Drupal

- WPLUG
- General User Meeting
- January 9, 2010

Who am I

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Drupal

What is Drupal?

Main Competitors

Requirements

Structure

Installation

What is Drupal?

- Content Management System
  - Why use a CMS?
  - Why use Drupal?
    - Open source
    - Builds dynamic web sites

What is Drupal?

- Written in PHP
- Allows multiple web sites using the same Drupal installation

Main Competitors

- Joomla
- WordPress

System Requirements

Web Server	PHP
Apache MicroSoft IIS	
Database MySQL PostgreSQL	(LAMP SERVER) (Ubuntu Server Edition)

Structure

- Node
- Module
- Theme
  - Defines what regions are displayed on each page
- Block
- Page
- Story

Structure

- Block
- Page
- Story
- Region
  - Sidebar, Header, Footer, Content

Structure

- Users
  - User or Admin Created
  - User/1 - SuperUser
- Roles
  - Anonymous User (Default with Drupal)
  - Authenticated User (Default with Drupal)
  - Site Manager – has all permissions
  - Editor – create and edit content
- User Permissions

Basic Data Flow

- Your browser requests a web page
- The server finds the requested page and passes it to PHP
- The PHP program contains code to extract information from the database and piece together an HTML script
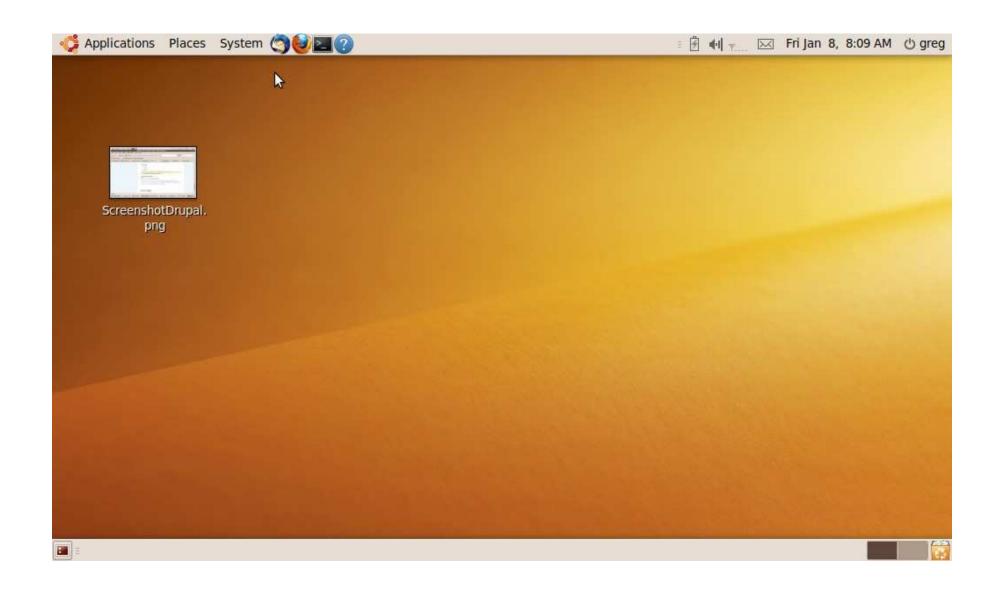- The HTML script is sent to your browser

Installation

- http://drupal.org/getting-started/install
- http://drupal.org/project/drupal
- http://acquia.com/
  - Drupal core modules plus
    - Calendar module
    - CCK - custom content types
    - Views module – customized database queries
- Run the install script

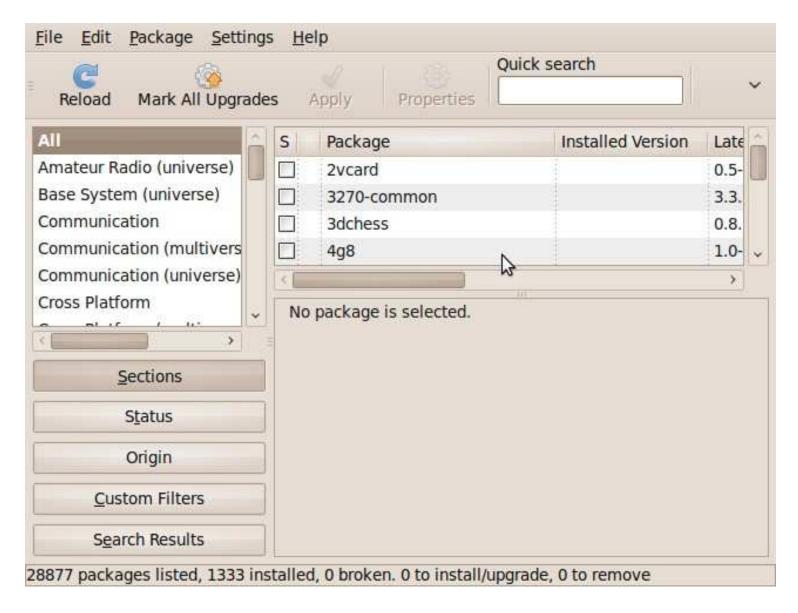# Starting with Drupal

WPLUG GUM

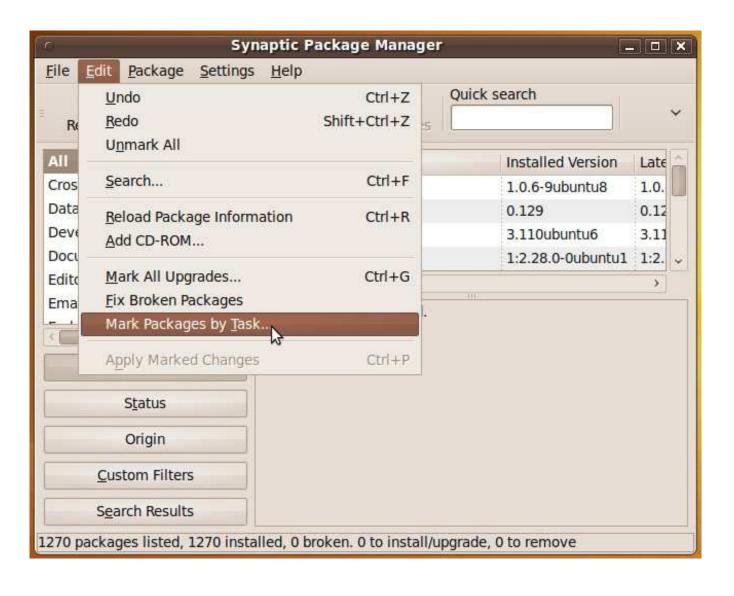Saturday, Jan 9, 2010
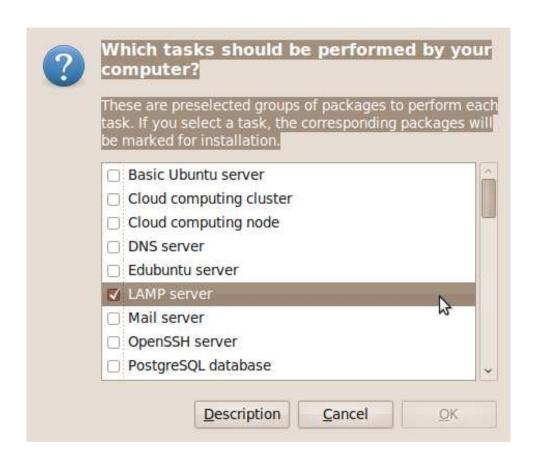
Start with Familiar Ubuntu Desktop

Launch Synaptic

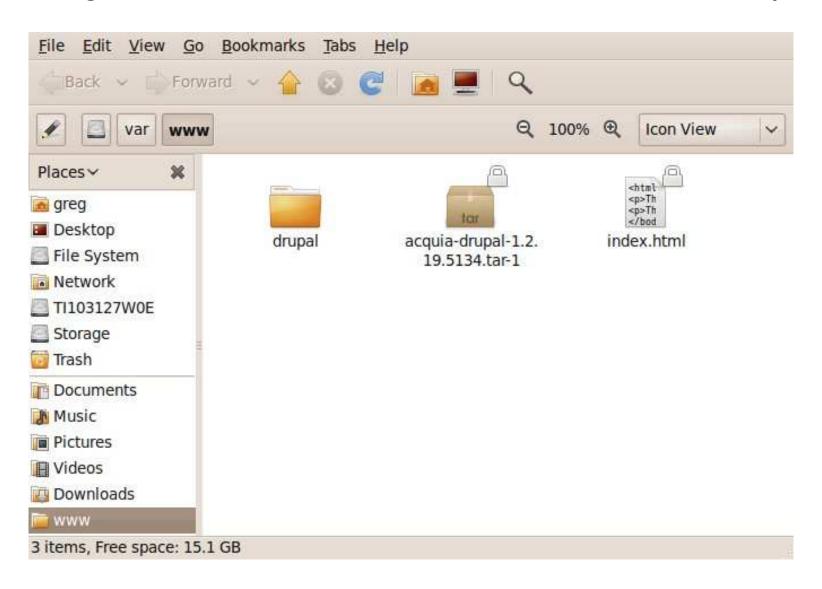# Don't Use Normal Synaptic Procedure
It took me a month to recover
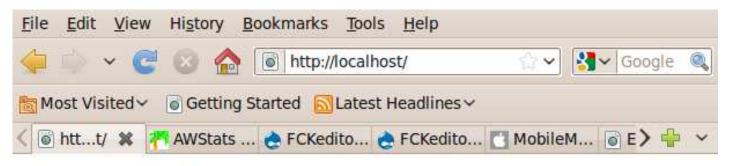
Use Mark Packages by Task
On Edit Menu

Select LAMP Server

LAMP install creates /var/www folder to store web files, starting with index.html. Added a folder here for drupal.

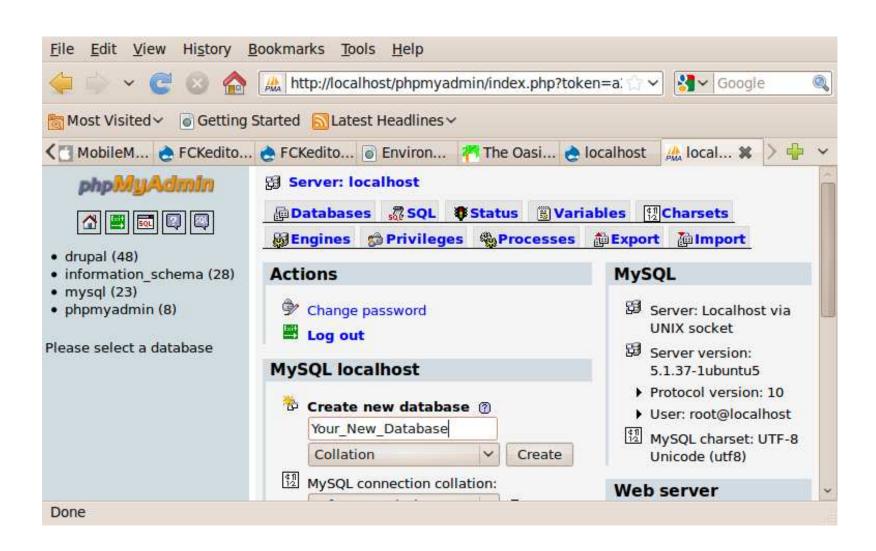# With Proper Install, http://localhost will display dummy page.

File   Edit   View   History   Bookmarks   Tools   Help

http://localhost/   Google

Most Visited ∨   Getting Started   Latest Headlines ∨

htt...t/ ✖   AWStats ...   FCKedito...   FCKedito...   MobileM...   E

It works!

This is the default web page for this server.

The web server software is running but no content has been added, yet.

Done

After installing phpadmin from Synaptic, browse to http://localhost/phpmyadmin to create db

Easy to Install

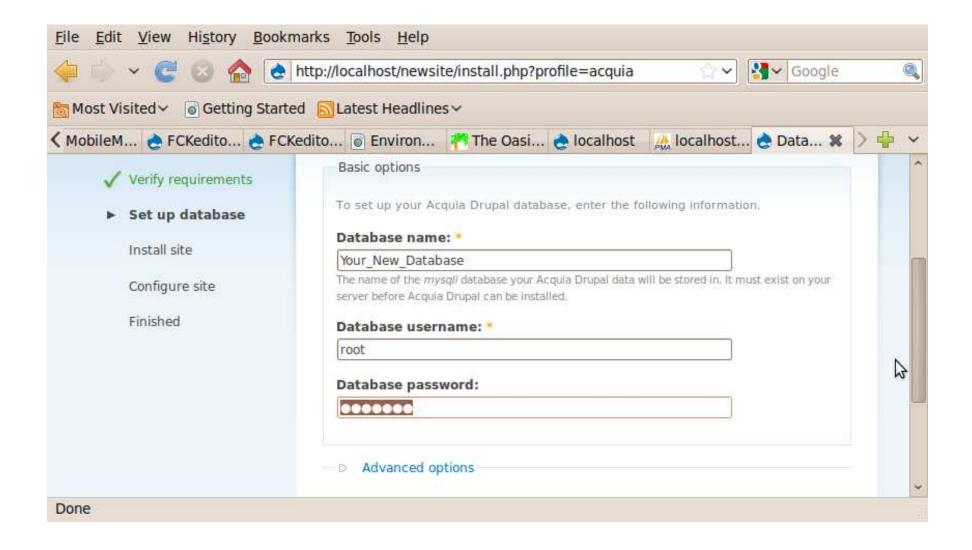Browse to new folder and Drupal installation starts automatically
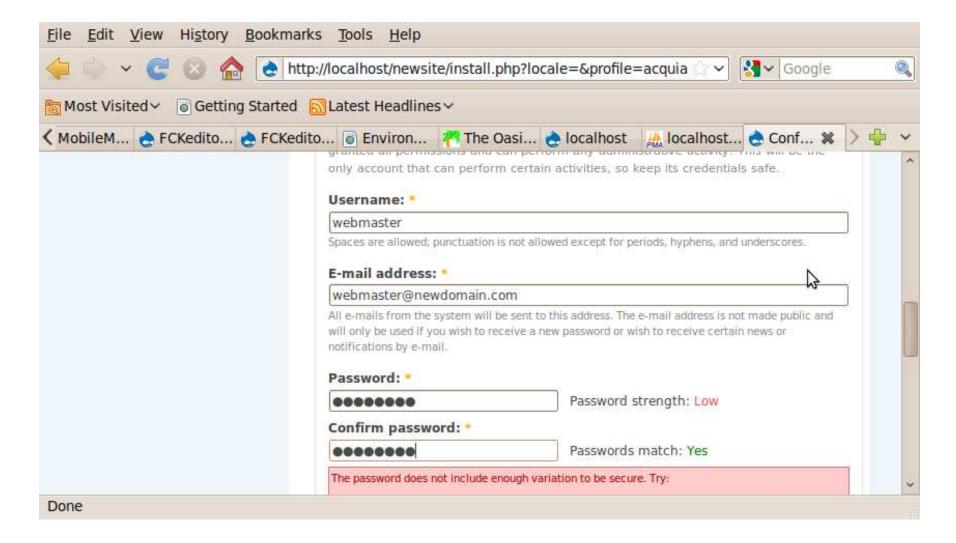
Acquia Drupal Installation

Error Cleared

Enter New db in Install

http://localhost/newsite/install.php?profile=acquia   ☆ ∨   Google

Most Visited∨   Getting Started   Latest Headlines∨

‹ MobileM...   FCKedito...   FCKedito...   Environ...   The Oasi...   localhost   localhost...   Data... ✖   › ➕ ∨

✓ Verify requirements

▶ **Set up database**

Install site

Configure site

Finished

Basic options

To set up your Acquia Drupal database, enter the following information.

Database name: *

Your_New_Database

The name of the *mysqli* database your Acquia Drupal data will be stored in. It must exist on your server before Acquia Drupal can be installed.

Database username: *

root

Database password:

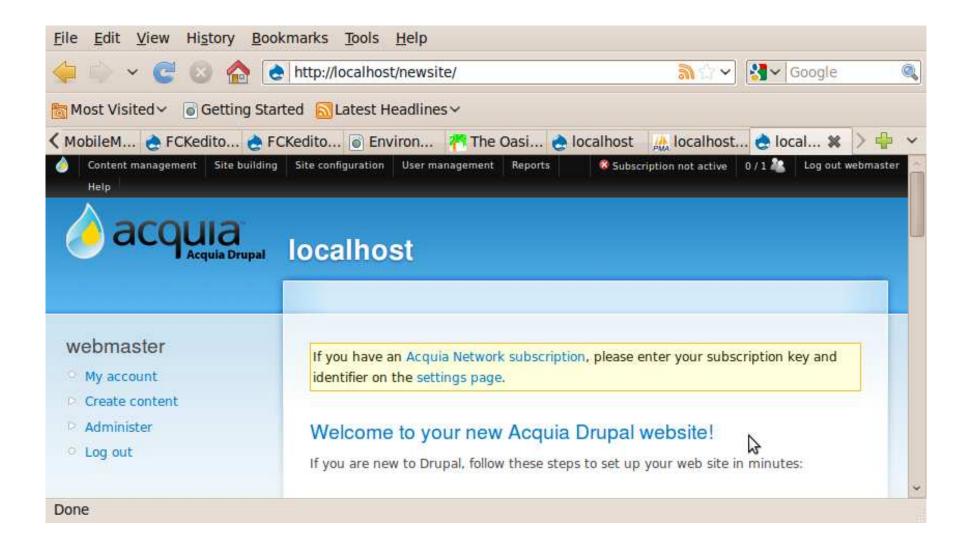●●●●●●●

▷   Advanced options
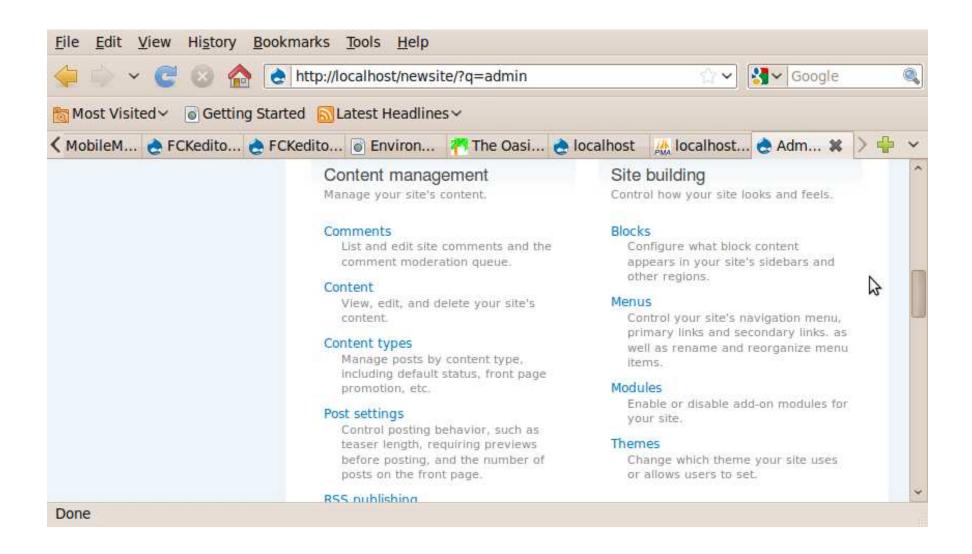
Done

Drupal Installs Easily

Complete short config

Completion Notice

New Site with User 1 logged in.

Click on Administer to Access all the magic - See Modules and Themes

Discussion

- Who has comments?