

Making **MediaWiki Deployment** Awesome
Was: Extension Management Platform

Jeroen De Dauw, 2010-7-10, Wikimania 2010 Gdańsk

Presentation outline

- Concept
- Goals
- Progress
- Roadmap

Presentation outline

- **Concept**
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Concept: current steps to install an extension

- Search on mediawiki.org
- Download/upload or svn magic
- Include in LocalSettings.php

```
22 # GAI
23 // require_once( "$IP/extensions/googleAnalytics/googleAnalytics.php" );
24
25 # SB
26 require_once( "$exPath/semantic-bundle/SemanticBundleSettings.php" );
27 require_once( "$exPath/semantic-bundle/SemanticBundle.php" );
28
29 # Maps
30 //require_once( "$IP/extensions/Maps/Maps.php" );
31
```

- Hope everything works

Concept: WordPress-ify

- Dashboard ▾
 - Dashboard
 - Updates
 - Site Stats
 - Akismet Stats

- Posts ▾
 - Posts
 - Add New
 - Categories
 - Post Tags
 - Write Dent

- Media ▾
 - Library
 - Add New

- Links ▾
 - Links
 - Add New
 - Link Categories

- Pages ▾
 - Pages
 - Add New

- Comments

- Appearance ▾
 - Themes
 - Widgets
 - Menus
 - Header

Install Plugins

Search | **Search Results** | Upload | Featured | Popular | Newest | Recently Updated

Tag ▾ twitter

1 2 3 ... 21 »

Name	Version	Rating	Description
Xhanch - My Twitter Details Install Now	1.9.7	★★★★★	Xhanch - My Twitter is a WordPress plugin made by Xhanch Studio to show your latest tweets and you can customize it with our predefined customizations settings/options. Your latest tweets can be displayed via sidebar, post or page Features: Display a number of latest tweets Show your twitter's avatar Changeable avatar size Display/hide tweet replies (there are two methods provided to achieve th... By Susanto BSc (Xhanch Studio) .
Post Address Shortening Details Install Now	1.1	☆☆☆☆☆	With this Plugin you optimize your workflow as it enables you to auto-generate a shortened URL to your blog posts and stores it in the database. And the URL is displayed below the blog post. If the permalink of the article changes, a new Short URL will be automatically generated. These Short URLs are particular useful for twitter and alike as these services limit the messages of their users to a c... By SosoBz .
TweetPress Details Install Now	3.1	★★★★★	TweetPress is the Wordpress Plug-In that gives you total control and ownership of the photos you post to Twitter, sending traffic back to your own blog, instead of a third party site. Currently, when posting photos to Twitter, you must first post them to a 3rd party service (such as Twitpic) and then post that URL to Twitter. Not only do you lose control over YOUR image gallery, but you are also... By Brandon Trebitowski .
Favicons Details Install Now	1.1.5.6	★★★★★	Choose easily a favicon to make your site eye-catching and easily recognizable by visitors that have several windows opened on their navigator. Most of websites don't have favicon. Why? Because most of bloggers don't know how to set it. This plugin will probably improve that. You can choose to use as favicon your gravatar, a private icon or an image from the Icon Set included. Check screenshots... By loane .
techniq2Twitter Details Install Now	0.31	★★★★★	Actualiza twitter usando niq.mx(apoyando al acortador mexicano). Es una pequeña adaptación del plugin Twitter updatere w/ TinyURL de Victoria Chan y Jonathan Dingman. By Daniel Niquet .
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Buddypress	1.2.5.2	★★★★★	Social networking in a box. Build a social network for your company, school, sports team or niche community, all based on

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Goals: Initially

- Deployment of extensions
- Configuration of extensions

Goals: Now

- Deployment of extensions
- Deployment of core

- Fix configuration later on

Goals: Deployment of extensions

- **Special:Install**

Special:Install

- Dashboard
- Dashboard
- Updates
- Site Stats
- Akismet Stats

- Posts
- Posts
- Add New
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- Media
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Goals: Deployment of extensions

- **Special:Install**
- **Special:Extensions**

Special:Extensions

- Dashboard ▾
 - Dashboard
 - Updates
 - Site Stats
 - Akismet Stats

Plugins Add New

All (9) | Active (8) | Inactive (1) | Drop-ins (1)

Bulk Actions ▾ Apply

Search Installed Plugins

Plugin	Description
<input type="checkbox"/> Akismet	Akismet checks your comments against the Akismet web service to see if they look like spam or not. You need an API key to use it. You can review the spam it catches under "Comments." To show off your Akismet stats just put <code><?php akismet_counter(); ?></code> in your template. See also: WP Stats plugin . Deactivate Edit Version 2.3.0 By Automattic Visit plugin site
<input type="checkbox"/> Autolink WikiStyle	Adds the ability to create automatic in-post links from your page titles or from a list of manual defined links (eg. If you have a page called 'Magic Page', every time you'll write Magic Page in a Post, it'll became a link to that page). Activate Edit Delete Version 1.3.1 By Marco Piccardo Visit plugin site
<input type="checkbox"/> CodeColorer	This plugin allows you to insert code snippets to your posts with nice syntax highlighting powered by GeSHi library. After enabling this plugin visit the options page to configure code style. Settings Deactivate Edit Version 0.9.8 By Dmytro Shteflyuk Visit plugin site FAQ Support
<input type="checkbox"/> Identi.ca Tools	A complete integration between your WordPress blog and Identi.ca . Bring your dents into your blog and pass your blog posts to Identi.ca. Configure your settings here . Deactivate Edit Version 1.0 By Matt White Visit plugin site
<input type="checkbox"/> Light Social	Insert a set of social share links at the bottom of each post. Deactivate Edit Settings Version 2.2 By Alden Torres Visit plugin site
<input type="checkbox"/> Nofollow Blogroll SEO	A simple plugin that adds rel="nofollow" attribute to non-homepage Blogroll Links. Improves SEO while still giving link love to your favorite sites. Deactivate Edit Version 1.2 By WP-SpamFree Visit plugin site
<input type="checkbox"/> Twitter Goodies	Twitter Goodies plugin will show your tweets under Sidebar Area (Widget), Post and/or Pages. Twitter Integration option added to v1.0.1. Please add <code><!--wp_twitter_goodies--></code> to any page/post under HTML section to see awesome Twitter Goodies. Tweets will REFRESH AUTOMATICALLY. Also it has reply option inside widget. Please go to (Appearance -> Widgets -> Twitter Goodies) to add it under sidebar area. New admin panel option added under (Settings -> Twitter Goodies) to set different color combination. This widget is using Twitter Goodies APIs. Deactivate Edit Version 3.9.0 By Arpit Shah Visit plugin site
<input type="checkbox"/> WordPress.com Stats	Tracks views, post/page views, referrers, and clicks. Requires a WordPress.com API key. Deactivate Edit Version 1.7.2 By Andy Skelton Visit plugin site
<input type="checkbox"/> WP Super Cache	Very fast caching plugin for WordPress.

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 - Editor

Goals: Deployment of extensions

- **Special:Install**
- **Special:Extensions**
- **Special:Update**

Special:Update

- Dashboard
- Dashboard
- Updates**
- Site Stats
- Akismet Stats

- Posts
- Media
- Links
- Pages
- Comments

- Appearance
- Plugins
- Users
- Tools
- Settings

WordPress Updates

You have the latest version of WordPress.

You have the latest version of WordPress. You do not need to update. However, if you want to re-install version 3.0, you can do so automatically or download the package and re-install manually:

Re-install Automatically

Download 3.0

While your site is being updated, it will be in maintenance mode. As soon as your updates are complete, your site will return to normal.

Plugins

Your plugins are all up to date.

Themes

Your themes are all up to date.

Goals: Deployment of extensions

- Special:Install
- Special:Extensions
- Special:Update
- Special:Dashboard

Goals: Deployment of extensions

- Special:Install
- Special:Extensions
- Special:Update
- Special:Dashboard
- Command line interface?

Goals: Deployment of core

Add capabilities to the new installer

- Full upgrading capabilities
- Extension support

Presentation outline

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Progress

- Researched all relevant components
 - A lot of things are already there
 - New installer
 - Deployment framework
 - Configure
 - (WordPress)
 - Revised the goals and roadmap
- Ported WP filesystem abstraction layer

Presentation outline

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- **Roadmap**

Roadmap

- Create the base installer classes
- Create means to fetch packages and meta-data
- Create the interfaces for extension management

References

- mediawiki.org/wiki/Deployment
- mediawiki.org/wiki/User:Jeroen_De_Dauw

This presentation @ <http://is.gd/dmsaz>