

HTML Code Conventions - Layout

What is Layout?

For better maintenance, reusability and better code fragment, we use the idea of module development instead of developing the whole page. We call each div module as an **component**. The PHP script which wraps these component is called **layout**.

Code Convention

- Always use **YUI Grids** for Layout.
- Each PHP tag should start at the beginning of its line.
- Use 4 spaces instead of tab.
- Each tag should be aligned.
- Each enclosed tag should have a comment.

```
</tag><!-- %class or id% (end) -->
```

Code Sample

- `vim ~/muchiii/index/views/layout_main.php`

```

===
<?php echo modules::run("common/_before_body"); ?>
<div id="hd">
    <div class="yui-d3">
        <?php echo modules::run("common/_masthead"); ?>
        <?php echo modules::run("common/_navigation"); ?>
    </div><!-- .yui-d3 (end) -->
</div><!-- #hd (end) -->
<div id="bd">
    <div class="yui-d3">
        <div class="yui-t4">
            <div class="yui-main">
                <div class="yui-b">
                    <?php echo $content_for_layout; ?>
                </div><!-- .yui-b (end) -->
            </div><!-- .yui-main (end) -->
            <div class="yui-b">
                <?php echo modules::run("common/_ad_lrec"); ?>
            </div><!-- .yui-b (end) -->
        </div><!-- .yui-t4 (end) -->
    </div><!-- .yui-d3 (end) -->
</div><!-- #bd (end) -->
<div id="ft">
    <div class="yui-d3">
        <?php $this->load->view("common/_mastfoot"); ?>
    </div><!-- .yui-d3 (end) -->
</div><!-- #ft (end) -->
<?php echo modules::run("common/_after_body"); ?>

```

Use Layout

- vim ~/muchiii/index/modules/[module]/controllers/

```

function %%FUNCTION_NAME%( )
{
    $data = array(...); // prepare data
    $this->load->library("layout", "%%LAYOUT_NAME%%"); // indicate layout
    $this->layout->view("%%VIEW_NAME%%", $data);
}

```

- vim ~/muchiii/index/modules/[module]/views/

```

<?php echo modules::run("%%MODULE_NAME%%/%%PARTIAL_NAME%%"); ?>
//Above will use $content_for_layout variable to show in layout_main.ph

```

- See? Only one line in this case. While layout structure is the same, load layout library!

To Do List

- For better layout reusability, can we create something similar with [symfony slot](#)?

Related Links

- [CodeIgniter Wiki - Layout Library](#)