

Using Drupal

OSCON 2009

HELLO

my name is



James Walker

“walkah”



Addison Berry

“add I sun”

Choosing and Configuring Modules to Build Dynamic Websites



Using

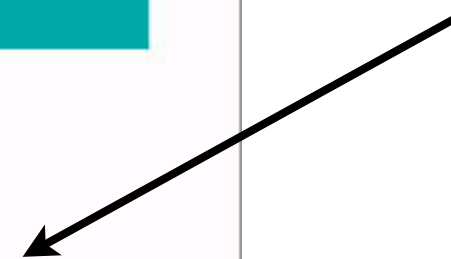
Drupal

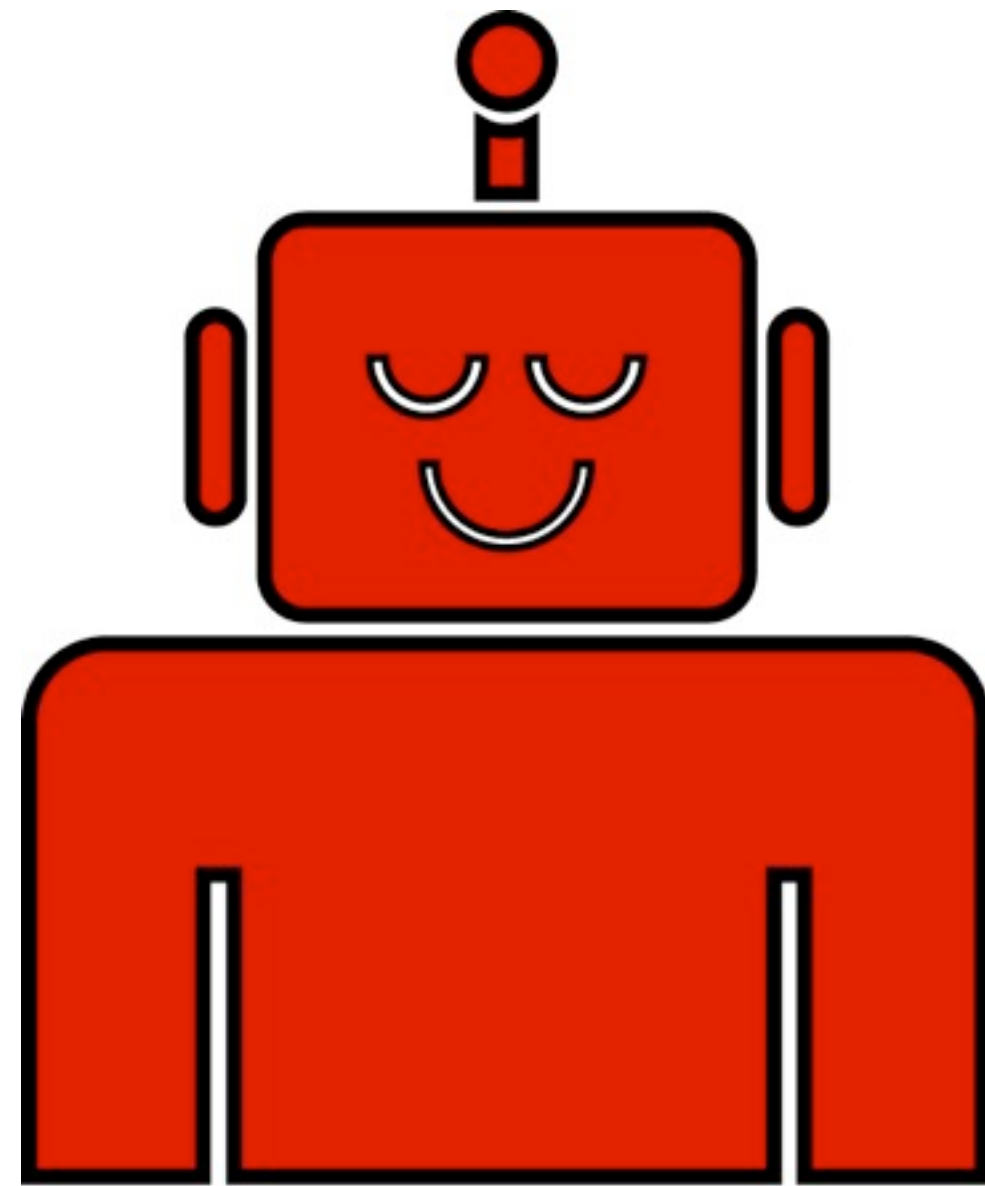
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*Angela Byron, Addison Berry,
Nathan Haug, Jeff Eaton,
James Walker & Jeff Robbins*

“walkah”

“add l sun”





Lullabot.com

What is Drupal?

Drupal is...

- Content Management System
- Content Management Framework
- Community

Lego for building websites

Building a Drupal Site

- Install
- Basic configuration (permissions, etc)
- Content types
- Views
- Theme
- Profit
- (ok, maybe some tweaking)

Thinking Drupal



Silona Bonewald
League Of Technical
Voters

Chris DiBona
Google, Inc.

Valerie Aurora
(formerly Henson)
Red Hat, Inc.

Brian Aker
Sun Microsystems,
Inc.



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OSCON Registration Hours

- **Monday, July 20**
7:00 am - 5:00 pm
(Tutorial registrations only please)
- **Tuesday, July 21**

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James Walker

Lullabot

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• [Web site](#)



Sessions

1:30pm Tuesday, 07/21/2009

Using Drupal

PHP, Web Applications

Location: Meeting Room J3

James Walker (Lullabot), Addison Berry (Lullabot)

Drupal is a highly modular, Open Source Content Management System with a wealth of powerful add-on modules. Learn to harness it all and build dynamic websites with Drupal from authors of the book, Using Drupal. [Read more.](#)

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Schedule: 3 hour tutorial sessions

8:30am Monday, 07/20/2009 

Mastering Perl

Location: Ballroom A7

brian d foy (Stonehenge Consulting Services)

Rate this session



Go beyond the syntax and idioms of Perl to manage your code base so it doesn't manage you. Show your Perl code who is in charge through benchmarking and profiling, configuration, logging, and fixing third party modules. [Read more.](#)

8:30am Monday, 07/20/2009 

Introduction to JRuby


Location: Ballroom A2

Neal Ford (ThoughtWorks)

Rate this session



JRuby is Ruby on the Java Platform, so it brings the advantages of Ruby to the JVM and the advantages of Java to Ruby. This session shows Ruby syntax and lots of integration techniques with Java, including building Swing-based UI's using Swiby and how to unit test Java code with JRuby. [Read more.](#)

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Introduction to Google App Engine

Location: Ballroom A3/A6

Joe Gregorio (Google)

Rate this session



Overview of App Engine and its major components, including an overview of the APIs the SDK provides, the underlying technologies App Engine is built on. Tutorial is a hands on event where we will build multiple

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Installation

Requirements

- Linux (any OS will do, really)
- Apache (recommended, while others can work)
- MySQL (or Postgres)
- PHP (just PHP)

<http://drupal.org/requirements>

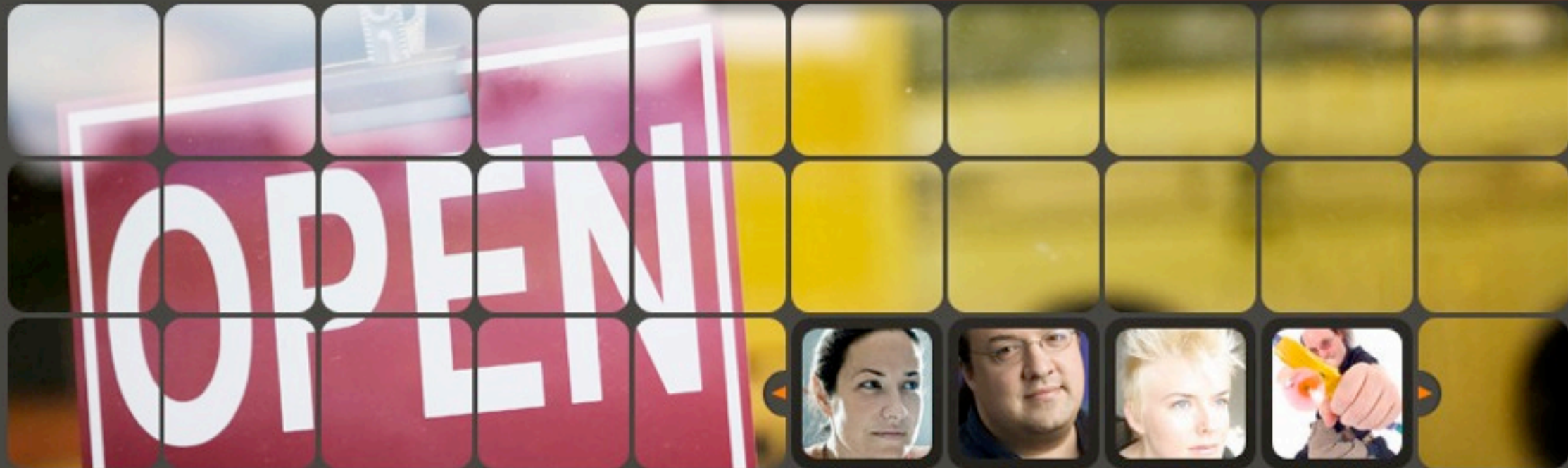
Basic settings

Site Information

- Site name
- Email
- Footer message, etc.
- Default front page

Menus

- Provide Navigation
- Entries added by modules
- Administrators can override



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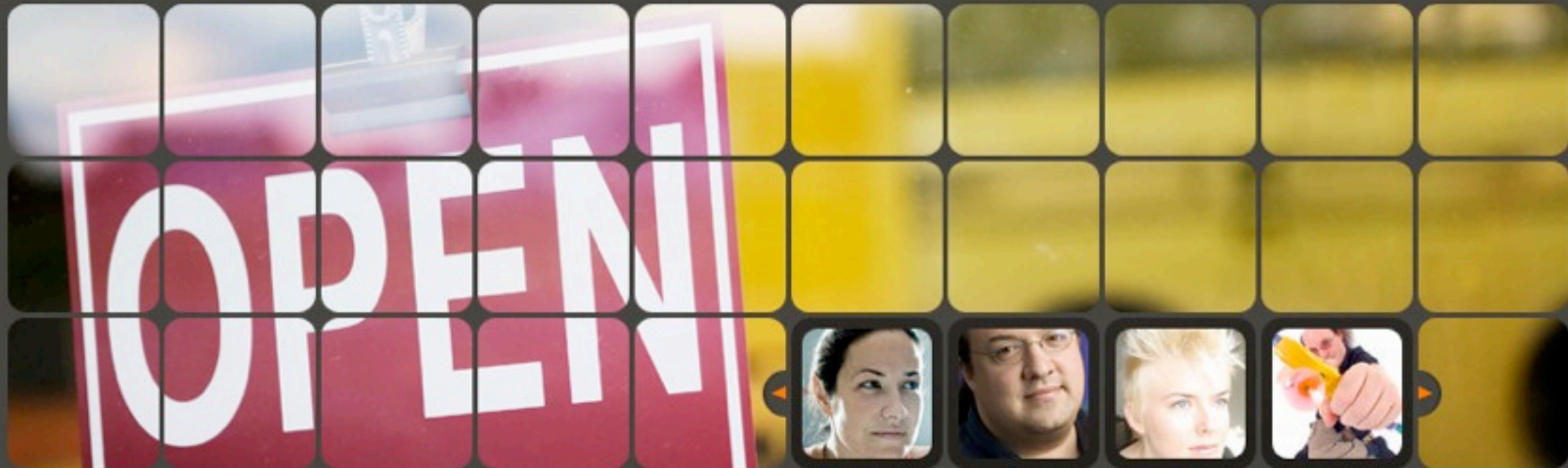


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Blocks

- Contained in regions
- Theme can define any number of regions
- Additional content: lists of links, additional info, etc



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Taxonomy

- Used for categorizing content
- Multiple vocabularies
- Supports flat lists, hierarchies, and free tagging “folksonomies”

Content Types

Content Types

- Multiple content types - created by admins
- Different workflows
- Different structure - via CCK

Speaker

- Name (title)
- Bio (body)
- Company (field_organization)
- Photo (field_speaker_photo)



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Session

- Title (title)
- Description (body)
- Room (field_room)
- Session Type (field_session_type)
- Date (field_date)
- Speakers (field_speakers)



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Views

Views

- Query builder - with a GUI
- Generates listings of *stuff*
- Provides multiple displays
- Highly extensible



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Theme

Theme

- Controls the look and feel
- CSS, JS, Images and PHP files (on disk)
- Can override how *anything* looks

Demo

