
http://example.com/author/joss/feed  
http://example.com/2009/feed  
http://example.com/2009/01/feed  
http://example.com/2009/01/15/feed
```

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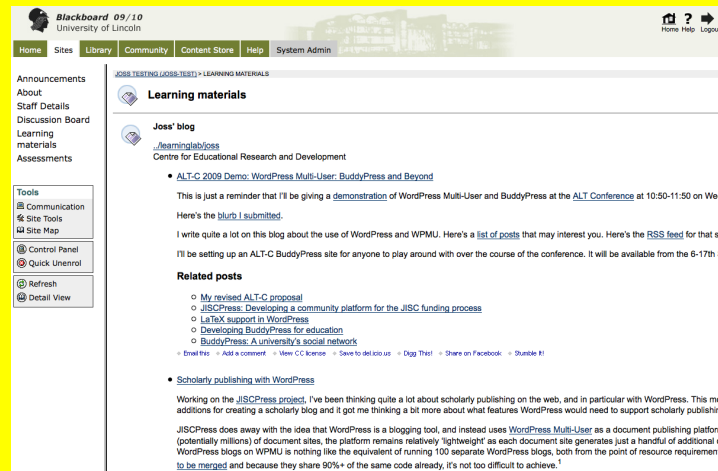
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That's a lot of feed end-points. By the way, with digress.it (<http://wordpress.org/plugins/digressit>) you get comment author feeds and paragraph level comment feeds, too. Crazy.

I've written quite comprehensively about WordPress feeds here:

<http://joss.blogs.lincoln.ac.uk/2009/04/15/addicted-to-feeds/>

Bring WordPress into Blackboard with Feed2JS



You can use Feed2JS (<http://feed2js.org/>) to take a WordPress RSS feed and convert it to Javascript. Just paste the Javascript into the HTML view of the Blackboard editor. Feed2JS is highly configurable making WordPress/Blackboard (or any other VLE), a flexible arrangement.

Institutional benefits?

It's easier to support hundred of blogs on an institutional platform than hundreds of blogs on third-party services

The way the multi-user environment works means that I effectively support one blog, rather than many. If a whole class of students needs blogs or adding to a single blog, I can have this set up in minutes.

Enhances the university
brand. Open and progressive

Good academic content is
good SEO

All blogs get a university domain name. The university brand is valued by many staff and students. The rapid production of generally good quality content is good SEO for the university as a whole.

WordPress MU is a
repository of research,
teaching and learning

“Can WordPress be a
VLE
PLE
LMS
CRM
ECMS
etc...?”

No!

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WordPressMU is a very versatile tool, but don't expect it to do everything. Organisations really need to move away from thinking about 'one tool to rule them all'. It's tempting to work this way because it's easier for people to learn just one tool and easier for organisations to support just one tool. But if you want a VLE/CRM or ECMS, etc. I would recommend you look elsewhere.

What is important in a publishing tool like Wordpress, is that it's easy to get data in and get data out. WordPress is superb in this respect and as a consequence, can work well with other applications you choose to use.

Data formats like RSS/Atom and good Access Management (single-sign-on) are a way of loosely joining applications into a whole. That is how the web works. That is how institutional uses of the web should work, too.

It's Open Source. What about support?

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The community is huge and responsive to answering questions.

<http://wordpress.org/support/>

<http://mu.wordpress.org/forums/>

<http://buddypress.org/forums/>

<http://www.wpmudev.org/>

<http://www.google.co.uk/search?q=wordpress>

For paid support, I'd recommend:

<http://premium.wpmudev.org/> (Cheap)

<http://automattic.com/services/support-network/> (Not so cheap, but proper 'enterprise support' with an SLA. You'll get support from core WordPress developers)

@josswinn
jwinn@lincoln.ac.uk
<http://joss.blogs.lincoln.ac.uk>
<http://mu.wordpress.org/forums/profile/508233>
<http://buddypress.org/developers/josswinn/>

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