

# What

*is a*

# CMS







**C**ONTENT  
**M**ANAGEMENT  
**S**YSTEM



TEXT PATTERN

Media Library

All (60) | Images (59) | Video

Bulk Actions Apply

File

Tybee Island.JPG Edit Delete

Maggie at MP4

tern is a flexible, elegant-to-use content management system. It is both a source.

publishing on the internet, beginner met with a bothersome paradox: web graphics applications allow anyone to aging text and images on a personal se available to the worldwide web – a ment of documents and destinations – sudden requirements for multilingual ills, proficiency in computer-based gr mately, the patience of a saint.

er on anyway may find themselves fu 's purported inflexibility with written l e to cope with all but the plainest of f e results brought about by using "WYS

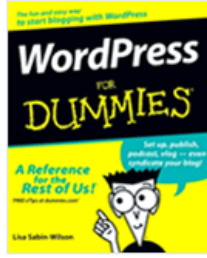
web application designed to help over s to publishing online, and to simplify Oneill-structured, standards-compliant we com Plug and XHTML

tern is Textile, a "freir nudging plain text into to p d and stylistically rich dinarily fussy text from ch as headers, adm e tags and tables are

or two simple eared to navigating the tag soup of ma n Textile is much more intuitive, being linary text. Once you're ready to publ Textile is automatically converted to , rtpattern stores both versions of each lating is a snap.

g or readying articles for publication i can switch between three views of th . (the code with which a web browser ndered preview.

WordPress Books



WordPress for Dummies

Report a Site Bug | Privacy | GPL

# Indexhibit used to be an archetypal format for image, n

## Explore participant possibilities.

- free (for personal use but a donation)
- translated into 17 languages
- requirements: PHP 4.3+, MySQL 4.1
- works best with any 'modern' web b

Movable Type is a pro... This is our co... Find out more

### News and Announcements



#### Facebook Connect

Chris Ernest Hall - 4 d

Today we are pleased plugin for Movable Type Pro 4.2.3 Facebook Connect plugin director includes the plugin as well. It's av

This Open Source plugin adds Facebook Connect to any Movable Type powered site and allows any Facebook user to sign in, comment, and share their actions on Facebook.

Using Facebook Connect, MT automatically displays a commenter's Facebook user name and photo next to their comments. Then, Movable Type automatically lets all of a commenter's friends c commenter's Facebook profile. Th from your community, but from t

And Facebook Connect joins a r commenter's sign in on your M WordPress, or even our own Vox i sign-in option on your site. If you Motion demo site for a live exam

Important: please be sure to rev create a Facebook app in order for work properly.

Please note that this is an unsp bug reports. If you wish to report

## Support the Drupal.org redesign



## Drupal.org is upgraded

for Hojtsy - February 19, 2009 - 02:0... Thanks to the work of numerous pe n community, today we were finally side our infrastructure, plus we n for the upgrade, it took a few

## Drupal 6.9 and 5.15

for Hojtsy - January 14, 2009 - 23:5

Drupal 6.9 and Drupal 5.15, mainte nerabilities, are now available

## grading your existing Drupal 5

but the Drupal 6.x release series p al 5.0 release announce

## Eleven Wine Co

- February 20, 2009 - 08:02

Eleven Wine Company in Marin C ted the many sides of this uniqu

## CMS Made Simple:

If you are an experienced web need to do, to get a site up with with more advanced ambitions is an excellent community alwa

It's very easy to add content a the site. Design your website in into CMSMS to get it in the air.

## Latest News

### Announcing CMS Made Simple

Sat, 17 Jan 2009 posted by Robert Ca CMS Made Simple is now availa little in the way of enhancement Some of them were in the forge reported by valued members. The [...]

### CMSMS Workshop for Dutch-

Fri, 02 Jan 2009 posted by Ronny Krijt Coming January 24th, starting a users workshop. The location c Belgium and the Netherlands. T explanation of the last release, For the forum-post (in Dutch) w

### Announcing the Silk Framew

Wed, 31 Dec 2008 posted by Ted Kulp As I've worked on CMSMS 2.0, quite have an answer or reason 1. I wrote a lot of very generic develop in the long run. I think

### CMS Made Simple 1.5.1 - Sar

Thu, 04 Dec 2008 posted by Robert Ca It never fails.... even though we we can get people to test the tested. So though 1.5 was large them were one line [...]

# OPTIONS

Berta

Big Tree

BuddyPress

Carbonmade

Cargo

Drupal

Expression Engine

Fork

Indexhibit

Joomla

ModX

Moveable Type

.net framework

Pagelime

Perch

Plone

POS-IM

Radiant

SilverStripe

Sitefinity

SquareSpace

Symphony

Typo3

Umbraco

Wordpress



# WHAT A CMS DOES



**1.**

**AN INTERFACE**

The background features a light green monochromatic illustration. On the left, a surveyor is shown in profile, holding a long staff vertically. A dashed line extends from the top of the staff towards the upper right. To the right of the surveyor is a large, detailed drawing of a tree with a thick trunk and a full canopy of leaves. The letters 'a', 'd', 'e', 'o', 'B', and 'D' are scattered throughout the scene, likely serving as labels for specific points or features in a technical drawing or survey map.

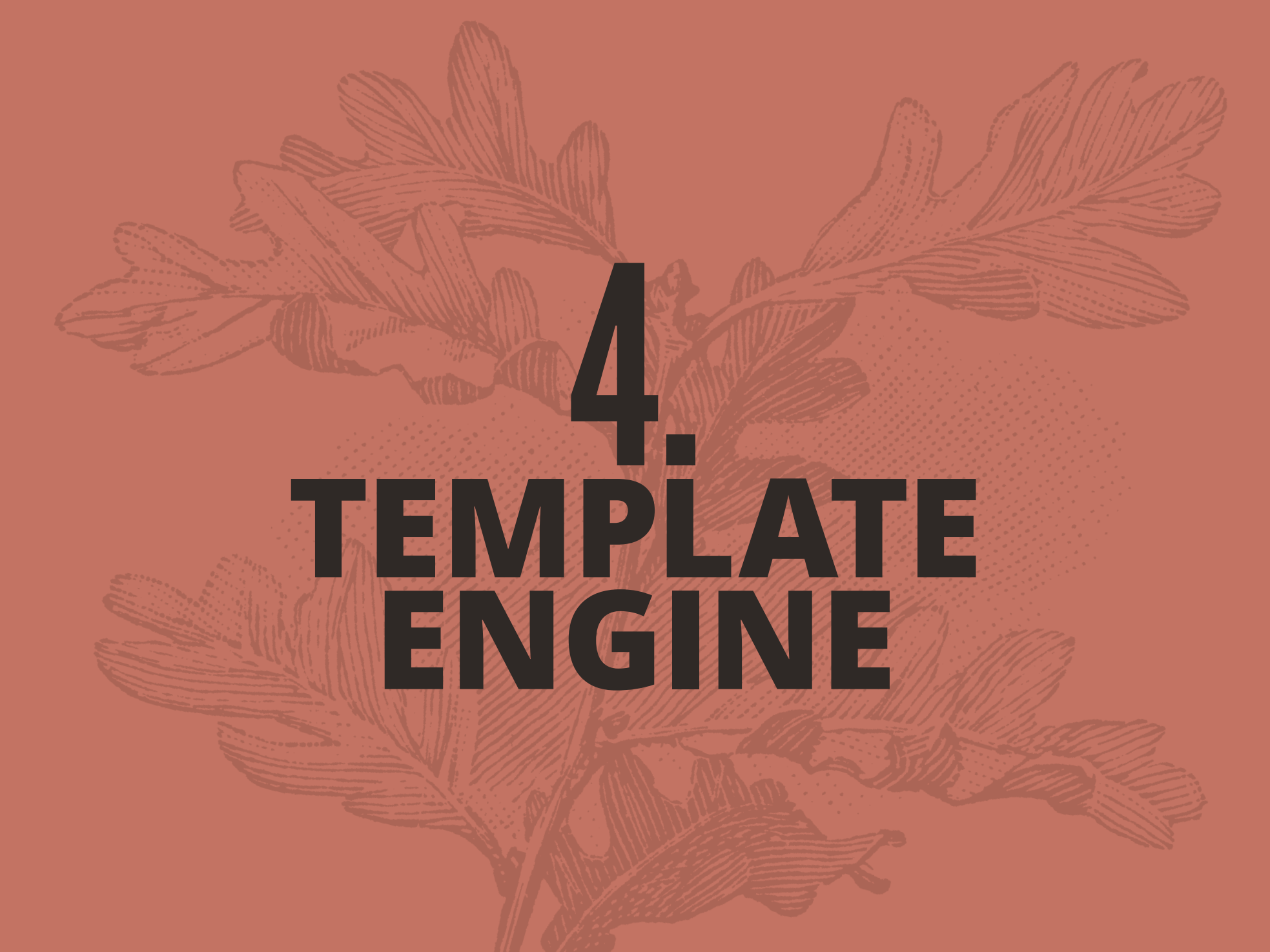
# 2. DataBase Communication





3.

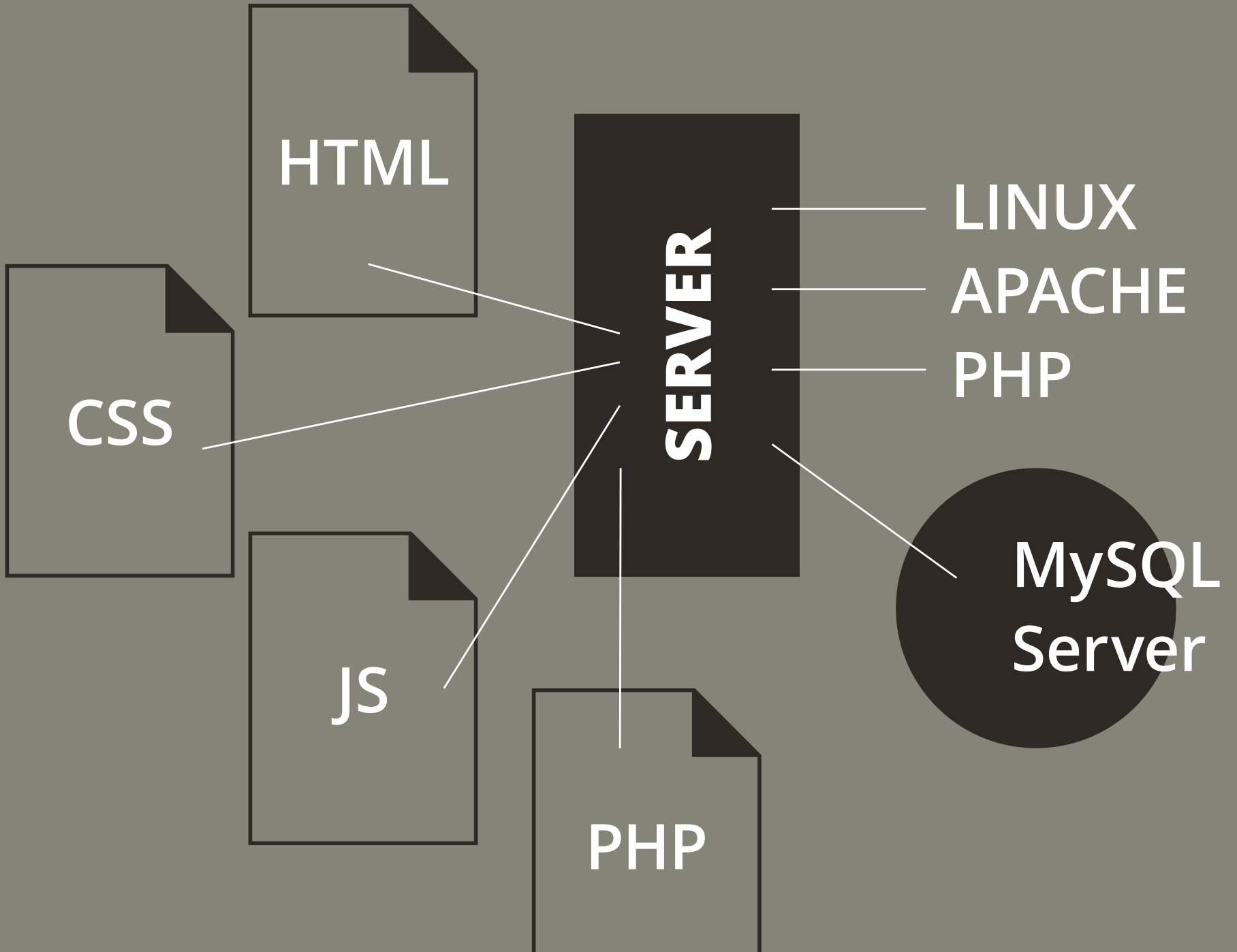
*Dynamic Page  
Creation*



# 4. TEMPLATE ENGINE

The background is a detailed technical drawing of a sailing ship's rigging and hull. It features a complex network of ropes, masts, and cross-arms. Various parts are labeled with letters (A through Z) and numbers (1 through 14). The drawing is rendered in a light, faded style against a dark background.

# HOW A CMS WORKS



HTML

**SERVER**

LINUX

APACHE

PHP

MySQL  
Server

JS

PHP



**Any  
Questions  
so far?**



# WHAT PHP LOOKSLIKE

```
function update_selection_form($form, &$form_state) {  
41     $count = 0;  
42     $incompatible_count = 0;  
43     $form['start'] = array(  
44         '#tree' => TRUE,  
45         '#type' => 'fieldset',  
46         '#collapsed' => TRUE,  
47         '#collapsible' => TRUE,  
48     );  
49  
50     // Ensure system.module's updates appear first.  
51     $form['start']['system'] = array();  
52  
53     $updates = update_get_update_list();  
54     $starting_updates = array();  
55     $incompatible_updates_exist = FALSE;  
56     foreach ($updates as $module => $update) {  
57         if (!isset($update['start'])) {  
58             $form['start'][$module] = array(  
59                 '#type' => 'item',  
60                 '#title' => $module . ' module',  
61                 '#markup' => $update['warning'],  
62                 '#prefix' => '<div class="messages warning">',  
63                 '#suffix' => '</div>',  
64             );  
65             $incompatible_updates_exist = TRUE;  
66             continue;  
67         }  
68         if (!empty($update['pending'])) {  
69             $starting_updates[$module] = $update['start'];  
70             $form['start'][$module] = array(  
71                 '#type' => 'hidden',  
72                 '#value' => $update['start'],  
73             );  
74             $form['start'][$module . '_updates'] = array(  
75                 '#theme' => 'item_list',  
76                 '#items' => $update['pending'],  
77                 '#title' => $module . ' module',  
78             );  
79         }  
80         if (isset($update['pending'])) {  
81             $count = $count + count($update['pending']);  
82         }  
}
```



```
<div id="header" class=""><?php print $secondary_menu ? 'with-secondary-menu' : 'without-secondary-m-
91
92 <?php if ($logo): ?>
93 <a href="<?php print $front_page; ?>" title="<?php print t('Home'); ?>" rel="home" id="logo">
94 " />
95 </a>
96 <?php endif; ?>
97
98 <?php if ($site_name || $site_slogan): ?>
99 <div id="name-and-slogan"<?php if ($hide_site_name && $hide_site_slogan) { print ' class="elem
100
101 <?php if ($site_name): ?>
102 <?php if ($title): ?>
103 <div id="site-name"<?php if ($hide_site_name) { print ' class="element-invisible"; } ?>
104 <strong>
105 <a href="<?php print $front_page; ?>" title="<?php print t('Home'); ?>" rel="home">
106 </strong>
107 </div>
108 <?php else: /* Use h1 when the content title is empty. */ ?>
109 <h1 id="site-name"<?php if ($hide_site_name) { print ' class="element-invisible"; } ?>
110 <a href="<?php print $front_page; ?>" title="<?php print t('Home'); ?>" rel="home"><s
111 </h1>
112 <?php endif; ?>
113 <?php endif; ?>
114
115 <?php if ($site_slogan): ?>
116 <div id="site-slogan"<?php if ($hide_site_slogan) { print ' class="element-invisible"; }
117 <?php print $site_slogan; ?>
118 </div>
119 <?php endif; ?>
120
121 </div> <!-- /#name-and-slogan -->
122 <?php endif; ?>
123
124 <?php print render($page['header']); ?>
125
126 <?php if ($main_menu): ?>
127 <div id="main-menu" class="navigation">
128 <?php print theme('links__system_main_menu', array(
129 'links' => $main_menu,
130 'attributes' => array(
131 'id' => 'main-menu-links',
132 'class' => array('links', 'clearfix')
133
```



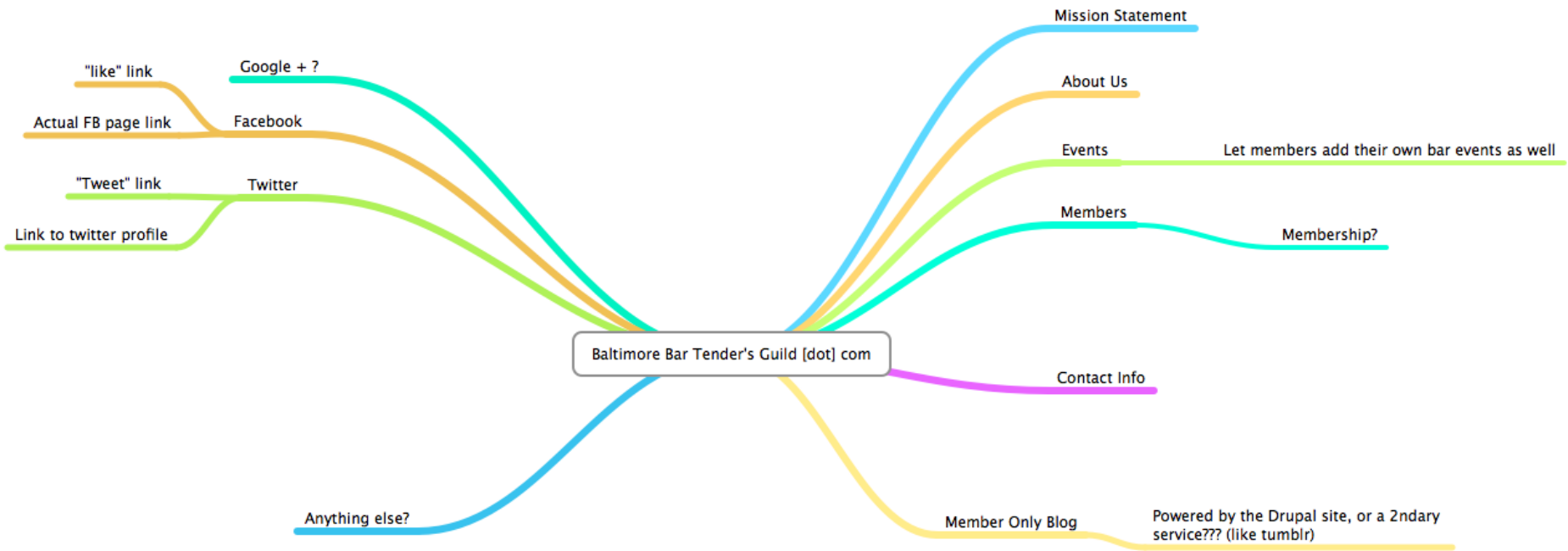
# PICKING A CMS

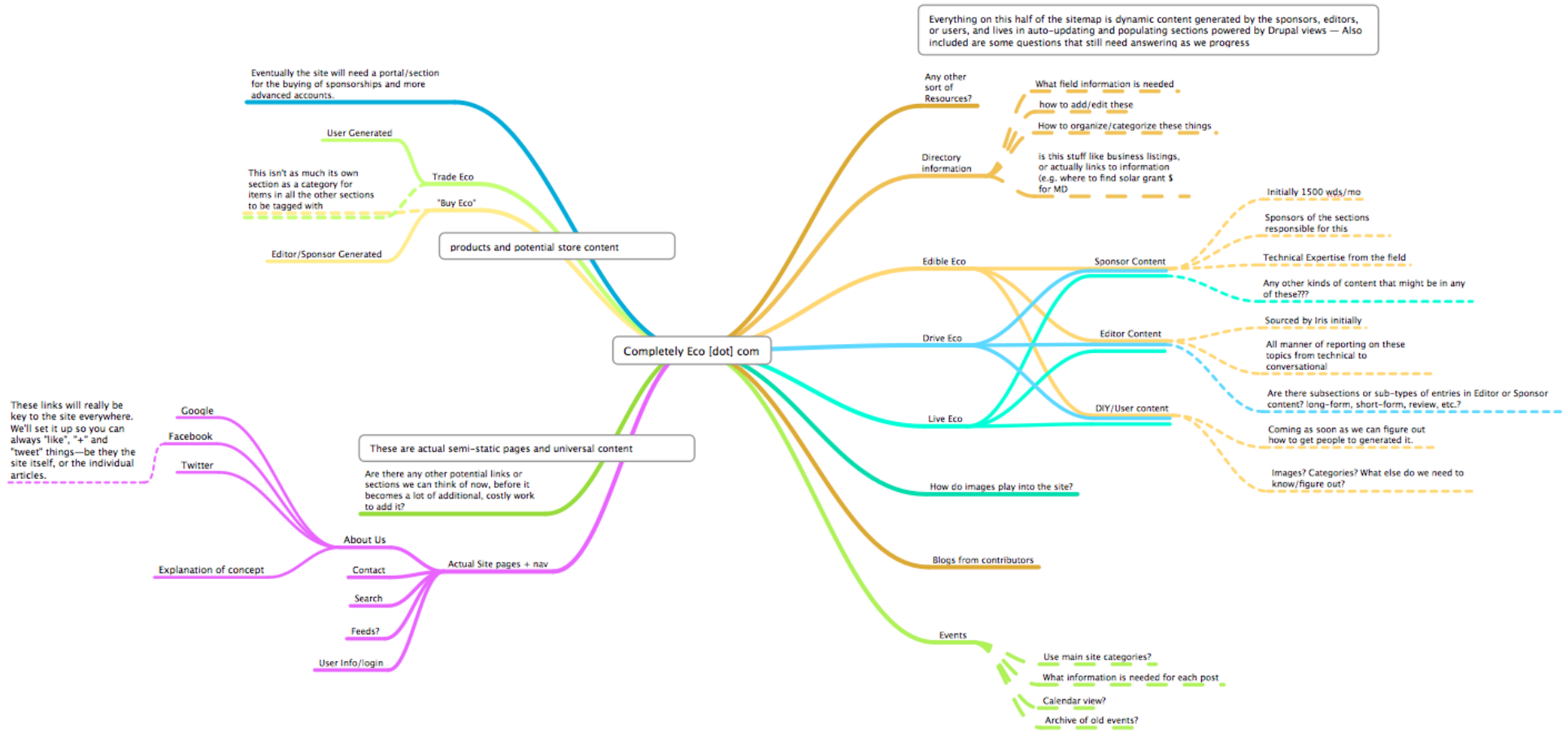


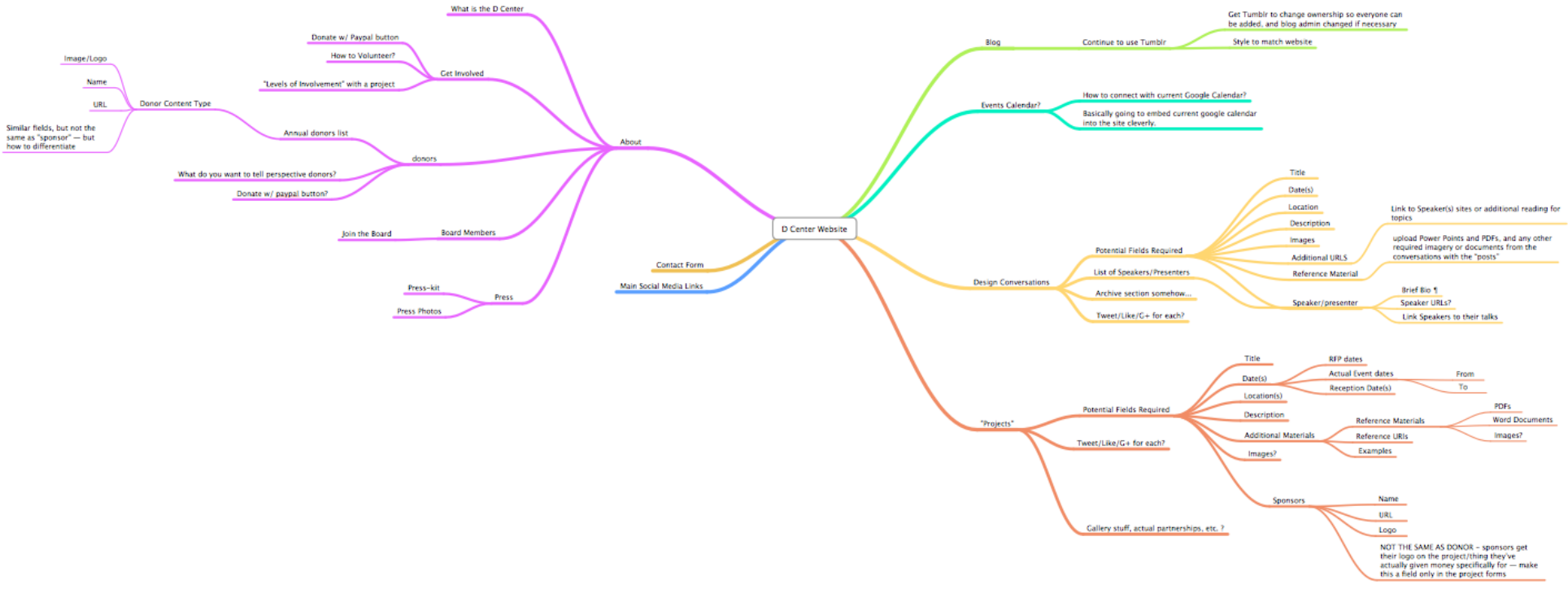
# 1. Sitemap

*M*

Baltimore Bar Tender's Guild [dot] com







Image/Logo  
Name  
URL  
Donor Content Type

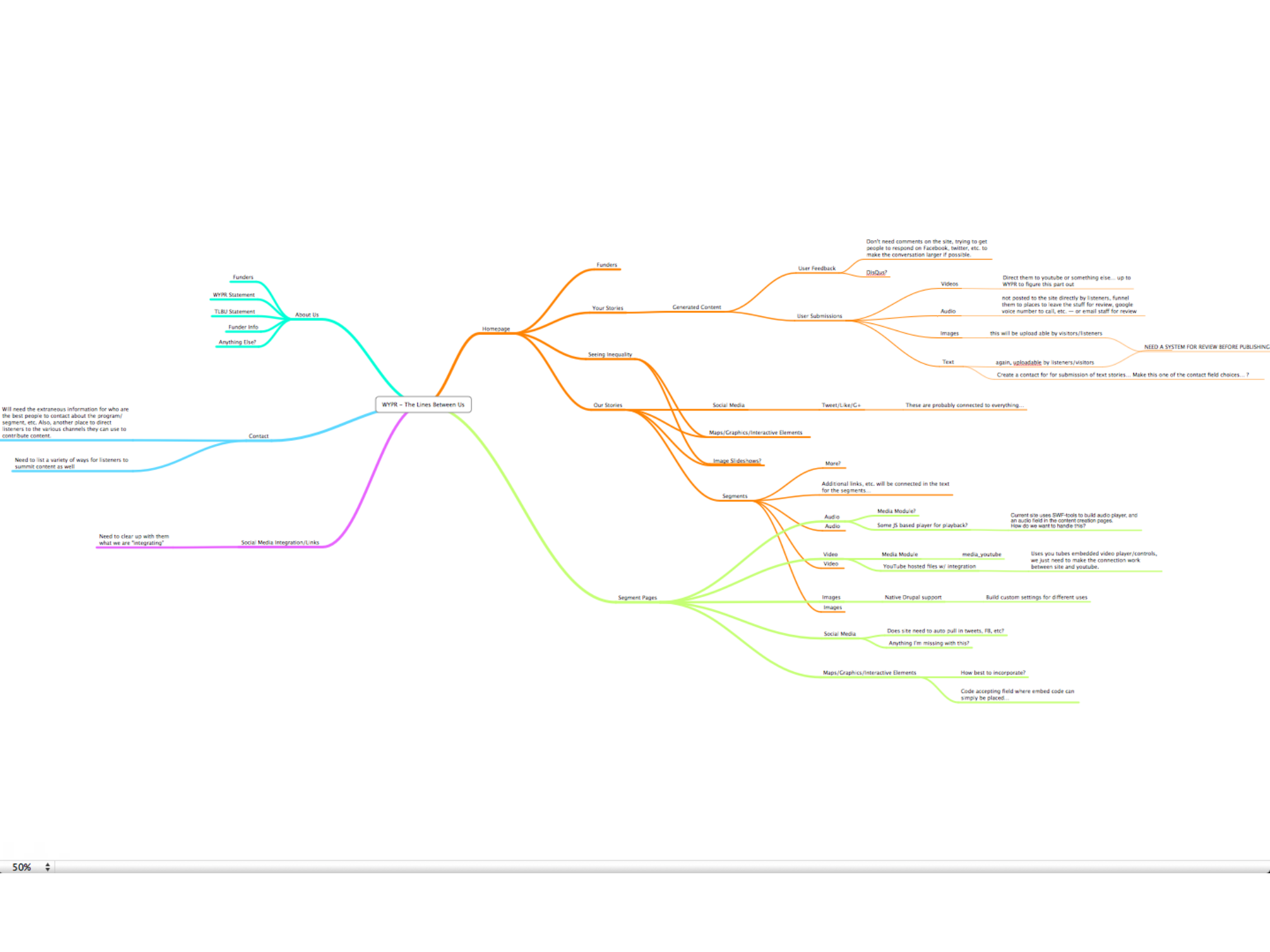
Similar fields, but not the same as "sponsor" — but how to differentiate

What do you want to tell perspective donors?  
Donate w/ paypal button?

Press-kit  
Press Photos

What do you want to tell perspective donors?  
Donate w/ paypal button?

NOT THE SAME AS DONOR - sponsors get their logo on the project/thing they've actually given money specifically for - make this a field only in the project forms





**- CONTENT TYPES**

**- TAXONOMY**


**- NAVIGATION STRUCTURE**

**- ETC.**






# 2. Budget

A technical drawing of a mechanical instrument, possibly a surveying level or a similar precision instrument. It features two large wheels, labeled 'a' and 'b', mounted on a frame. A curved scale is attached to the top of wheel 'b'. Dotted lines represent the internal structure and alignment of the instrument. The numbers '1' and '2' are visible near the top center of the drawing. The entire image is rendered in a light green color on a dark green background.

# 3. UPDATE- ABILITY



# 4. USER GENERATED CONTENT

The background is a solid red color with a faint, sketchy illustration of a person's face, possibly a man with a beard, looking upwards. There are also some arrows and a number '9' scattered around the sketch.

# **5. SERVERS**

**(OR NOT WANTING TO HAVE THE  
HASSLE OF SERVERS)**

The background features a complex, layered geometric design. It consists of several overlapping, semi-transparent planes that create a sense of depth and perspective. These planes are decorated with various patterns: some have a fine grid, others have a pattern of small circles, and some have horizontal or vertical lines. The overall color palette is a muted, dusty purple or lavender. The text '6. JUST BECAUSE' is superimposed over the center of this design in a large, bold, black, sans-serif font.

# 6. JUST BECAUSE



**PRO**CMS

**UPDATE VIA WEBSITE**

**EASY TO KEEP NAVIGATION, ETC.**

**UP TO DATE**

**STYLES EASILY FLOW ACROSS ALL  
PAGES**

**CLIENTS CAN UPDATE THEIR OWN  
CONTENT**

**CAN BE QUICK TO ROLLOUT**

**MANAGE USERS (WHEN NECES-  
SARY)**

**FORMS CAN BE BUILT RIGHT IN**

**...**



**CONCMS**



**COMPLEXITY BEHIND THE SCENES  
SOFTWARE MUST BE KEPT UP TO  
DATE**

**MORE LANGUAGES TO LEARN  
CAN BE SLOW TO LOAD**

**NEW CONTENT TYPES OR SINGLE  
PAGES WITH UNIQUE DESIGNS  
CAN BE HARD TO ADD**

**MORE TIME TO INITIALLY SETUP  
FOR SMALL PROJECTS**

...



**NOT USING A  
CMS**

*now is the time for*

# QUESTIONS

