

DRUPAL CMS

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March 8-10, 2010

AOSS Workshop Singapore 2010

BEFORE CMS

- Redesigning sites take a lot of work
 - Formatting is done on every single new page
- Duplication of content
 - header, footer and repeated elements
- Not easy at all to keep content consistent and updated
 - For example, there is no systematized way of handling news updates



INTRODUCING DRUPAL CMS

- Drupal is a open-source CMS (Content Management System)
- Drupal is a publishing platform
 - push out new & updated web content out to people in the most efficient manner possible
- Add / edit / delete content is easy
 - no formal programming knowledge needed
- To learn more about Drupal, visit <http://www.drupal.org>



WHAT DRUPAL OFFERS

- It's themable
- Supports search engine optimization (SEO)
- Role-based access permissions
- Community features out of the box
 - User profiles
 - Comments
 - Forums
 - Content moderation



DRUPAL EXTENSIBILITY

- Drupal opens itself up for programmers through a plugin framework. Developers can write *modules* in PHP
- Drupal's huge catalog of modules allow even further extension of Drupal's core functionality
- Take for instance, CCK and Views (we'll discuss them later).



CORE MODULES IN DRUPAL, 1

A run down of the most important core modules

- Node – For custom content
- User
- Block
- Menu - Navigation
- Path - friends URLs



CORE MODULES IN DRUPAL, 2

- Contact
- Blog
- Taxonomy - a powerful classification and categorization system
- Filter



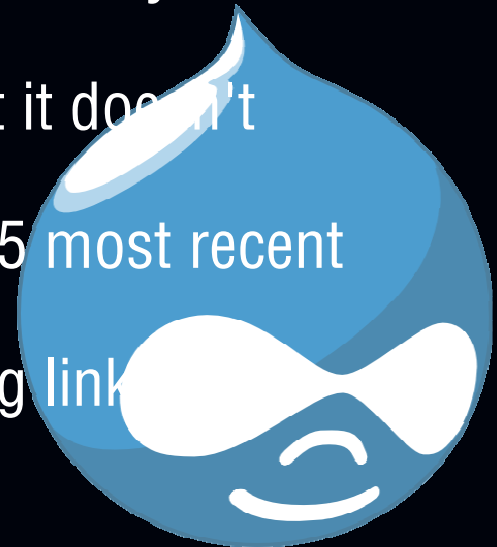
CONTENT CONSTRUCTION KIT (CCK)

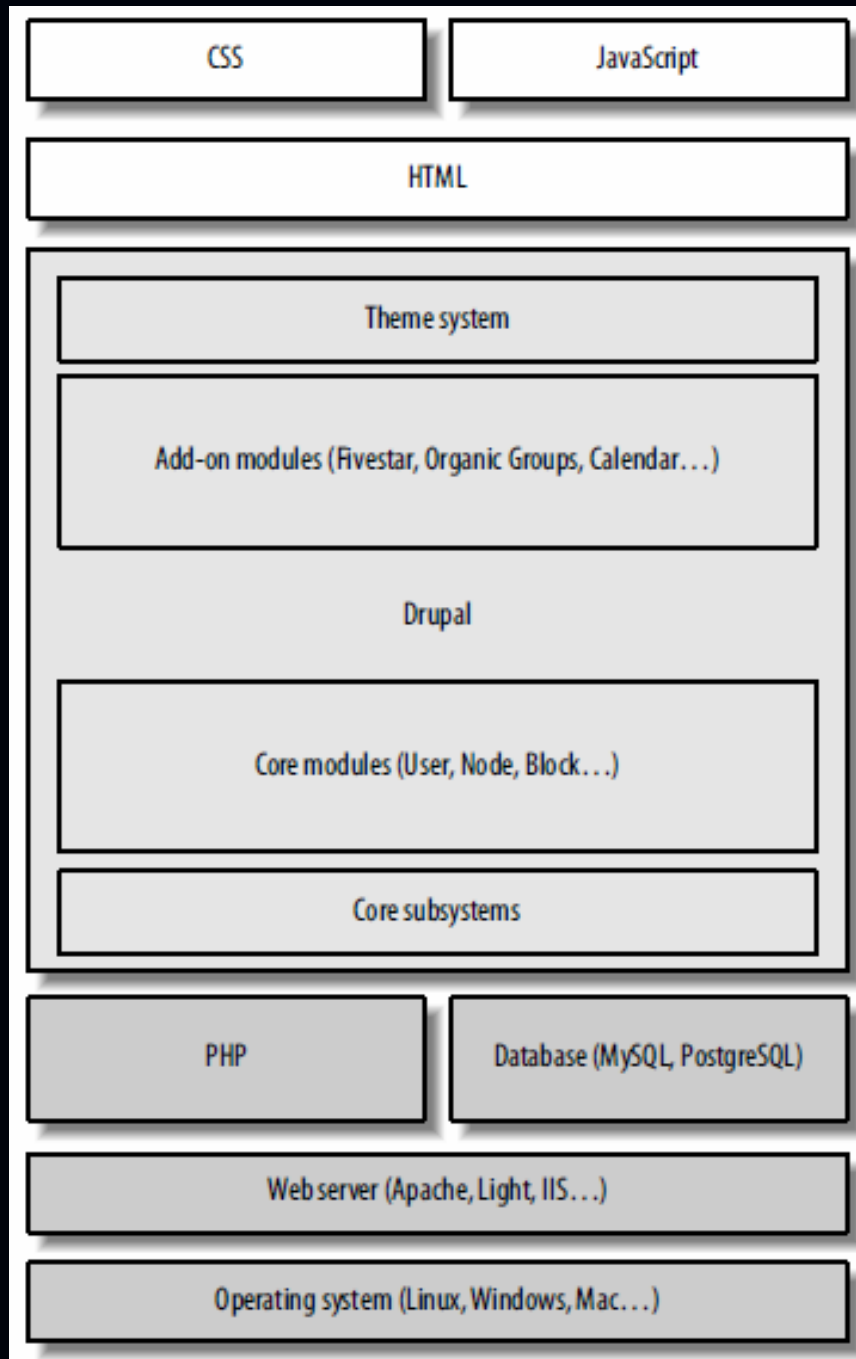
- A custom module that allows programmers to add custom fields to custom content (a.k.a *node types*) – without programming!
- Why? Take for example... A site for AOS Conference 2010.
 - Name of the Event
 - Participants | Topics
 - Date
 - Location
 - Link to Photos
 - Link to PDFs of the topics discussed



VIEWS MODULE

- Allow lists or tables of content to be presented in very flexible ways.. In ways the core Drupal cannot provide us
- It's also been called a 'query builder'
- Some very common use cases:
 - You like the default front page view, but you find you want to sort it differently.
 - You like the idea of the 'article' module, but it doesn't display articles the way you like.
 - You want a way to display a block with the 5 most recent posts of some particular type.
 - You want a monthly archive similar showing link form of “Month, YYYY (X)” in a block.





HOW DRUPAL STACKS UP



Shop Singapore 2010

Thank You



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