



CMS Systems and WordPress

Content Management, Working with WordPress

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- ◆ **Web Content Management Systems (CMS)**
 - ◆ Joomla, Drupal, WordPress, SharePoint, ...
- ◆ **Working with WordPress**
 - ◆ Installing and Configuring
 - ◆ Administrative Interface: Pages, Posts, Categories, Tags, Comments, Settings
 - ◆ Themes
 - ◆ Plugins
- ◆ **Working with Drupal, Joomla and Sitefinity**



Web Content Management Systems (CMS Systems)

Overview

- ◆ **Web Content Management Systems (CMS)**
 - ◆ **Software system providing Web site authoring, collaboration and administration tools**
 - ◆ **Users with little or no knowledge of HTML can create and manage Web sites content**
- ◆ **CMS typical functions:**
 - ◆ **Create / maintain Web sites**
 - ◆ **Add / edit / delete pages, documents, news, images, files, forms, polls, events, blogs, ...**
 - ◆ **Manage navigation, users, permissions, SEO, ...**

- ◆ **WYSIWYG editor**
 - ◆ **No need for advanced HTML or CSS skills**
 - ◆ **No need for Dreamweaver / FrontPage / etc. or Wiki syntax to learn**
 - ◆ **Can paste content from a word processor**
- ◆ **Web-based access**
 - ◆ **Edit content from any computer**
 - ◆ **Staff can change content immediately**
 - ◆ **No waiting for Web admin to upload the content**
 - ◆ **Support for many types of documents and files**

Examples of CMS Systems

◆ Open Source CMS Systems

- ◆ Joomla
- ◆ Drupal
- ◆ WordPress
- ◆ DotNetNuke

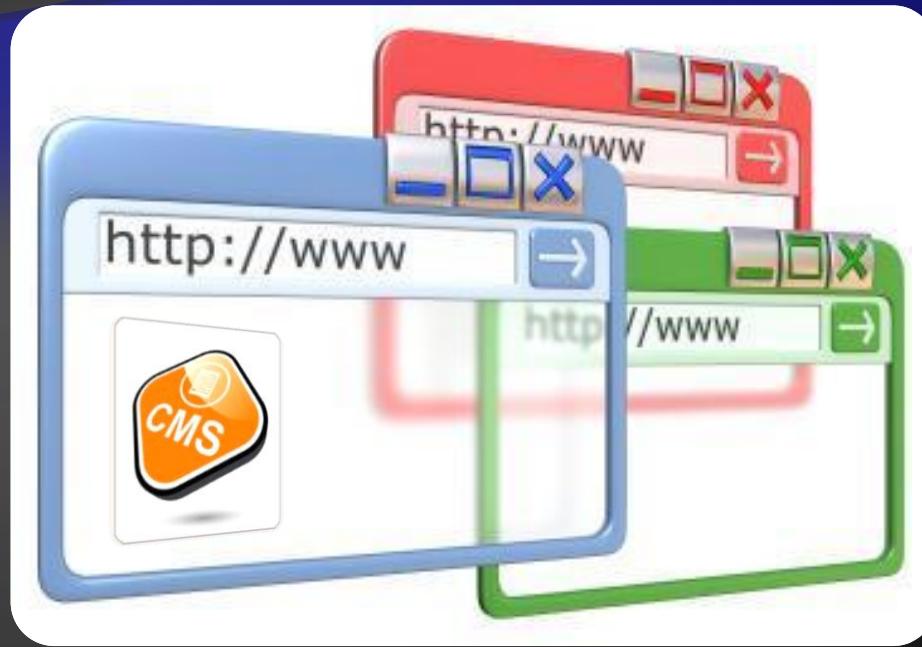


◆ Commercial CMS Systems

- ◆ SharePoint (MOSS)
- ◆ Telerik Sitefinity



Statistics: <http://trends.builtwith.com/cms>



Web Content Management Systems (CMS Systems)

Live Demo

WordPress

Working with WordPress



- ◆ WordPress is one of the world's leading blog and Web CMS systems
 - ◆ Open-source (free) software
 - ◆ Written with PHP and MySQL database
 - ◆ Stores all Web site contents in the database and images / files in the file system
 - ◆ Very powerful, easy-to-use, SEO friendly
 - ◆ Very large community – themes, plugins, ...
 - ◆ Official Web site: www.wordpress.org

- ◆ **Installing WordPress**

- ◆ **In the cloud (use WordPress as service)**
 - ◆ Just create an account at www.wordpress.com
- ◆ **At your Web hosting provider**
 - ◆ Download it (e.g. **wordpress-3.5.1.zip**)
 - ◆ Unzip it in some public directory at the server
 - ◆ Create the database and run the install script
- ◆ **Self-hosted**
 - ◆ Install XAMP + WordPress at your local machine
 - ◆ **XAMP = Windows + Apache + MySQL + PHP**

- ◆ The WordPress Dashboard is:
 - ◆ The administrative interface of WordPress
 - ◆ Create / edit / delete pages, posts, categories, tags, comments, documents, images, files, ...
 - ◆ Manage users, themes, widgets, plugins, settings, ...
- ◆ User-friendly UI
 - ◆ WYSIWYG editor
 - ◆ Media library



The WordPress Dashboard

Live Demo



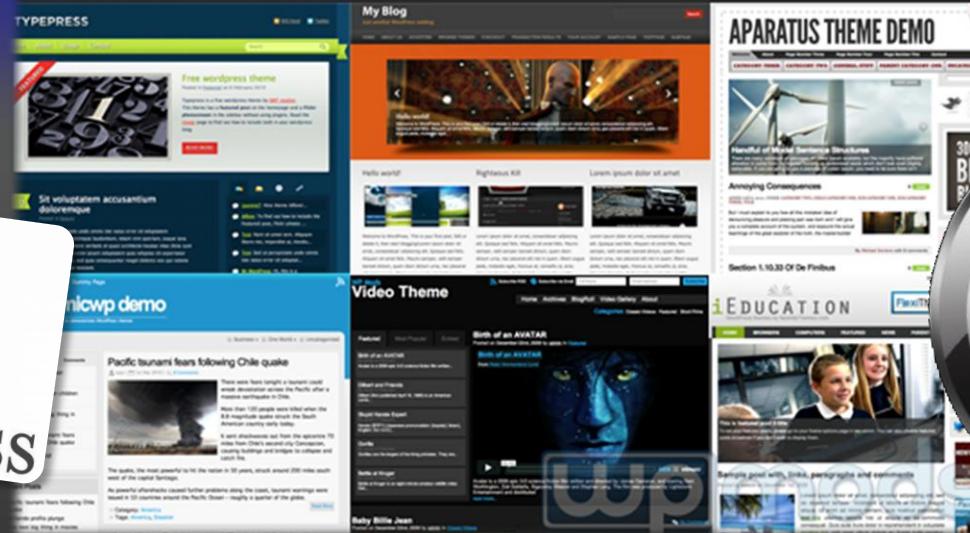
WordPress Themes

Using WordPress Themes

- ◆ **WordPress supports themes**
 - ◆ Themes define the structure, layout (the UI)
 - ◆ Can support or not widgets and menus
 - ◆ Can be single column / multi-column
 - ◆ Can be free or paid
 - ◆ The best themes are usually free
- ◆ **Users can switch between the installed themes**
- ◆ **Official WordPress themes directory:**
 - ◆ <http://wordpress.org/extend/themes/>

- ◆ Typical WordPress themes consist of
 - ◆ Main index template – `index.php`
 - ◆ Page template – `page.php`
 - ◆ Header – `header.php`
 - ◆ Footer – `footer.php`
 - ◆ Sidebar – `sidebar.php`
 - ◆ Comments template – `comments.php`
 - ◆ Styles – `styles.css`
 - ◆ Theme functions – `functions.php`

250 Free WordPress Themes From 2010



WordPress Themes

Live Demo

Questions?