

Drupal 7 Theme creation Documentation

Steps:

1: Make a drupal Setup on your system.

(Drupal setup can be downloaded from the following link

<https://www.drupal.org/download>)

Important: Check the system requirements before installation

2: Complete the installation process from step: 1

3: Goto /sites/all/themes/ directory

3-1: Create a folder and give your theme a name (all lower cases)

4: Now you need the create a .info file

4-1: Open a text editor and add the following content

```
name = yourthemename
description = Description of yourtheme.
core = 7.x
stylesheets[all][] = css/style.css
stylesheets[all][] = css/layout.css
stylesheets[all][] = css/local.css
scripts[] = js/javascript.js
regions[left] = Left sidebar
regions[right] = Right sidebar
regions[content] = Content
regions[header] = Header
regions[footer] = Footer
```

This is the default content for the .info file

Save the file with the same theme name with the ext info

5: Additional regions can be added as per your needs.

6: Next add css to the regions in the layout file.

7: Next step is to include the main files you might want to view include:

page.tpl.php (for the overall page layout)

node.tpl.php (for all the 'nodes' or main content sections of a page)

block.tpl.php (for the blocks, in whichever regions you place them)

comment.tpl.php (for all comments on your site)

Additional files as per needs can be found at

<https://www.drupal.org/node/190815>

8: Following methods of import can be used to specify css conditions

; Add a style sheet for all media

```
stylesheets[all][] = theStyle.css
```

; Add a style sheet for screen and projection media

```
stylesheets[screen, projection][] = theScreenProjectionStyle.css
```

; Add a style sheet for print media

```
stylesheets[print][] = thePrintStyle.css
```

; Add a style sheet with media query

```
stylesheets[screen and (max-width: 600px)][] = theStyle600.css
```

9: Adding external stylesheets

To use a stylesheet external to your theme, such as one hosted on a CDN, you cannot use the themes .info file. Instead you can add this in template.php. Do this as follows:

```
function mytheme_preprocess_html(&$variables) {  
  
  drupal_add_css('http://fonts.googleapis.com/css?family=News+Cycle'  
  , array('type' => 'external'));  
}
```

10: Adding external javascript

Add the following lines to template.php

```
drupal_add_js('https://maps.googleapis.com/maps/api/js?v=3.exp&se  
nsor=false',array('type' => 'external', 'scope' => 'header', 'group' =>  
'JS_THEME'));
```

11: The default page.tpl.php file

```
<div id="header">  
  
</div>  
  
<div id="wrapper">  
  
  <div id="content">  
    <?php print render($page['content']); ?>  
  </div>  
  
  <?php if ($page['left']): ?>  
    <div id="sidebar">  
      <?php print render($page[left]); ?>  
    </div>  
  <?php endif; ?>  
</div>  
  
<div id="footer">
```

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

The following are Some of the most common page elements

`$site_name`

`$logo` (the logo uploaded through the theme settings; only useful when you're implementing the logo theme feature)

`$title` (the page title)

`$main_menu`

`$secondary_menu`

`$breadcrumbs`

There are also some variables associated with Drupal administration:

`$tabs` (menu used for edit/view admin menus, among other things; often used by modules)

`$messages`

`$action_links`

And some other useful variables:

`$base_path` (the path to your site root)

`$front_page` (the path to the site front page)

`$directory` (the path to your theme)

Variables are inserted using the Render API, like this:

```
<?php print render($tabs); ?>
```

12: To add menu Menu

```
<?php if ($main_menu): ?>
```

```
<?php print theme('links__system_main_menu', array('links' =>
$main_menu, 'attributes' => array('id' => 'main-menu'))); ?>
<?php endif; ?>
```

13: Theme Logo

```
<a href="<?php print $front_page;?>">
  " height="80" width="150" />
</a>
```