

The Simple E-Commerce Solution

Template Guide

Your guide to using the Template System on the phpCart E-Commerce System.

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1 Introduction

The phpCart Template System (TS) was designed to allow web masters and web designers to easily integrate the phpCart Shopping Cart System into their websites.

The phpCart Template System is fast, flexible and easy to use. Templates can be easily edited with your favorite html editor. Just add special "TS Tags" and "TS Comments" template tags and your shopping cart will come to life.

The nice thing about the template system is you really only need to modify one template to get the phpCart shopping cart up-and-running. The main template file (template.php) is the only file that really needs to be modified. It is the "master template" and provides the overall design for your web site. All of the other templates are then displayed within the main template by replacing the %%DATA%% template tag. You only need to modify the other template files if you don't like their default layout.

phpCart comes with 2 sample template directories to choose from. You can use either of these directories immediately or you can customize them to your requirements. You can also use one of these sample templates as the basis for a completely new template that you can create. Just create a new folder under the "templates" directory and copy all of the files and folders from one template into this new folder. You now have a new template that you can choose to display and modify. To pick your template just select the template you want from the configuration area of the phpCart control panel.



2 Template List

There are 11 different template files that make up the phpCart Template System. You can easily modify any of them to fit your needs. Below is a list of the template files and a description of when they are used:

Template	Туре	Description
template.php Mai		This is the main template file. It should match the
		overall look of your website. All of the page
		templates are displayed using this template. In the
		main body of the template you insert a special
		Template System Tag (TS Tag) called
		%%DATA%% right where you want the shopping
		cart html code to be placed.
cart.php	Page	This is used to create the cart template page. It
		defines the look of your shopping cart. The contents
		of this page are inserted into the template.php
		template when the shopping cart is displayed.
		The cart page displays all of the cart items and the
		cart totals. It also can display the coupon.
billing.php	Page	This is used to create the billing page. It defines the
billing-shipping.php		look of the billing page. The contents of this page
		are inserted into the template.php template when
		the billing page is displayed.



	The billing.php page shows one set of input fields,
	which act as both shipping and billing info.
	The billing-shipping.php page shows two sets of
	input fields for shipping and billing info.
Page	This is used to create the confirmation page. It
_	defines the look of the customer confirmation page.
	The contents of this page are inserted into the
	template.php template when the confirmation page
	is displayed.
	The confirm.php pages shows one set of input
	fields, which act as both shipping and billing info. It
	matches the billing.php page.
	The confirm-billing-shipping.php shows two sets of
	input fields for shipping and billing info. It matches
	the billing-shippping.php page.
Page	This template is displayed after payment has been
	approved. Not all gateways support returning
	customers to an "approved" page.
	
Page	This is the thank you page that is displayed after the
Page	This is the thank you page that is displayed after the manual credit card information is supplied. If you do
Page	
Page	manual credit card information is supplied. If you do
Page	manual credit card information is supplied. If you do not accept credit card information manually then
	manual credit card information is supplied. If you do not accept credit card information manually then you do not need this page.
	manual credit card information is supplied. If you do not accept credit card information manually then you do not need this page. This is the off-line/manual check display page. If



		gateway to make a payment and then chooses to
		cancel the order prior to completing the transaction.
		Not all gateways support returning the client to a
		cancel page.
declined.php	Page	This page is displayed if the customer's payment id
		declined. Not all gateways support returning the
		client to a declined page.
minicart.php	Page	This template is used to display the cart total on a
		page other than a phpCart page.
email_admin.php	Email	Email template used to email the admin when an
		order is placed.
email_admin_ccinfo.php	Email	Email template used to email the admin when a
		manual credit card order is received.
email_customer.php	Email	Email template used to email the client once they
		have placed their order.
warning.php	Page	This is a warning that will be displayed if a product
		is added to the shopping cart from a referrer that is
		not defined in the phpCart control panel
		configuration screen.



3 Getting Started

The TS (phpCart Template System) consists of files located in the templates directory and subdirectories. You can use any of the existing templates, modify them to fit your website, or completely design your own from scratch. Once you create a subdirectory under the templates directory you will be able to choose that template (based on the subdirectory name) from the configuration screen. You can change between templates at any time.

The TS (phpCart Template System) uses special data tags referred to as "TS Tags" to define where in the template you want data to appear and uses html comment tags referred to as "TS Comments" to define the behavior of certain blocks of code including looping blocks and removing blocks when the cart is empty.

3.1.1 TS Tags (phpCart Template System Tags)

TS Tags are easy to use. All TS Tags consist of an upper-case word surrounded by two sets of percent signs (e.x. %%TOTAL%%). You place these tags into your template right where you want the specific data to appear. Below is a snippet of code to show as an example:



The above example would create a table that looks like the following in your html editor:

Total:	%%TOTAL%%

However, in your web browser, the code would look like the following:

Total:	\$285.94

There are TS Tags for displaying product data, messages and totals. There are also TS Tags for entering certain html values such as foreground and background colors as well as the current template directory. Below is a chart of all of the TS Tags along with when they should be used.

TS Tag	Template	Where Used		
Cart Specific TS Tags				
%%ROW%%	Cart	Displays the row number of the product. This variable is used to track which item to delete and which		
		item to change product quantity.		
%%ID%%	Item	Displays the item ID		
%%NAME%%	Item	Displays the item name.		
%%OPTIONS%%	Item	Displays the options, if any, for the item		
%%PRICE%%	Item	Displays the item price		



%%QUANTITY%%	Item	Displays the item quantity
%%WEIGHT%%	Item	Displays the item weight
%%TAX%%	Item	Displays the tax for the item
%%PRICETAX%%	Item	Displays the item price w/tax
		included
%%QUANTITYTAX%%	Item	Displays the total tax for the item
%%SHIPPING%%	Item	Displays the shipping charge per
		item.
%%SHIPPING1%%	Item	Displays the shipping charge for the
		first item.
%%SHIPPING2%%	Item	Displays the shipping charge for
		each additional item after the first
		item.
%%EXTRA1%%	Item	Displays the information passed in
		the extra1 variable
%%EXTRA2%%	Item	Displays the information passed in
		the extra2 variable
%%EXTRA3%%	Item	Displays the information passed in
		the extra3 variable
%%TOTALTAX%%	Item	Displays the item total w/tax included
%%TOTAL%%	Item	Displays the item total
%%SUBTOTAL%%	Cart,	Displays the cart subtotal.
	Checkout	
%%DISCOUNT%%	Cart,	Displays the total discount
	Checkout	
%%COUPON%%	Cart,	Displays the actual coupon used
	Checkout	
%%TOTALSHIPPING%%	Cart,	Displays the total shipping charge for
	Checkout	this order.



%%TAXTITLE1%%	Cart,	Displays the first tax title.
%%SEPARATETAX1%%	Checkout	Displays the first tax for this order.
%%TAXTITLE2%%	Cart,	Displays the second tax title.
%%SEPARATETAX2%%	Checkout	Displays the second tax for this
		order.
%%TOTALTAX%%	Cart,	Displays the total tax for this order.
	Checkout	
%%GRANDTOTAL%%	Cart,	Displays the shopping cart total
	Checkout	
%%ORDERDATE%%	Checkout,	Displays the date/time of the order
	Email	
%%ORDERID%%	Checkout,	Displays the order ID
	Email	

Company Specific TS Tags (from admin configuration)

%%COMPANYNAME%%	All	
%%COMPANYADDRESS%%	All	
%%COMPANYWEBSITE%%	All	
%%COMPANYPHONE%%	All	
%%COMPANYEMAIL%%	All	
%%HOMEPAGE%%	All	

Font/Color Specific TS Tags (from admin configuration)



%%HEADERCOLOR%%	All	
%% HEADERBGCOLOR %%	All	
%%TEXTCOLOR%%	All	
%%ROWCOLOR%%	All	Variable alternates between
		%%ROWCOLOR1%% and
		%%ROWCOLOR2%%
%%ROWCOLOR1%%	All	
%%ROWCOLOR2%%	All	
%%FONT%%	All	
%%FONTSIZE%%	All	

Customer Specific Tags

%%FIRSTNAME%%	Checkout	
70701 11 10 11 11 11 11 11 11 11 11	Cricchout	
%%LASTNAME%%	Checkout	
%%ADDRESS%%	Checkout	
%%ADDRESS2%%	Checkout	
%%CITY%%	Checkout	
%%STATE%%	Checkout	
%%STATES%%	Checkout	This tag is used to display the data
		from the states.php template file.
		Data is displayed as option values
		for the "state" field.
%%STATEOTHER%%	Checkout	
%%ZIP%%	Checkout	
%%COUNTRY%%	Checkout	
%%PHONE%%	Checkout	
%%COMPANY%%	Checkout	



%%EMAIL%%	Checkout			
%%COMMENTS%%	Checkout			
	Credit Card TS Tags			
		10 1490		
%%CCNUMBER%%	Checkout	Credit Card Number		
%%CCTYPE%%	Checkout	Credit Card Type (Visa, MC, etc)		
%%CVVCODE%%	Checkout	CVV Code (3 or 4 digit)		
%%CCMONTH%%	Checkout	Expire Month		
%%CCYEAR%%	Checkout	Expire Year		
%%CCTYPES%%	Checkout	Specialty tag that displays all credit		
		card types surrounded by "option"		
		html tags. This is used to display the		
		credit card types in a select box.		
%%CCMONTHS%%	Checkout	Specialty tag that displays the		
		months of the year surrounded by		
		"option" html tags. This is used to		
		display the months of the year in a		
		select box.		
%%CCYEARS%%	Checkout	Specialty tag that displays the next		
		10 years surrounded by "option" html		
		tags. This is used to display the		
		credit card types ina select box.		
S. S				
Validation Tags				
	vanualiu	ii iaga		
%%FIRSTNAMEREQUIRED%%	Checkout	Displays the text of the		
		PaymentMethodRequired variable in		



		the language file if the <i>firstname</i> field
		fails validation
%%LASTNAMEREQUIRED%%	Checkout	Displays the text of the
		PaymentMethodRequired variable in
		the language file if the <i>lastname</i> field
		fails validation
%%ADDRESSREQUIRED%%	Checkout	Displays the text of the
		PaymentMethodRequired variable in
		the language file if the address field
		fails validation
%%CITYREQUIRED%%	Checkout	Displays the text of the
		PaymentMethodRequired variable in
		the language file if the city field fails
		validation
%%STATEREQUIRED%%	Checkout	Displays the text of the
		PaymentMethodRequired variable in
		the language file if the <i>state</i> field fails
		validation
%%ZIPREQUIRED%%	Checkout	Displays the text of the
		PaymentMethodRequired variable in
		the language file if the <i>zip</i> field fails
		validation
%%COUNTRYREQUIRED%%	Checkout	Displays the text of the
		PaymentMethodRequired variable in
		the language file if the country field
		fails validation
%%PHONEREQUIRED%%	Checkout	Displays the text of the
		PaymentMethodRequired variable in
		the language file if the phone field



		fails validation
%%EMAILREQUIRED%%	Checkout	Displays the text of the
		PaymentMethodRequired variable in
		the language file if the <i>email</i> field
		fails validation
%%CCTYPEREQUIRED%%	Checkout	Displays the text of the
		PaymentMethodRequired variable in
		the language file if the cctype field
		fails validation
%%CCNUMBERREQUIRED%%	Checkout	Displays the text of the
		PaymentMethodRequired variable in
		the language file if the ccnumber
		field fails validation
%%CCEXPIREREQUIRED%%	Checkout	Displays the text of the
		PaymentMethodRequired variable in
		the language file if the ccexpire field
		fails validation
%%CVVREQUIRED%%	Checkout	Displays the text of the
		PaymentMethodRequired variable in
		the language file if the cvvcode field
		fails validation
	l	
Mi	scellaneou	us TS Tags
%%MESSAGE%%	Cart	Displays the following messages
		when appropriate:
		Invalid Coupon
		Duplicate Item Not AddedEmpty Cart



%%PREVIOUSPAGE%%	Cart	URL to the previous page. This
	June	variable is used to link back to the
		referring page.
%%DATA%%	Template	Displays phpCart in your main
		template file.
%%PAYMENTMETHODS%%	Checkout	Displays all of the payment options
%%PAYMENTTYPE%%	Checkout	Displays the selected payment
		method
%%TEMPLATEPATH%%	All	Displays the path to the template
		directory. Can be used to point to
		images in the template directory.
%%VALIDATION%%	Checkout	Displays the validation message(s) if
		any one or more fields fails
		,
		validation
	GEO IP T	validation
%%GEO_COUNTRY%%	GEO IP T	validation
%%GEO_COUNTRY%%		validation S Tags
%%GEO_COUNTRY%%		validation S Tags Displays the country that
%%GEO_COUNTRY%% %%GEO_CITY%%		validation S Tags Displays the country that corresponds to the IP of the
	Checkout	validation S Tags Displays the country that corresponds to the IP of the customer
	Checkout	validation S Tags Displays the country that corresponds to the IP of the customer Displays the city that corresponds to
%%GEO_CITY%%	Checkout	validation S Tags Displays the country that corresponds to the IP of the customer Displays the city that corresponds to the IP of the customer
%%GEO_CITY%%	Checkout	validation S Tags Displays the country that corresponds to the IP of the customer Displays the city that corresponds to the IP of the customer Displays the latitude that
%%GEO_CITY%%	Checkout	validation S Tags Displays the country that corresponds to the IP of the customer Displays the city that corresponds to the IP of the customer Displays the customer Displays the latitude that corresponds to the IP of the
%%GEO_CITY%% %%GEO_LAT%%	Checkout	validation S Tags Displays the country that corresponds to the IP of the customer Displays the city that corresponds to the IP of the customer Displays the latitude that corresponds to the IP of the customer
%%GEO_CITY%% %%GEO_LAT%%	Checkout	validation S Tags Displays the country that corresponds to the IP of the customer Displays the city that corresponds to the IP of the customer Displays the latitude that corresponds to the IP of the customer Displays the latitude that corresponds to the IP of the customer Displays the longtitude that



3.1.2 TS Comments (phpCart Template System Comments)

TS Comments make setting up a template very easy. It was designed specifically for phpCart. It is fast, easy to use, and won't break your HTML editor. You can now design the entire look of your site without having to break out sections into separate pages and try to guess how they will look or if they will even work. By using regular HTML comments you can easily tell the TS engine all that it needs to know to layout your shopping cart pages.

TS Comments look like this:

<!-- BEGIN XXX --> html code

<!-- END XXX -->

In the above example, the XXX represents the specific type of TS Comment, such as MESSAGE, ITEM or EMPTY.

When the TS engine runs, it will know where to look for the various parts of the web page. This now frees you up to designing an entire page, complete with a message area, repeating table elements and even sections that will not display if the cart is empty. Below is a chart of TS Comments along with when they should be used.

CREDITCARD	Checkout	Identifies the credit card area of the
		billing/checkout page. If none of your
		gateways accept credit cards then this area
		is hidden
COUPON	Cart	Identifies an html code block that displays
		the coupon form. Hidden if a coupon is
		already entered or if the coupon system
		has been disabled.



DISCOUNT	Cart, Checkout,	Identifies an html code block that displays
	Emails	the discount. Hidden if the coupon system
		is disabled or if there is no coupon entered.
CARTITEMS	Cart, Checkout,	Identifies a repeating html code block that
	Emails	will be used to display all items in the
		shopping cart.
MESSAGE	Cart, Checkout	Identifies an html code block that will be
		displayed if a message is generated.
EMPTY	Cart	Identifies an html code block that will be
		removed from the template if the shopping
		cart is empty.
VALIDATION	Checkout	Identifies an html code block that will be
		displayed if the checkout form does not
		pass validation.
EXTRA1	Checkout	Identifies an area used to display the
		"extra1" variable, if used.
EXTRA2	Checkout	Identifies an area used to display the
		"extra2" variable, if used.
EXTRA3	Checkout	Identifies an area used to display the
		"extra3" variable, if used.

At first, using the TS Comments may seem confusing but using them is very straight forward.



4 Designing your own Template

Here are the basic steps for designing your own template pages.

- 1. Copy all of the files and subdirectories from one of the existing templates into a new template directory. Give this new directory any name that will make it easy to find. This directory will be your starting point.
- 2. Use your existing website layout to overwrite the template.php file with your own web site html code. One easy way to do this is to visit your web site in a browser and then right click on your mouse to select, view source. Once your can see the source code of your web page, you can copy it all to get the html code.
- 3. Remove all of the html code from the main body area of the template.php file and leave all the code that makes up your header, footer and menus. This remaining area is typically called the center well or center block.
- 4. Insert the %%DATA%% tag into the main body area where you want the remaining templates to be displayed.
- 5. Make modifications to the other template pages as necessary.



5 Sample Template Components

5.1.1 CREDIT CARD

Use the CREDITCARD TS Comment to surround the credit card area of the billing screen. If none of the active gateways support credit cards then this area will be hidden. If you do not accept credit card information locally then you can safely omit this.

```
<!-- BEGIN CREDITCARD -->
<strong>If you are paying via credit card please fill
out the fields below</strong>
Card Type : 
    <select name="cctype">
    <option value="">Select Credit Card Type</option>%%CCTYPES%%
    </select>%%CCTYPEREQUIRED%%
    Credit Card Number : 
    <input type="text" name="ccnumber" size="24" value="%%CCNUMBER%%">
   %%CCNUMBERREQUIRED%%
Expiration Date (mm/yyyy) : 
    <select name="ccmonth">
```



5.1.2 COUPON

Use the COUPON TS Comment to surround the coupon form. The form will not be displayed once a valid coupon is entered. If you do not use the coupon system you can safely omit this. If you do not want the coupon form to be hidden after a valid coupon is entered then do not use the COUPON TS Comment. Below is an example of use:

```
<!-- BEGIN COUPON -->
<form action="phpCart.php" method="post" name="couponform">
<input type="hidden" name="action" value="coupon">Coupon&nbsp;
<input type="text" name="couponcode">&nbsp;
<input type="image" src="%%TEMPLATEPATH%%images/validate.gif" border="0">
</form>
<!-- END COUPON -->
```



5.1.3 DISCOUNT

Use the DISCOUNT TS Comment to surround any area that you do not wish to have displayed if there is no coupon or if the coupon system has been turned off. Multiple areas may be defined. This is handy if you don't want to show the "Discount" line item in the section that displays totals. Below is an example of use:

```
<!-- BEGIN DISCOUNT -->
```

Coupon (%%COUPON%%)

-%%DISCOUNT%%

<!-- END DISCOUNT -->

5.1.4 CARTITEMS

Use the CARTITEMS TS Comment to surround the area that will be used as a template to display all of the cart items. Below is an example:

```
<!-- BEGIN CARTITEMS -->
```


%ID%%

%%NAME%%

%PRICE%%

<input type="text" name="product[%%ROW%%]"

value="%%QUANTITY%%">

%TOTAL%%

<!-- END CARTITEMS -->



5.1.5 MESSAGE

Use the MESSAGE TS Comment to surround the area that will display all systemgenerated messages. If there is no message to be displayed this area is removed. The system-genereated messages are as follows:

DuplicateMessage - Displayed when a duplicate item is already in the cart and AllowDuplicates is turned off.

EmptyCart - Displayed when the cart is empty.

<!-- BEGIN MESSAGE -->
%%MESSAGE%%

<!-- END MESSAGE -->

5.1.6 EMPTY

Use the EMPTY TS Comment to surround any area that you do *not* want to display if the cart is empty. Items that you typically do not wan to display when the cart is empty include the "clear cart" button, "coupon" button, "item headings" area, "totals" area, "recalculate" button and the "checkout" button. Below is an example:

<!-- BEGIN EMPTY -->

>ID

Description

Price

Amount

<!-- END EMPTY -->



5.1.7 VALIDATION

Use the VALIDATION TS Comment to surround the area that will display the field validation messages during checkout. This area will be removed when the checkout form is first displayed since no field validation has taken place. Once the customer submits the form the validation script will run. If any fields fail validation the checkout form will be redisplayed with the validation block and validation message(s).

Validation text can be configured in the phpCart control panel. If a field fails validation then the message configured for that field will be displayed in place of the %%VALIDATION%% TS Tag. Below is an example:

<!-- BEGIN VALIDATION -->

The following fields must be filled out:
%%VALIDATION%%

<!-- END VALIDATION -->

5.1.8 COMMENTS

Use the COMMENTS TS Comment to surround the comments area on the checkout form. This area will not display if "Display Comments Field" is set to "No".



5.1.9 <!-- BEGIN COMMENTS -->

Comments

"left">

<textarea name="comments" cols="50" rows="3">

%%COMMENTS%%

</textarea>

</div>

<!-- END COMMENTS -->



6 Template Problems

We highly recommend using the prototype templates to conduct a test of the system's operation after your installation. This test will tell you if the phpCart installation was successful.

If you modify a template and the cart stops working, we recommend that you re-install the prototype template to determine if the problem is located in the phpCart software or the new template. By using the prototype template, you can quickly identify the location of the failure.



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