

Step 1. Backup your database and files.

VERY IMPORTANT: Make a full backup of your files and your database in order to rollback any changes if necessary.

Step 2. Execute SQL

In order to know which site orders originate from, it is necessary to add the column 'order_site' to the 'Orders' Table.

To achieve this run the following SQL command:

```
ALTER TABLE orders ADD order_site varchar(30) NOT NULL DEFAULT 'no';
```

This is the only change that has to be made to the database structure.

Step 3. Add the 'NEW' files

You need first to add the extra files that you will find in the folder: 'NEW_FILES'. The files are listed below.

```
admin/includes/languages/english/extra_definitions/order_site.php
includes/config_sites/help.txt
includes/config_sites/sites_switch.php
includes/config_sites/www.example.com_config.php (This is only an example config file)
includes/functions/extra_functions/cat_filter.php
includes/init_includes/overrides/init_sessions.php
includes/init_includes/overrides/init_templates.php
includes/modules/sideboxes/site_links.php
```

Step 4. Add the 'MODIFIED' files

Now we need to add all the files contained in the folder: 'MODIFY_FILES'.

If this is a fresh Zen-Cart Install and no other modifications have been made then you can just copy these files over the top of the existing Zen-Cart files.

In the event that your's is an existing Zen-Cart that has been heavily modified, you will need to wait for the more detailed instructions coming in the not too distant future. These more detailed instructions will tell you which code to add to which file and where to add it.

Before we proceed there are a couple of things to note. The files in the 'MODIFIED_FILES' folder are of two types. The first type of file CANNOT be over-ridden by the use of templates, the second type is of course the opposite and CAN be overridden by the use of Zen-Cart templates. You can read more about Zen-Cart templates on the Zen-Cart website here. The files in the box below titled 'GROUP 1' are the files which CANNOT be overridden. The files listed in the box titled 'GROUP 2' are the files which CAN be overridden by the use of templates.

GROUP 1.

admin/orders.php (Allow the admin's to know where the order come from)
includes/classes/category_tree.php
includes/classes/order.php (add the SITE_NAME to the order table)
includes/classes/site_map.php

The next files have to replace the existing zencart by the use of the templates but it would mean creating these files for each site and you will see that it is more really convenient... so I advice you to just modify the files.

GROUP 2.

includes/modules/sideboxes/best_sellers.php
includes/modules/sideboxes/categories.php
includes/modules/sideboxes/featured.php
includes/modules/sideboxes/manufacturers.php
includes/modules/sideboxes/reviews.php
includes/modules/sideboxes/whats_new.php
includes/modules/categories_tabs.php
includes/modules/featured_products.php
includes/modules/new_products.php
includes/modules/product_listing.php
includes/modules/specials_index.php
includes/modules/pages/featured_products/header_php.php
includes/modules/pages/index/main_template_vars.php
includes/modules/pages/products_all/header_php.php
includes/modules/pages/products_new/header_php.php
includes/modules/pages/reviews/header_php.php
includes/templates/template_default/sideboxes/tpl_categories.php

WARNING: You can replace your existing files ONLY if you haven't modified them before your install of Zen-cart !

(I'll try to make a Modify process help file later for those who can't replace their modified files...)

Step 5: Make a Template for each site

We assume that you already have a Zen-cart shop installed with some categories and products. You need to have a 2nd template that will be use for your 2nd shop. You can simply copy and past the one from your folder "includes/template/[YOUR_TEMPLATE]" Or you can download some from www.zen-cart.com.

TIP: In order to make the things easy, I highly advice you to rename the template to the name of each of your site. In this way, you will find easily the folder of the shop you want to modify...

When you rename your template's name, think of renaming every overriding folder too !

These folders should be:

includes/templates/[YOUR_TEMPLATE]
includes/languages/english/[YOUR_TEMPLATE]
includes/languages/english/extra_definitions/[YOUR_TEMPLATE]
includes/languages/english/html_includes/[YOUR_TEMPLATE]
includes/languages/english/modules/order_total/[YOUR_TEMPLATE]
includes/languages/english/modules/payment/[YOUR_TEMPLATE]
includes/languages/english/modules/shipping/[YOUR_TEMPLATE]

```
includes/languages/english/modules/[YOUR_TEMPLATE]
includes/languages/english/modules/sideboxes/[YOUR_TEMPLATE]
```

Do not use a template for two sites, otherwise, you will be obliged to have the same language files too (same shops' name and same sideboxes position)

in the includes/templates/[YOUR_TEMPLATE]/template_info.php, change the template_name to the name of your site that uses the template:

```
$template_name = 'mysite';
```

So, if your sites are called www.site1.com and www.site2.net Then you should rename your template to site1 and site2

the file includes/templates/site1/template_info.php should have the line

```
$template_name = 'site1';
```

the file includes/templates/site2/template_info.php should have the line

```
$template_name = 'site2';
```

This will help you later in the admin section; the template selector is now only use for choose the site for which you want to change the sidebox setting.

Step 6. Create the configuration files of your sites

Add this line at the beginning of your "includes/configure.php":

```
include_once('includes/config_sites/sites_switch.php');
```

How to change the configuration for a specific shop ?

The Zen-cart configuration is contained in the database and declared in constants at runtime. The configuration in the admin section stands for the "default configuration". You can override this configuration by defining the constants of the setting that you want to change directly in the config file related to one of your site (folder "includes/config_sites")

You now have to create a config file for each one of your sites !

The name of the file has to be:

"www.site1.com_config.php" (for the site targeted by the domain name www.site1.com)

This file "www.site1.com_config.php" has to contain:

```
<?php
$template_dir = "site1";
define('SITE_NAME','site1');
?>
```

\$template_dir is the template that you want to use for this site

SITE_NAME is the name of your site (use for the category filter and for the order page in admin;

column site).

You can add constants for overriding of the default configuration from the database or from the configure.php, the following lines are only exemples:

```
//Do not display the categories at the main page for this site:
```

```
define('SHOW_CATEGORIES_ALWAYS','0');
```

```
//Display the categories of ID 5 as the main category of the website:
```

```
define('CATEGORIES_START_MAIN','5');
```

```
//Change the Contact us email address:
```

```
define('STORE_OWNER_EMAIL_ADDRESS','an_email@address.com')
```

```
//Enable the SSL only for this site:
```

```
define('ENABLE_SSL', 'true'); //assuming as 'false' in configure.php
```

Remember that the code above is only here as exemple and do not always need to be use.

If you don't know what is the name of the constants of a configuration setting, you can execute this query:

```
UPDATE configuration
```

```
SET configuration_description = CONCAT(configuration_description,"<br /> ",configuration_key)
```

```
WHERE configuration_description NOT LIKE CONCAT("%<br /> ",configuration_key);
```

This does not really change anything in the functioning but allow you to see the name of the constants in the description of the configuration setting in the admin section.

Step 7. Category Filter

The MultiSite module works by filtering the categories with the function `cat_filter`. It only displays the categories that have the name of the site (constant `SITE_NAME`) in html comment in the categories descriptions. Therefore, you need to add this description to EVERY categories description that have to be display in a shop. Sub categories Included!

Example of html comment:

```
<!--site1-site2-site3--> Description of a category that will be displayed in site1, site2 and site3.
```

This comment will allow this category for the shops site1 site2 and site3. the site names HAVE to be separated by "-".

If you have Lots of categories, you can use a query that will do that for all of them, like the following:

REMEMBER OF ENTERING YOUR SITE_NAME INSTEAD OF your_site_name1 AND your_site_name2 !

This SQL query enable you to add sites to all your categories but you can also do that by writing the <!--site1-site2-site3--> to the categories descriptions one by one. Do not forget the subcategories !

```
UPDATE categories_description
SET categories_description = CONCAT("<!--your_site_name1-your_site_name2-->",categories_description)
WHERE categories_description NOT LIKE "%-your_site_name1-your_site_name2-%"
```

once you have put your html comments in your categories, they should appear on the front end of your shop. If a category has no html comment, it won't be displayed in any sites.

Step 8. Site Links

If you want to allow the shoppers to have a cross-sites cart (orders products from different websites in the same cart),

You have to display the sidebox called "site_links.php" and you have to add the sites that you want to be link by editing the file "includes\modules\sideboxes\site_links.php".

In this file, you have to add as many add_site_link(...); as you want of site links.

Example:

```
add_site_link('Shop Site1','http://www.site1.com');
add_site_link('Shop Site2','http://www.site2.com');
```

This works too:

```
add_site_link('www.site1.com');
add_site_link('www.site2.com');
```

PS: these shops Should be Your multi-sites. You can also add some other sites there but the cross-site cart won't work (and so might confused the shoppers ...)

```
add_site_link('Zen Cart','http://www.zen-cart.com',false);
```

By adding false as third parameter (false), it won't add the zenid to the link. It can be use either for a shop in the same domain (cookie will work for it) or an external link (cross-site cart won't work anyway...)

That's it, if you manage to understand these explanations, you should have installed this module correctly.