Drupal Tips 'n Tricks

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Who we are

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Agenda

- Top 3 Performance Hints
- 5 Modules to Improve User Administration
- Theming Tips

Performance Hints

- CCK fields
  - Do you really know the structure?
  - Avoid Using Multivalued CCK Fields if it is not a necessity
  - Dispatch Fileds If necessary
  - Avoid Using Shared CCK fields
- Avoid Multiple Node Loads
  - TIP: USE $global current_node;

Performance Hints

- Rewrite queries when necessary
  - Hook customviews_views_pre_execute(&$view) {

```
function customviews_views_pre_execute(&$view) {
    if ($view->name == 'user_views') && ($view->current_display == 'block_1') {
$view->build_info['query'] = str_replace('WHERE', "WHERE users.access <> 0 AND ", $view->build_info['query']);
    $view->build_info['count_query'] =
        str_replace('WHERE', "WHERE users.access <> 0 AND ", $view->build_info['count_query']);
    }
}
```

5 Modules to Improve User Administration

We really love Drupal's concept!
We do not need any Administration Theme!

1. Taxonomy Super Select
2. Taxonomy Hierarchical Select
3. Vertical Tabs
4. Region Visibility
5. Override node options

Hint: Do not hesitate to use hook form Alter to hide unwanted buttons! (I.e. Do you really need preview button?)

Theming - How we do it

- Base theme
- Customization
- Less module
- Skinr module
- Views + Cycle plug in = love

Base theme (aka as parent theme)

- Zen
  - it's more than a simple parent theme
  - it's straightforward and easy to adapt
  - nice CSS structure (different CSS files for drupal elements such as blocks, views, nodes, panels, etc.)
- Considering move to Basic theme
- Fusion
- Framework
- and many more...

Customization

- Child theme (Zen's starterkit)
- Areas (instead of panels)
- template.php (instead of template re-writes)
- template files (node, node-teaser, etc.)

Less module

- CSS on steroids (http://lesscss.org/)
  - Variables
  - Mixins
  - Nested rules
  - Operations
- Progressive enhancement (css3.less)
- Code seperation (colors.less)

Less module Code example

- ## Code example

```less
/* Variables */@brand_color:#ccc;#header {

background:@brand_color; }

h2 { color:@brand_color; }/* Mixins */
.rounded_corners (@radius:10px) {-moz-border-radius:
@radius;-webkit-border-radius:@radius;border-
radius:@radius;}
```

```less
#header { .rounded_corners; }#footer { .
rounded_corners(5px); }
/* Nested Rules */#header { color:red; a { font-
weight: bold; text-decoration: none;  }}
```

Skinr module

- helps you to define a set of reusable and modular CSS styles
  - Block
  - Node
  - View
  - Panel
- Easy to configure (.info file)

skinr[rounded][title] = Rounded cornersskinr[rounded][description] = Add a 1em border radius for supported browsers.skinr[rounded][options][1][label] = Rounded Cornersskinr[rounded][options][1][class] = rounded

Views + Cycle plug in = love

- Views
- jQuery Cycle Plugin (http://jquery.malsup.com/cycle/)
- Examples
  - Woop.gr
  - leoforos.gr

Panels
vs
Areas
(*.tpl - template.php)

Questions?

Tip Of the Day

Drupal Is an eclectic CMS

Use eclectic modules Only