Intermediate Drupal 7 Theming

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http://www.drupaleasy.com

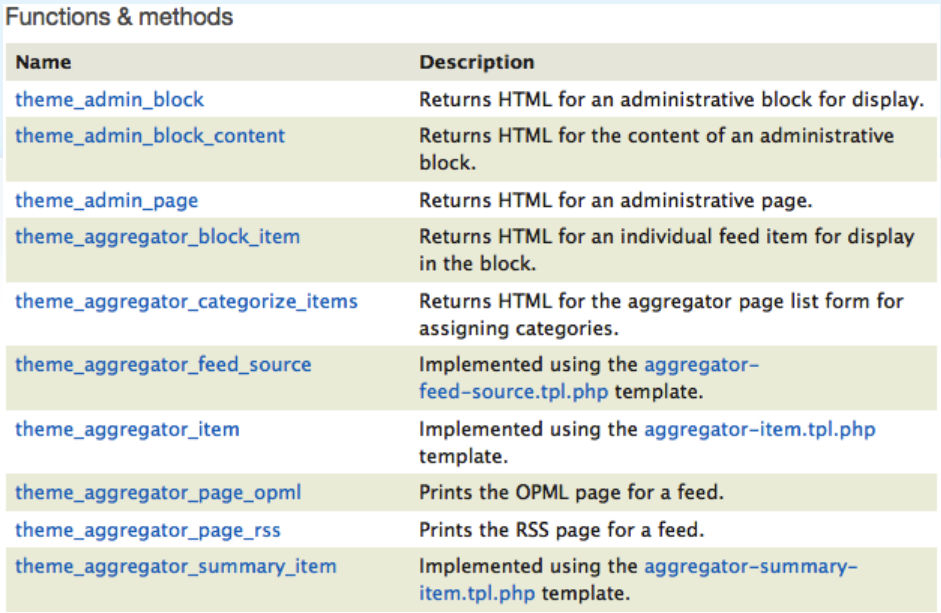
Drupal

Assumptions

- Copy/Paste PHP
- Configure Views
- Use Fields (CCK)
- Enough HTML and CSS to be Dangerous

Copy/Paste PHP

```
<?php if ($page['highlight']): ?>
    <div id="highlight">
        <?php print render($page['highlight']); ?>
    </div>
<?php endif; ?>
```



Functions & methods

Name	Description
theme_admin_block	Returns HTML for an administrative block for display.
theme_admin_block_content	Returns HTML for the content of an administrative block.
theme_admin_page	Returns HTML for an administrative page.
theme_aggregator_block_item	Returns HTML for an individual feed item for display in the block.
theme_aggregator_categorize_items	Returns HTML for the aggregator page list form for assigning categories.
theme_aggregator_feed_source	Implemented using the aggregator-feed-source.tpl.php template.
theme_aggregator_item	Implemented using the aggregator-item.tpl.php template.
theme_aggregator_page_opml	Prints the OPML page for a feed.
theme_aggregator_page_rss	Prints the RSS page for a feed.
theme_aggregator_summary_item	Implemented using the aggregator-summary-item.tpl.php template.

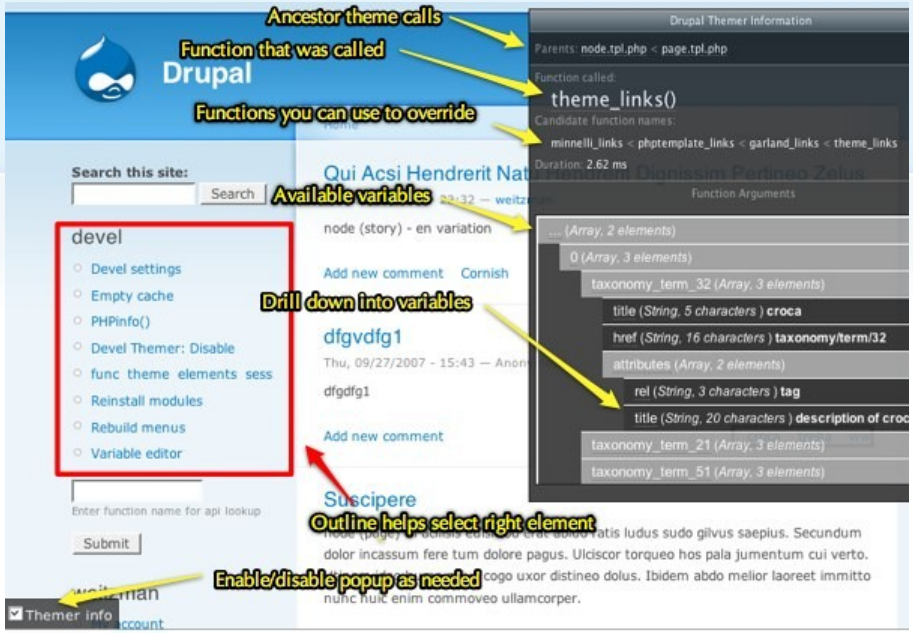
api.drupal.org

Default Theme Implementations

Functions and templates for the user interface to be implemented by themes.

http://bit.ly/d7theme

Drupal



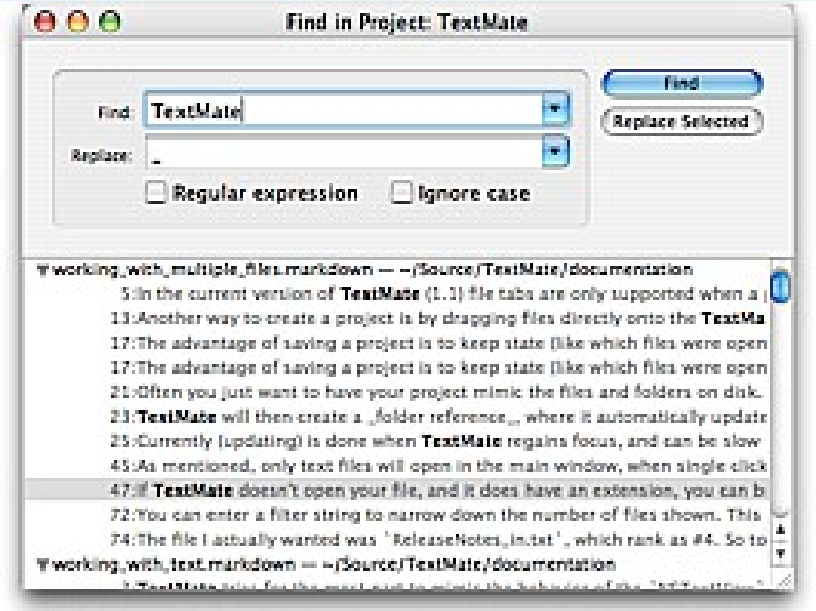
drupal.org/project/devel_themer

Theme Developer Module

"Firebug for Drupal themeing."

Enable it when needed,
and disable it afterwards.

Drupal



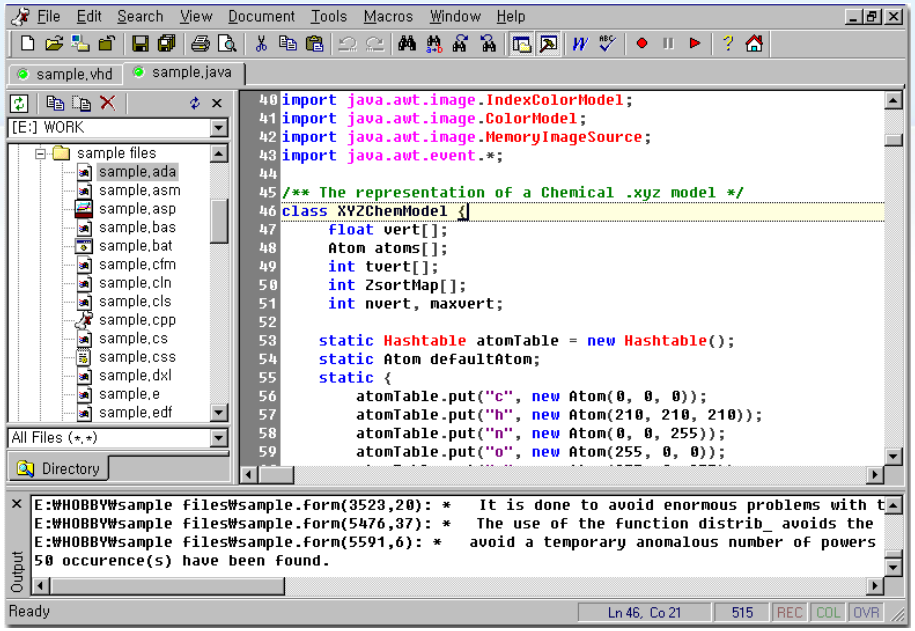
macromates.com

TextMate

"The Missing Editor for Mac OSX"

"Find in Project" saves my life daily

See also: Smultron, KOD, TextWrangler, Coda



crimsoneditor.com

Crimson

“The Professional Source Editor”

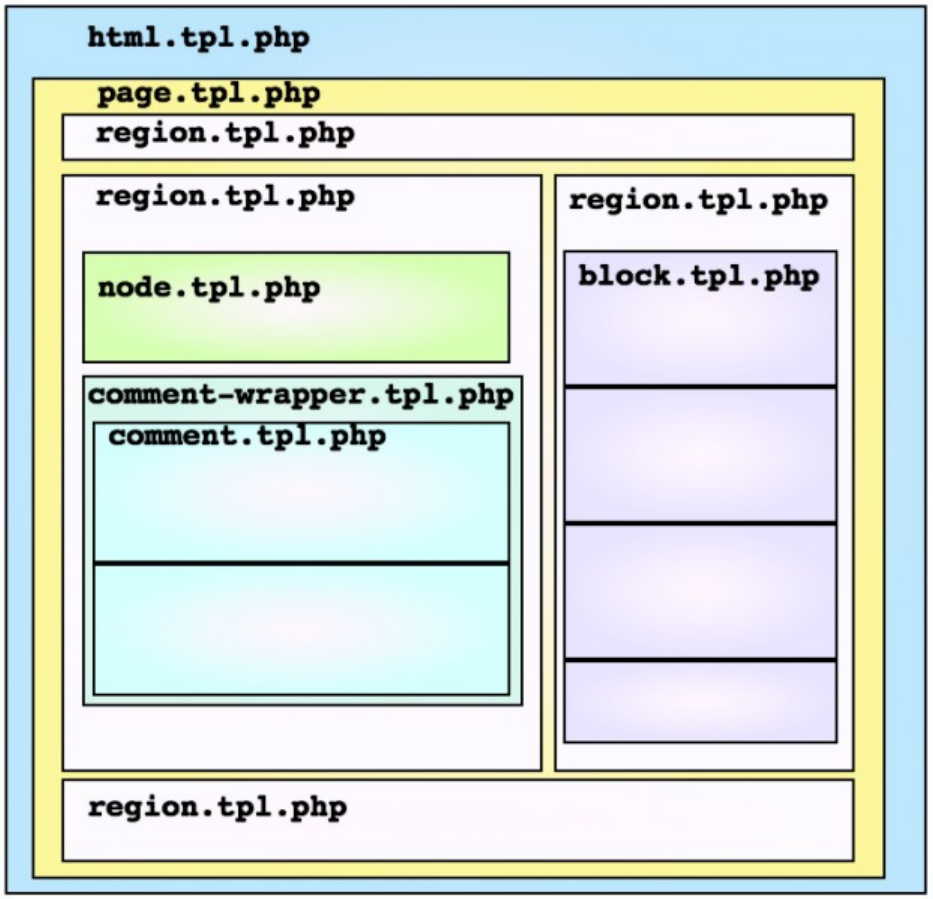
Also: e-texteditor, UltraEdit, Notepad++, InType, ConTEXT Visual Web Developer Express

Drupal

Drupal 7 Theming

- Template-driven (.tpl.php)
  - **HTML** – *open <HTML> and <HEAD>*
  - **Page** – *Regions, Layout, Special Variables*
    - *site_name, logo, main_menu, tabs*
  - **Region** – *Blocks, including Main Content*
  - **Block** – *almost everything*
  - **Node** – *on node pages, views*
  - **Field** – markup for each field
- Clear the theme registry (cache)!

Template Nesting



html.tpl.php

Drupal

Template Naming Suggestions

- More Complicated, More Powerful
- Node
  - node--blog.tpl.php
  - node--1.tpl.php
  - node--%--edit.tpl.php
- Page
  - page--front.tpl.php
  - page--views.tpl.php
- Clear the theme registry (cache)!

Theme Hook Suggestions

- theme('hook__foo__bar', $vars)
  - 'hook__foo__bar'
  - 'hook_foo'
  - 'hook'
- hook_theme() got more powerful
  - You can now add new suggestions
  - http://api.drupal.org/hook_theme

Theme Hook Suggestions

```
function bartik_preprocess_page(&$vars, $hook) {
   $vars['theme_hook_suggestions'][] =  'page__blog';
}
```

Views 3 Theming

- Some of “Semantic Views” is now included
  - Wrap entire field, label and value
  - Classes custom on just about everything
- Template-driven
  - **Display** – entire view (header, footer, paging, ...)
  - **Style** – how rows are laid out (rows, grid, ...)
  - **Row** – how each row is laid out
  - **Field** – how each field is laid out
- Theme: Information is your friend
- Consistent template naming with Core (-- vs. -)

CCK Theming

- (Mostly) Template-driven
- override node.tpl.php

Template.php preprocess functions

- Create/modify a variable for a template.

Overriding Theme Functions

- Theme developer module
- theme() function
- theme_ > phptemplate_ > themename_

More Info

- http://pingv.com/blog/a-peek-at-drupal-7-theme-sys
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