

Smarty

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Smarty - #####

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Part I. ##### # #####

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- ##### ##### ## #####, ##### #####.
- ## ##### ##### ##### ##### ##### # ##### #####, ### ##### ##### ##### #####.
- ##### {#####} ##### #####, ## ##### # ##### ##### {foo}, {{foo}}, <!--{foo}--> #.#.
- ##### {if}..{elseif}..{else}..{/if} ##### ##### PHP, ### ## ##### {if...} ##### ##### ##### ## #####, ##### ## #####.
- ##### ##### ##### #####, ##### # #.#.
- ##### ##### ##### PHP-#### # ## #####, ##### ##### # #### ## ##### (# ## # #####), ### ## ##### ##### # #####.
- ##### ##### #####.
- ##### ##### #####.
- ##### ##### #####.
- ##### #####.

Chapter 2.

#####

Smarty ##### #. ##### # ##### PHP ##### 4.0.6 ### ##.

#####

Smarty, ##### # ##### /libs/ #####.
PHP-##### #. ##### # ##### #
Smarty # #####.

Smarty # #####

- /usr/local/lib/Smarty-v.e.r/ ### ##### # *nix
- # c:\webroot\libs\Smarty-v.e.r\ ### ##### # Windows.

Example 2.1. ##### Smarty

```
Smarty-v.e.r/  
  libs/  
    Smarty.class.php  
    Smarty_Compiler.class.php  
    Config_File.class.php  
    debug.tpl  
    internals/*.php (### #####)  
    plugins/*.php (### #####)
```

```
Smarty ##### [http://php.net/define] PHP SMARTY_DIR, #####  
##### # ##### libs/ ## Smarty. #####, #####  
Smarty.class.php, ## ## ##### SMARTY_DIR - Smarty ## ##  
#####. #####, ## ## Smarty.class.php ## ## ## ## include_path ##  
## ## ##### # ## ## # #####, ## ## ##### SMARTY_DIR  
#####. SMARTY_DIR ##### #.
```

Smarty # ##### PHP-#####:

```
<?php  
// #####: # ##### Smarty ##### 'S' #####  
require_once('Smarty.class.php');  
$smarty = new Smarty();  
?>
```

```
#####  
#####  
Smarty.class.php ## ##, ##  
#####
```

Example 2.2. ##### SMARTY_DIR

```
<?php  
// ##### *nix (## ##### 'S')  
define('SMARTY_DIR', '/usr/local/lib/Smarty-v.e.r/libs/');  
  
// ##### windows  
define('SMARTY_DIR', 'c:/webroot/libs/Smarty-v.e.r/libs/');  
  
// ##### # *nix # windows  
// ##### 'includes/'  
define('SMARTY_DIR', str_replace("\\", "/", getcwd()).'/includes/Smarty-v.e.r/libs');  
  
require_once(SMARTY_DIR . 'Smarty.class.php');  
$smarty = new Smarty();  
?>
```

Example 2.3. #####

```
<?php  
// ##### *nix (## ##### 'S')  
require_once('/usr/local/lib/Smarty-v.e.r/libs/Smarty.class.php');  
  
// ##### windows  
require_once('c:/webroot/libs/Smarty-v.e.r/libs/Smarty.class.php');  
  
$smarty = new Smarty();  
?>
```

Example 2.4. ##### php.ini

```
;;  
; Paths and Directories ;  
;;  
  
; *nix: "/path1:/path2"  
include_path = ".:/usr/share/php:/usr/local/lib/Smarty-v.e.r/libs/"  
  
; Windows: "\\path1;\path2"  
include_path = ".;c:\php\includes;c:\webroot\libs\Smarty-v.e.r\libs\"
```

**Example 2.5. ##### include_path ## PHP-##### ##### ini_set()
[http://php.net/ini-set]**

```
<?php
// *nix
ini_set('include_path', ini_get('include_path').PATH_SEPARATOR.'/usr/local/lib/Smarty');

// windows
ini_set('include_path', ini_get('include_path').PATH_SEPARATOR.'c:/webroot/lib/Smarty');
?>
```

```
#####, ##### ## ##### ##### ## ##### #####, ##### ##### ##### ##### Smarty
# ##### #####.
```

- Smarty ##### ##### #####, ##### ## ##### ##### templates/, templates_c/, configs/ # cache/
- ##### ## ## ##### ##### ##### Smarty: \$template_dir, \$compile_dir, \$config_dir # \$cache_dir #####. ##### ##### ##### ##### ##### ##### ##### Smarty.

```
# ##### ##### ## ##### ##### Smarty ## ##### ##### #####. #####
#### ##### ##### ## ##, ##### ##### ## ## # ##### #####. ## #####
##### ## ## ##### # ##### ##### #####, ##### ##### guestbook/ ## ##
##### #####.
```

Example 2.6. ## ## ##### ##### #####

```
/usr/local/lib/Smarty-v.e.r/libs/
    Smarty.class.php
    Smarty_Compiler.class.php
    Config_File.class.php
    debug.tpl
    internals/*.php
    plugins/*.php
```

```
/web/www.example.com/
    guestbook/
        templates/
            index.tpl
        templates_c/
        configs/
        cache/
        htdocs/
            index.php
```


#####

{* Smarty *} - ### #####. ## ## #####, ## ##
#####. ### #####
##. # #####, #####
#####.

index.php. ## ##### Smarty, #####
index.tpl.

Example 2.9. /web/www.example.com/docs/guestbook/index.php

```
<?php

require_once(SMARTY_DIR . 'Smarty.class.php');

$smarty = new Smarty();

$smarty->template_dir = '/web/www.example.com/guestbook/templates/';
$smarty->compile_dir = '/web/www.example.com/guestbook/templates_c/';
$smarty->config_dir = '/web/www.example.com/guestbook/configs/';
$smarty->cache_dir = '/web/www.example.com/guestbook/cache/';

$smarty->assign('name', '#####');

/** #####
  */
$smarty->debugging = true;

$smarty->display('index.tpl');
?>
```

#####

Smarty.
/web/www.example.com/guestbook/ # include_path ##### PHP,
##. ## ##, ##### # (##) #####
#####. ## ##
###, ## Smarty #####, ## ##.

index.php ## #####. ## ##
"#####, #####! ##### # Smarty!"

Smarty!

#####

#####,

Smarty ##### [http://php.net/
ref.classobj] # ##### Smarty. #####,

```
#####  
#####  
#####
```

```
##### /php/includes/guestbook/,# # - #####  
##### setup.php. ## #####  
include_path.#####
```

Example 2.10. /php/includes/guestbook/setup.php

```
<?php  
  
// ##### Smarty  
require('Smarty.class.php');  
  
// #####  
// #####,  
// ## #####:  
// require('guestbook/guestbook.lib.php');  
  
class Smarty_GuestBook extends Smarty {  
  
    function Smarty_GuestBook()  
    {  
  
        // #####.  
        // ## #####.  
  
        $this->Smarty();  
  
        $this->template_dir = '/web/www.example.com/guestbook/templates/';  
        $this->compile_dir = '/web/www.example.com/guestbook/templates_c/';  
        $this->config_dir = '/web/www.example.com/guestbook/configs/';  
        $this->cache_dir = '/web/www.example.com/guestbook/cache/';  
  
        $this->caching = true;  
        $this->assign('app_name', 'Guest Book');  
    }  
}  
?  
  
##### index.php, ##### setup.php:
```

Example 2.11. /web/www.example.com/guestbook/htdocs/index.php

```
<?php  
  
require('guestbook/setup.php');  
  
$smarty = new Smarty_GuestBook();  
  
$smarty->assign('name', 'Ned');  
  
$smarty->display('index.tpl');  
?>
```

```
##### ## #####, ### ##### ##### Smarty ##### - ##### #####  
Smarty_GuestBook, ##### ##### #####  
#####.
```

Part II. Smarty ###
#####

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{eval}	107
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Chapter 3.

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{ # }, ## #### #####.

#####. Smarty ##
##, ## #####. #####
Smarty ##### ## ##, ## ##### ## # ##### ## ##
#####.

#####

(*) #####, #####:

{* ### ##### *}

Smarty ## ##### # #####, # ##### ## <!-- ##### HTML
-->. ## ##### # ##### # #####, ##### ## ## ## ;)

```

<body>                                     #####
{* # - ##### Smarty, # # ##### # ##### *}
<html>
Example 3.1. #####
  <title>{$title}</title>
</head>
<body>

{* ##### Smarty *}
<!-- HTML-##### -->

{* #####
  ## #####
*}

{*****
#####
  @ author:      bg@example.com
  @ maintainer:  support@example.com
  @ para:        var that sets block style
  @ css:         the style output
*****}

{* #####-##### # ##### # #.#. *}
{include file='header.tpl'}

{* #####: ##### $includeFile ##### # ##### foo.php
<!-- ##### -->
{include file=$includeFile}

{* ##### <select> ##### *}
{*
<select name="company">
  {html_options options=$vals selected=$selected_id}
</select>
*}

<!-- ##### -->
{* $affiliate|upper *}

{* ##### *}
{*
<select name="company">
  {* <option value="0">-- ## -- </option> *}
  {html_options options=$vals selected=$selected_id}
</select>
*}

{* cvs-## #####: ## 36 ##### ## ##,
  ## # ##### CVS ##### *}
{* &#36;Id: Exp &#36; *}
{* $Id: *}
</body>
</html>

```


Example 3.6. #####

```
{* ##### $tpl_name ## ##### *}
{include file="subdir/$tpl_name.tpl"}

{* ## ##### $tpl_name *}
{include file='subdir/$tpl_name.tpl'} <--

{* ##### ##### ## ## ##, ## ## ##### *}
{cycle values="one,two,`$smarty.config.myval`"}

{* ##### $module['contact'].'.tpl' # PHP *}
{include file="`$module.contact`.tpl"}

{* ##### $module[$view'].'.tpl' # PHP *}
{include file="`$module.$view`.tpl"}

##. ##### escape.
```

#####

#####

Example 3.7. #####

```
{$foo+1}

{$foo*$bar}

{* #####}

{$foo->bar-$bar[1]*$baz->foo->bar()-3*7}

{if ($foo+$bar.test%$baz*134232+10+$b+10)}

{$foo|truncate:"`$fooTruncCount/$barTruncFactor-1`"}

{assign var="foo" value="`$foo+$bar`"}

##. ##### {math} ## ##### # {eval}.
```

Smarty

Smarty ## #####, ##### ## #####
#####. ##### ##### ##### Javascript ##

CSS-#### # #####. ##### { # },
Smarty.

Javascript# # CSS-####
HTML ## # ##.

{literal}..{/literal}.
HTML-##### (# #.), ## #####
{ldelim},{rdelim} ## {\$smarty.ldelim} ## #####.

\$left_delimiter# \$right_delimiter#
Smarty.

Example 3.8. #####

```
<?php

$smarty->left_delimiter = '<!--{';
$smarty->right_delimiter = '}'-->';

$smarty->assign('foo', 'bar');
$smarty->assign('name', 'Albert');
$smarty->display('example.tpl');

?>
```

#####:

```
Welcome <!--{$name}--> to Smarty
<script language="javascript">
  var foo = <!--{$foo}-->;
  function dosomething() {
    alert("foo is " + foo);
  }
  dosomething();
</script>
```

Chapter 4.

Smarty ##### ##### ##### #####. ## ##### # #####, # #####
#####, ## # ##### #####.

Smarty ##### # ## ##### # ## #####, #####,
#####, ##### ##### ##### # #.#. ## ##### #####
#####.

Example 4.1.

```
[  
{ $Name }  
  
{ $product.part_no } <b>{ $product.description }</b>  
  
{ $Contacts[row].Phone }  
  
<body bgcolor="{ #bgcolor# }">
```

#####

Smarty.

#####, ##### ## PHP

#####, ##### # ## PHP #####, ##### # ##
(\$) . #####, ##### # ## ##### {assign} #####
#####.

Example 4.2. #####

PHP-#####

```
<?php
$smarty = new Smarty;

$smarty->assign('firstname', 'Doug');
$smarty->assign('lastname', 'Evans');
$smarty->assign('meetingPlace', 'New York');

$smarty->display('index.tpl');

?>
```

index.tpl:

```
Hello {$firstname} {$lastname}, glad to see you can make it.
<br />
{* ### ## #####, ##### ## ##### # ##### *}
This weeks meeting is in {$meetingplace}.
{* # ### - ##### *}
This weeks meeting is in {$meetingPlace}.
```

#####:

```
Hello Doug Evans, glad to see you can make it.
<br />
This weeks meeting is in .
This weeks meeting is in New York.
```

#####

```
## ##### ##### # #####, ##### # PHP, #####
##### '!' (#####).
```

Example 4.3. ##### # #####

```
<?php
$smarty->assign('Contacts',
    array('fax' => '555-222-9876',
          'email' => 'zaphod@slartibartfast.example.com',
          'phone' => array('home' => '555-444-3333',
                          'cell' => '555-111-1234')
        )
    );
$smarty->display('index.tpl');
?>
```

index.tpl:

```
{ $Contacts.fax }<br />
{ $Contacts.email }<br />
{ * you can print arrays of arrays as well *}
{ $Contacts.phone.home }<br />
{ $Contacts.phone.cell }<br />
```

#####:

```
555-222-9876<br />
zaphod@slartibartfast.example.com<br />
555-444-3333<br />
555-111-1234<br />
```

#####

##, ### # # ##### PHP.

Example 4.4. ##### # ##### ## #####

```
<?php
$smarty->assign('Contacts', array(
    '555-222-9876',
    'zaphod@slartibartfast.example.com',
    array('555-444-3333',
        '555-111-1234')
    ));
$smarty->display('index.tpl');
?>
```

index.tpl:

```
{ $Contacts[0] }<br />
{ $Contacts[1] }<br />
{ * you can print arrays of arrays as well *}
{ $Contacts[2][0] }<br />
{ $Contacts[2][1] }<br />
```

:

```
555-222-9876<br />
zaphod@slartibartfast.example.com<br />
555-444-3333<br />
555-111-1234<br />
```

#####

```
# #####, ##### ## PHP, #####, ##### ## #####
##### '->.
```

Example 4.5. ##### # ##### #####

```
name: {$person->name}<br />
email: {$person->email}<br />
```

#####:

```
name: Zaphod Beeblebrox<br />
email: zaphod@slartibartfast.example.com<br />
```

#####

```
### #####, ##### ## #####, #####
## ## ##### # ## ##### $smarty.config. ## #
##### ##### ##### #####.
```

foo.conf:

Example 4.6. #####

```
bodyBgColor = "#eeeeee"
tableBorderSize = "3"
tableBgColor = "#bbbbbb"
rowBgColor = "#cccccc"
```

index.tpl:

```
{config_load file="foo.conf"}
<html>
<title>{#pageTitle#}</title>
<body bgcolor="{#bodyBgColor#}">
<table border="{#tableBorderSize#}" bgcolor="{#tableBgColor#}">
<tr bgcolor="{#rowBgColor#}">
    <td>First</td>
    <td>Last</td>
    <td>Address</td>
</tr>
</table>
</body>
</html>
```

index.tpl: (#####)

```
{config_load file="foo.conf"}
<html>
<title>{$smarty.config.pageTitle}</title>
<body bgcolor="{ $smarty.config.bodyBgColor}">
<table border="{ $smarty.config.tableBorderSize}" bgcolor="{ $smarty.config.tableBgC
<tr bgcolor="{ $smarty.config.rowBgColor}">
    <td>First</td>
    <td>Last</td>
    <td>Address</td>
</tr>
</table>
</body>
</html>
```

#####:

```
<html>
<title>This is mine</title>
<body bgcolor="#eeeeee">
<table border="3" bgcolor="#bbbbbb">
<tr bgcolor="#cccccc">
<td>First</td>
<td>Last</td>
<td>Address</td>
</tr>
</table>
</body>
</html>
```

#####

#####, ##### ## ## ##### #####.
(config_load).

##. ##### ##### # ##### ##### \$smarty

{ \$smarty }

{ \$smarty } ##### ## ##### ## ##### #
#####. ##### ## #####

#####

[http://php.net/reserved.variables], ##### ## \$_GET, \$_POST, \$_COOKIE,
\$_SERVER, \$_ENV # \$_SESSION (##. \$request_vars_order # \$request_use_auto_globals), #####
##, ## ##### #

Example 4.7.

```
{* ##### page ## URL ($_GET) http://www.example.com/index.php?page  
{ $smarty.get.page }
```

```
{* ##### "page" ## ##### ($_POST['page']) *}  
{ $smarty.post.page }
```

```
{* ##### cookie "username" ($_COOKIE['username']) *}  
{ $smarty.cookies.username }
```

```
{* ##### "SERVER_NAME" ($_SERVER['SERVER_NAME']) *}  
{ $smarty.server.SERVER_NAME }
```

```
{* ##### "PATH" *}  
{ $smarty.env.PATH }
```

```
{* ##### PHP "id" ($_SESSION['id']) *}  
{ $smarty.session.id }
```

```
{* ##### "username" ## ##### get/post/cookies/server/env *}  
{ $smarty.request.username }
```

Note

```
## #####, ##### # ##### { $SCRIPT_NAME } #####  
##### ##, ##### #####  
{ $smarty.server.SCRIPT_NAME }.
```

```
<a href="{ $SCRIPT_NAME }?page=smarty">click me</a>  
<a href="{ $smarty.server.SCRIPT_NAME }?page=smarty">click me</a>
```


{Smarty.now}

```
##### [http://php.net/function.time] ##### {Smarty.now}. ###
##### , ##### # #####
##### (1 ##### 1970 ###). ## ##### date_format ###
##### /#####. #####, ## time() #####; #
#####, #####, ##### # ##### $Smarty.now # # #####,
##### # ## #####.
```

Example 4.8. ##### {Smarty.now}

```
{* ##### date_format ### ##### /#####*}
{Smarty.now|date_format:"%Y-%m-%d %H:%M:%S"}
```

{Smarty.const}

```
## ##### PHP #####. ##. ##### Smarty
```

Example 4.9. ##### {Smarty.const} ###

```
// ##### # PHP
define('_MY_CONST_VAL', 'CHERRIES');
```

```
{* ##### PHP # * }
{Smarty.const._MY_CONST_VAL}
```

{Smarty.capture}

```
##### , ##### {capture}../capture}, #####
##### {Smarty.capture}. ##. ##### # {capture} ### #####
```

{Smarty.config}

```
##### {Smarty} ##### #
#####. {Smarty.config.foo} ##### {foo}. ##. ##### # {config_load} ###
#####
```

{Smarty.section}, {Smarty.foreach}

```
##### {Smarty} ##### #
{foreach}. ### #####.first, .index #.##.
```

{Smarty.template}

```
##### ## ##### ##### #####. #### ##### container.tpl #
##### # ##### banner.tpl, ## ##### {Smarty.template}
```

```
<b>Main container is {Smarty.template}</b>
{include file='banner.tpl'}
```

```
##### #####:
```

```
<b>Main page if container.tpl</b>
banner.tpl
```

{Smarty.version}

```
##### ##### Smarty, # ##### ## #####.
```

```
<div id="footer">Powered by Smarty {Smarty.version}</div>
```

{Smarty.ldelim}, {Smarty.rdelim}

```
## ##### ##### ## ##### # ##### ##### - ## ##, ## #
{ldelim},{rdelim}.
```

```
##. ##### # #####
```


#####

{ \$articleTitle | @count } - #####
\$articleTitle ##### PHP count () [http://php.net/count]
#####

- ##### \$plugins_dir ###
register_modifier(); ###
PHP-####, ### #

PHP-##### #
PHP-##### "#####":

- ##-##### # \$foo ##
{ "%2.f" | sprintf:\$float } - ##
{ \$float | string_format:"%2.f" }, ##### Smarty).

- ##-##### # \$security, ## PHP-#####
"#####" # MODIFIER_FUNCS #####
\$security_settings.

##. ##### register_modifier(), ##### - #####
Smarty.

capitalize

#####

#####	###	#####	## #####	#####
1	boolean	###	false	#### ##### ##### ## ##### ##### #

Example 5.2. capitalize

```
<?php
$smarty->assign('articleTitle', 'next x-men film, x3, delayed. ');
?>
```

#####:

```
{ $articleTitle }
{ $articleTitle|capitalize }
{ $articleTitle|capitalize:true }
```

#####:

```
next x-men film, x3, delayed.
Next X-Men Film, x3, Delayed.
Next X-Men Film, X3, Delayed.
```

##. ##### lower # upper

cat

#.

##### #####	###	#####	cat	#####
1	string	###	#####	##### # ##### # ##### # #####.

Example 5.3. cat

```
<?php
$smarty->assign('articleTitle', "Psychics predict world didn't end");
?>
```

#####:

```
{ $articleTitle|cat:" yesterday." }
```

#####:

Psychics predict world didn't end yesterday.

count_characters

#####

#####	###	#####	## #####	#####
1	boolean	###	false	#####, ##### ## ##### ### #####.

Example 5.4. count_characters

```
<?php
$smarty->assign('articleTitle', 'Cold Wave Linked to Temperatures. ');
?>
```

#####:

```
{ $articleTitle }
{ $articleTitle | count_characters }
{ $articleTitle | count_characters : true }
```

#####:

```
Cold Wave Linked to Temperatures.
29
33
```

##. ##### count_words, count_sentences # count_paragraphs.

count_paragraphs

#####.

Example 5.5. count_paragraphs

```
<?php
$smarty->assign('articleTitle',
    "War Dims Hope for Peace. Child's Death Ruins Couple's Holiday.\n\
    Man is Fatally Slain. Death Causes Loneliness, Feeling of Isolatio
");
?>
```

#####:

```
{ $articleTitle }
{ $articleTitle | count_paragraphs }
```

#####

War Dims Hope for Peace. Child's Death Ruins Couple's Holiday.

Man is Fatally Slain. Death Causes Loneliness, Feeling of Isolation.
2

##. ##### count_characters, count_sentences # count_words.

count_sentences

#####

Example 5.6. count_sentences

```
<?php
$smarty->assign('articleTitle',
               'Two Soviet Ships Collide - One Dies.
               Enraged Cow Injures Farmer with Axe.'
               );
?>
```

#####:

```
{ $articleTitle }
{ $articleTitle | count_sentences }
```

#####

```
Two Soviet Ships Collide - One Dies. Enraged Cow Injures Farmer with Axe.
2
```

##. ##### count_characters, count_paragraphs # count_words.

count_words

#####

Example 5.7. count_words

```
<?php

$smarty->assign('articleTitle', 'Dealers Will Hear Car Talk at Noon. ');

?>

#####:

{$articleTitle}
{$articleTitle|count_words}

#####:

Dealers Will Hear Car Talk at Noon.
7
```

See also count_characters, count_paragraphs and count_sentences.

date_format

Smarty # ##### [http://php.net/function.time] unix, ##### mysql
 ### # #####, ##### # ##, #####
 strtotime() [http://php.net/strtotime]. ##### date_format ###
 ##### # date_format, ##### #
 #####, ## #####

#####	###	#####	## #####	#####
1	string	###	%b %e, %Y	### ##### ## ##### ###.
2	string	###	n/a	### ##### ## #####, ##### #####

Note

Smarty-2.6.10, ##### # date_format, #####
 ##### unix (##### mysql, ##. #####).

```
## Smarty-2.6.10, #####, ##### ## ## ##### #### #####  
strtotime() # php (# ##, "#####"), ##### - # ##### ##  
##### strtotime() - ##### ## ##, # ## ##.  
  
##### - ## ##### ##### mysql: ## ## ## ##### #  
##### ## 14 ##### ("#####"). ##### ##### mysql #####  
#####, ## ##### ##### unix.
```

Example 5.8. date_format

```
<?php  
  
$config['date'] = '%I:%M %p';  
$config['time'] = '%H:%M:%S';  
$smarty->assign('config', $config);  
$smarty->assign('yesterday', strtotime('-1 day'));  
  
?>
```

(##### \$smarty.now):

```
{ $smarty.now | date_format }  
{ $smarty.now | date_format: "%D" }  
{ $smarty.now | date_format: $config.date }  
{ $yesterday | date_format }  
{ $yesterday | date_format: "%A, %B %e, %Y" }  
{ $yesterday | date_format: $config.time }
```

#####:

```
Feb 6, 2001  
02/06/01  
02:33 pm  
Feb 5, 2001  
Monday, February 5, 2001  
14:33:00
```

date_format:

- %a - ##### ## ##, # ##### ##
- %A - ##### ## ##, # ##### ##

- %b - #####, # #####
- %B - #####, # #####
- %c - ##### # #####
- %C - ##### (###, ##### # 100, ##### # ##### # 00 # 99)
- %d - ##### # ##### (# 01 # 31)
- %D - ##### %m/%d/%y
- %e - ##### # ##### # ##### (# 1 # 31)
- %g - Week-based year within century [00,99]
- %G - Week-based year, including the century [0000,9999]
- %h - ##### %b
- %H - ##### # 24-##### (# 00 # 23)
- %I - ##### # 12-##### (# 01 # 12)
- %j - ##### (# 001 # 366)
- %k - ##### # 24-##### # ##### (# 0 # 23)
- %l - ##### # 12-##### # ##### (# 1 # 12)
- %m - ##### (# 01 # 12)
- %M - #####
- %n - #####
- %p - `am' ## `pm', # ##### # ##### # ##### # #####.
- %r - time in a.m. and p.m. notation
- %R - time in 24 hour notation
- %S - #####
- %t - #####
- %T - ##### # ##### %H:%M:%S
- %u - ##### # ##### [1,7], ## 1-## - #####
- %U - ##### # #####, ##### # ##### # ##### # ##### # #####
- %V - ##### # ##### (# ISO 8601:1988) # ##### # 01 # 53, ## # ##### # #, # ##### # 4 # ##### # ##### # ##### # ##### # #####.

- %w - #####, ## 0 - #####
- %W - ##### # ##, ##### ##### ##### ##### #####.
- %x - ##### ##### ##### ##### locale ## #####
- %X - ##### ##### ##### ##### locale ## ##
- %y - ## # ##### ##### ## ## (# 00 # 99)
- %Y - ## # ##### ##### ##### ##
- %Z - ##### ## ## ## #####
- %% - ##### `%'`

#####

date_format ##### PHP strftime() [http://php.net/strftime].
 ## ##### #/### ## ##### ##### #####
 ##### # ##### strftime() [http://php.net/strftime] ## ##, ##
 ## ##### PHP. ##### ##### ##### #####
 ##### #####

##. ##### \$smarty.now, ##### php strftime() [http://php.net/strftime], {html_select_date} # ##.

default

#####. ## ## ##
 ##### ## ##### # #####, ##### ## #####
 ##### ##.

Note

error_reporting ##### # E_ALL, #####
 ##### # #####. ## ##### ## #####
 ## #####.

#####	##	#####	## #####	#####
1	string	##	empty	## ##### ## ##### ## #####, ## #####

Example 5.9. default

```
<?php

$smarty->assign('articleTitle', 'Dealers Will Hear Car Talk at Noon. ');
$smarty->assign('email', '');

?>
```

#####:

```
{ $articleTitle|default:'no title' }
{ $myTitle|default:'no title' }
{ $email|default:'No email address available' }
```

#####:

Dealers Will Hear Car Talk at Noon.
no title
No email address available

##. #####

escape

/ #####
HTML, URL'##, #####, hex-#####, hex-#####, javascript #
HTML.

#####	###	#####	Possible Values	## #####	#####
1	string	html,string,all,url,urle,info,quotes,hex,hex,url,ty,java,script,mail			#####
2	string	###	ISO-8859-1, UTF-8, ... ##### #####, ##### ##### htmlentities()	ISO-8859-1	##### #####, ##### # htmlentities() # #.

#####

##### #####	###	#####	Possible Values	## #####	#####
			[http://php.net/htmlentities]		

Example 5.10. escape

```

<?php

$smarty->assign('articleTitle',
               "'Stiff Opposition Expected to Casketless Funeral Plan'"
               );
$smarty->assign('EmailAddress', 'smarty@example.com');
?>

#####:

{$articleTitle}
{$articleTitle|escape}
{$articleTitle|escape:'html'}      { * ##### & " ' < > * }
{$articleTitle|escape:'htmlall'}   { * ##### ### HTML-##### * }
{$articleTitle|escape:'url'}
{$articleTitle|escape:'quotes'}
<a href="mailto:{$EmailAddress|escape:"hex"}">{$EmailAddress|escape:"hexentity"}</
{$EmailAddress|escape:'mail'}      { * ##### e-mail # ##### * }
{'mail@example.com'|escape:'mail'}

#####:

'Stiff Opposition Expected to Casketless Funeral Plan'
&#039;Stiff Opposition Expected to Casketless Funeral Plan&#039;
&#039;Stiff Opposition Expected to Casketless Funeral Plan&#039;
&#039;Stiff Opposition Expected to Casketless Funeral Plan&#039;
%27Stiff+Opposition+Expected+to+Casketless+Funeral+Plan%27
\'Stiff Opposition Expected to Casketless Funeral Plan\'
<a href="mailto:%62%6f%..snip..%65%74">&#x62;&#x6f;&#x62..snip..&#x65;&#x74;</a>
smarty [AT] example [DOT] com
mail [AT] example [DOT] com

#####: #####, ### ##### ##### PHP ##### ##### #####,
### ### ##### #####

{ * GET-##### rewind ##### ##### * }
<a href="{ $SCRIPT_NAME }?page=foo&rewind={$smarty.server.REQUEST_URI|urlencode}">cl

### ##### ### e-mail'##, ## ##. ##### {mailto}

{ * email address mangled * }
<a href="mailto:{$EmailAddress|escape:'hex'}">{$EmailAddress|escape:'mail'}</a>

```


##. ##### Smarty, {mailto} # ##### E-mail #####.

indent

#, ## - 4 #. # #####
#, #####
#####. (##### "t" # #).

#####	###	#####	## #####	#####
1	integer	###	4	##### ##### ##### ##### ## #####.
2	string	###	(#####)	#####, ##### ##### #####.

Example 5.11. indent

```
<?php
$smarty->assign('articleTitle',
               'NJ judge to rule on nude beach.
               Sun or rain expected today, dark tonight.
               Statistics show that teen pregnancy drops off significantly after 25.'
               );
```

```
?>
```

```
#####:
```

```
{ $articleTitle }
{ $articleTitle|indent }
{ $articleTitle|indent:10 }
{ $articleTitle|indent:1:"\t" }
```

```
#####
```

```
NJ judge to rule on nude beach.
Sun or rain expected today, dark tonight.
Statistics show that teen pregnancy drops off significantly after 25.
```

```
    NJ judge to rule on nude beach.
    Sun or rain expected today, dark tonight.
    Statistics show that teen pregnancy drops off significantly after 25.
```

```
        NJ judge to rule on nude beach.
        Sun or rain expected today, dark tonight.
        Statistics show that teen pregnancy drops off significantly after 25.
```

```
            NJ judge to rule on nude beach.
            Sun or rain expected today, dark tonight.
            Statistics show that teen pregnancy drops off significantly after 25.
```

```
##. ##### strip, wordwrap # spacyfy.
```


Example 5.13. nl2br

```
<?php
$smarty->assign('articleTitle',
               "Sun or rain expected\ntoday, dark tonight"
               );
?>
```

#####:

```
{ $articleTitle|nl2br }
```

#####:

Sun or rain expected
today, dark tonight

##. ##### word_wrap, count_paragraphs # count_sentences.

regex_replace

#####. ##### # ##
PHP preg_replace() [http://php.net/preg_replace].

##### #####	###	#####	## #####	#####
1	string	##	n/a	##### ##### ## ##### #####.
2	string	##	n/a	#####, ##### ## ##### #####.

Example 5.15. replace

```
<?php
$smarty->assign('articleTitle', "Child's Stool Great for Use in Garden.");
?>
```

#####:

```
{ $articleTitle }
{ $articleTitle|replace:'Garden':'Vineyard' }
{ $articleTitle|replace:' ':' ' }
```

#####:

```
Child's Stool Great for Use in Garden.
Child's Stool Great for Use in Vineyard.
Child's  Stool  Great  for  Use  in  Garden.
```

##. ##### regex_replace # escape.

spacify

spacify is a way to insert a space between every character of a variable. You can optionally pass a different character (or string) to insert.

##### #####	###	#####	## #####	#####
1	string	###	#### #####	### ##### ##### ##### #####.

Example 5.16. spacyfy

```
<?php
$smarty->assign('articleTitle', 'Something Went Wrong in Jet Crash, Experts Say.')
?>
```

#####:

```
{ $articleTitle }
{ $articleTitle|spacyfy }
{ $articleTitle|spacyfy:"^" }
```

#####:

```
Something Went Wrong in Jet Crash, Experts Say.
S o m e t h i n g   W . . . . ##### . . . . s h ,   E x p e r t s   S a y .
S ^ o ^ m ^ e ^ t ^ h ^ i ^ n ^ g ^ . . . . ##### . . . . ^ e ^ r ^ t ^ s ^ ^ S ^ a ^ y ^ .
```

##. ##### wordwrap # nl2br.

string_format

#####, ##### ## ##### # #.#.
sprintf() [http://php.net/sprintf] ### #####.

##### #####	###	#####	## #####	#####
1	string	##	n/a	##### ##### (sprintf).

Example 5.17. string_format

```
<?php
$smarty->assign('number', 23.5787446);
?>
```

#####:

```
{ $number }
{ $number | string_format: "%.2f" }
{ $number | string_format: "%d" }
```

This should output:

```
23.5787446
23.58
24
```

##. ##### date_format.

strip

#####, ##### # ##### (###
#####).

#####

{strip}.

Example 5.18. strip

```
<?php
$smarty->assign('articleTitle', "Grandmother of\neight makes\t hole in one.");
?>
```

#####:

```
{ $articleTitle }
{ $articleTitle|strip }
{ $articleTitle|strip:'&nbsp;' }
```

#####:

```
Grandmother of
eight makes      hole in one.
Grandmother of eight makes hole in one.
Grandmother&nbsp;of&nbsp;eight&nbsp;makes&nbsp;hole&nbsp;in&nbsp;one.
```

##. ##### {strip} # truncate.

strip_tags

#####. #####, ###, ### ##### <#>, #####.

##### #####	###	#####	## #####	#####
1	bool	###	true	#####, ##### ##### ## '### #'

Example 5.19. strip_tags

```
<?php

$smarty->assign('articleTitle',
    "Blind Woman Gets <font face=\"helvetica\">New
Kidney</font> from Dad she Hasn't Seen in <b>years</b>."
);

?>
```

#####:

```
{ $articleTitle }
{ $articleTitle|strip_tags } { * ## ## #####, ### # { $articleTitle|strip_tags:true } *
{ $articleTitle|strip_tags:false }
```

#####:

Blind Woman Gets New Kidney from Dad she Hasn't Seen
Blind Woman Gets New Kidney from Dad she Hasn't Seen in years .
Blind Woman Gets New Kidney from Dad she Hasn't Seen in years.

truncate

```
##### ##### ## #####, ## ##### - 80 #####. # #####
##### #####, ## ##### #####, #####
##### # #####. ##### ## ##### # #####
#####. ## #####, truncate ##### # #####
#####. ## ## ##### ##### ## #####, ##### # #####
##### ##### true.
```

#####	###	#####	## #####	#####
1	integer	###	80	##### ##### ##### #####.
2	string	###	...	##### ## ## ##, ##### #####

##### #####	###	#####	## #####	#####
				## ##### ## ##### # ##### ##### ##### #####.
3	boolean	###	false	#####, ##### ## ##### # ##### ## ##### (false) ### ##### ## ##### ## (true).
4	boolean	###	false	#####, ## ##### ##### # ## (false) ## # ##### ## (true). ##### #####, ##### ## #####, ##### ## #####.

Example 5.20. truncate

```
<?php
$smarty->assign('articleTitle', 'Two Sisters Reunite after Eighteen Years at Checkout Counter');
?>
```

#####:

```
{ $articleTitle }
{ $articleTitle|truncate }
{ $articleTitle|truncate:30 }
{ $articleTitle|truncate:30:"" }
{ $articleTitle|truncate:30:"---" }
{ $articleTitle|truncate:30:"":true }
{ $articleTitle|truncate:30:"...":true }
{ $articleTitle|truncate:30:'..':true:true }
```

#####:

```
Two Sisters Reunite after Eighteen Years at Checkout Counter.
Two Sisters Reunite after Eighteen Years at Checkout Counter.
Two Sisters Reunite after...
Two Sisters Reunite after
Two Sisters Reunite after---
Two Sisters Reunite after Eigh
Two Sisters Reunite after E...
Two Sisters Re..ckout Counter.
```

upper

#####. ##### ##### PHP strtoupper() [<http://php.net/strtoupper>].

Example 5.21. upper

```
<?php
```

```
$smarty->assign('articleTitle', "If Strike isn't Settled Quickly it may Last a Whi
```

```
?>
```

```
#####:
```

```
{ $articleTitle }
{ $articleTitle|upper }
```

```
#####
```

```
If Strike isn't Settled Quickly it may Last a While.
IF STRIKE ISN'T SETTLED QUICKLY IT MAY LAST A WHILE.
```

```
##. ##### lower # capitalize.
```

wordwrap

```
wordwrap ##### # (## - 80
#####. # #,
##### # (## - \n). ##
#####, wordwrap ##### #.
## #, ##### # #, ##### #
##### true. ## PHP wordwrap() [http://php.net/
wordwrap].
```

#####	###	#####	##	#####
1	integer	###	80	##### ##### #####, ##### ##### #####
2	string	###	\n	### ##### ##### # #####

##### #####	###	#####	## #####	#####
3	boolean	###	false	#####, ##### ## ##### # ##### ##### ##### (false), ## ## ##### ##### (true).

Example 5.22. wordwrap

```
<?php
$smarty->assign('articleTitle',
               "Blind woman gets new kidney from dad she hasn't seen in years."
               );
?>
```

#####:

```
{ $articleTitle }
{ $articleTitle|wordwrap:30 }
{ $articleTitle|wordwrap:20 }
{ $articleTitle|wordwrap:30:"<br />\n" }
{ $articleTitle|wordwrap:30:"\n":true }
```

#####

Blind woman gets new kidney from dad she hasn't seen in years.

Blind woman gets new kidney
from dad she hasn't seen in
years.

Blind woman gets new
kidney from dad she
hasn't seen in
years.

Blind woman gets new kidney

from dad she hasn't seen in

years.

Blind woman gets new kidney
from dad she hasn't seen in
years.

##. ##### nl2br # {textformat}.

Chapter 6.

#####

```
#####  
#####  
#####
```

Example 6.1.

```
<?php  
$smarty->assign('articleTitle', '#####', #####  
?>
```

```
#####:
```

```
{$articleTitle}  
{$articleTitle|upper|spacify}  
{$articleTitle|lower|spacify|truncate}  
{$articleTitle|lower|truncate:30|spacify}  
{$articleTitle|lower|spacify|truncate:30:". . ."}  
#####
```

```
#####  
#####  
#####  
#####
```


Example 7.2. ##### # #####

```
##### {popup}

{capture name=some_content assign=popText}
### #####: {$smarty.server.SERVER_NAME|upper}<br />
#####: {$smarty.server.SERVER_ADDR}<br />
### IP: {$smarty.server.REMOTE_ADDR}.
{/capture}

<a href="#" {popup caption='##### # #####' text=$popText}>help</a>
```

##. ##### \$smarty.capture, {eval}, {fetch}, fetch() # {assign}.

{config_load}

{config_load} ##### (#variables#)##
#####.

#####	###	#####	## #####	#####
file	string	##	n/a	### config ##### ### #####
section	string	###	n/a	### ##### ## #####
scope	string	###	local	##### ##### ##### #####. ##### ## ## local, parent ### global. local #####, ## ##### ##### # ##### #####. #####, ## ##### ##### # ##### ## #####, ## # ##### #####. global #####, ## ##### ##### ## #####.

### #####	###	#####	## #####	#####
global	boolean	###	No	##### ##### ##### #####. ##### scope=parent. #####: ##### ##### ##### ##### scope, ## ## ## #####. #### scope #####, ## ## ##### #####.

Example 7.3. {config_load}

```
#### example.conf.
```

```
#### #####
```

```
# #####
pageTitle = "Main Menu"
bodyBgColor = #000000
tableBgColor = #000000
rowBgColor = #00ff00
```

```
##### ##### customer
[Customer]
pageTitle = "Customer Info"
```

```
# #####
```

```
{config_load file="example.conf"}
```

```
<html>
<head>
  <title>{#pageTitle#|default:"No title"}</title>
</head>
<body bgcolor="{#bodyBgColor#}">
  <table border="{#tableBorderSize#}" bgcolor="{#tableBgColor#}">
    <tr bgcolor="{#rowBgColor#}">
      <td>First</td>
      <td>Last</td>
      <td>Address</td>
    </tr>
  </table>
</body>
</html>
```

```
##### ##### ##### #####. ## ##### #####
## #####, ##### section. ##### # ##, ##
##### ##### ##### # #####, #####
##### #####.
```

Note

```
##### ##### {section} ## #####
#####.
```

Example 7.4. ##### {config_load} # #####

```
{config_load file='example.conf' section='Customer'}

<html>
<head>
  <title>{#pageTitle#|default:"No title"}/>
</head>
<body bgcolor="{#bodyBgColor#}">
  <table border="{#tableBorderSize#}" bgcolor="{#tableBgColor#}">
    <tr bgcolor="{#rowBgColor#}">
      <td>First</td>
      <td>Last</td>
      <td>Address</td>
    </tr>
  </table>
</body>
</html>
```

```
##. $config_overwrite ### #####
```

```
##. ##### #####, #####, $config_dir,
get_config_vars() # config_load().
```

{foreach},{foreachelse}

```
{foreach} ##### ## ##### ## # #####, ## # # #####
# ##### ## ##### {section}, ##### ##### #
##### #####. ##### {foreach} ##### ## {section}, ## ##
##### ##### # ##### #####. ##### {foreach} #####
##### {/foreach}.
```

### #####	###	#####	## #####	#####
from	array	##	n/a	#####, ## ##### #####
item	string	##	n/a	### #####, ##### ##### #####
key	string	###	n/a	### #####, ##### #####
name	string	###	n/a	##### foreach

Example 7.5. ##### item

```
<?php
$arr = array(1000, 1001, 1002);
$smarty->assign('myArray', $arr);
?>
```

```
##### ## ##### $myArray # ## #####
```

```
<ul>
{foreach from=$myArray item=foo}
  <li>{$foo}</li>
{/foreach}
</ul>
```

```
##### ## ##### ## ##:
```

```
<ul>
  <li>1000</li>
  <li>1001</li>
  <li>1002</li>
</ul>
```


Example 7.7. {foreach} # ##### item

```
<?php
$items_list = array(23 => array('no' => 2456, 'label' => 'Salad'),
                    96 => array('no' => 4889, 'label' => 'Cream')
);
$smarty->assign('items', $items_list);
?>
```

```
##### ## ##### $items, # ##### $myId ##### # URL#
```

```
<ul>
{foreach from=$items key=myId item=i}
  <li><a href="item.php?id={ $myId }">{ $i.no } : { $i.label }</li>
{/foreach}
</ul>
```

```
##### ## ##### ## ## :
```

```
<ul>
  <li><a href="item.php?id=23">2456 : Salad</li>
  <li><a href="item.php?id=96">4889 : Cream</li>
</ul>
```

Example 7.8. {foreach} ## ##### item # key

```
# Smarty #####, #### ##### ## #####  
#####.
```

```
<?php  
    $smarty->assign('contacts', array(  
        array('phone' => '1',  
              'fax' => '2',  
              'cell' => '3'),  
        array('phone' => '555-4444',  
              'fax' => '555-3333',  
              'cell' => '760-1234')  
    ));  
?>
```

```
##### ## ##### $contact.
```

```
{foreach name=outer item=contact from=$contacts}  
    <hr />  
    {foreach key=key item=item from=$contact}  
        {$key}: {$item}<br />  
    {/foreach}  
{/foreach}
```

```
##### ## #####:
```

```
<hr />  
    phone: 1<br />  
    fax: 2<br />  
    cell: 3<br />  
<hr />  
    phone: 555-4444<br />  
    fax: 555-3333<br />  
    cell: 760-1234<br />
```

Example 7.9. ##### {foreachelse} ### ##### # #####

(### ##### PEAR ### ADODB) # ##### # #####
Smarty.

```
<?php
    $search_condition = "WHERE name LIKE '$foo%' ";
    $sql = 'SELECT contact_id, name, nick FROM contacts '.$search_condition.' ORDER
    $smarty->assign('results', $db->getAssoc($sql) );
?>
```

"#####" ### ##### {foreachelse} # #####, ###
#####

```
{foreach key=cid item=con from=$results}
    <a href="contact.php?contact_id={$cid}">{$con.name} - {$con.nick}</a><br />
{foreachelse}
    #####
{/foreach}
```

.index

index contains the current array index, starting with zero.

Example 7.10. *index* example

```
{* The header block is output every five rows *}
<table>
{foreach from=$items key=myId item=i name=foo}
    {if $smarty.foreach.foo.index % 5 == 0}
        <tr><th>Title</th></tr>
    {/if}
    <tr><td>{$i.label}</td></tr>
{/foreach}
</table>
```

.iteration

iteration ##### # #####, #
index. ###

Example 7.11. ##### # iteration # index

```
{* ##### ##### 0|1, 1|2, 2|3, ... # #.#. *}
{foreach from=$myArray item=i name=foo}
    {$smarty.foreach.foo.index}|{$smarty.foreach.foo.iteration},
{/foreach}
```

.first

first ##### TRUE, #### ##### {foreach} - #####.

Example 7.12. ##### ##### first

```
{* ##### "#####" ##### # id *}
<table>
{foreach from=$items key=myId item=i name=foo}
<tr>
    <td>{if $smarty.foreach.foo.first}#####{else}{$myId}{/if}</td>
    <td>{$i.label}</td>
</tr>
{/foreach}
</table>
```

.last

last ##### TRUE, #### ##### {foreach} - #####.

Example 7.13. ##### ##### last

```
{* ##### (<hr />) # ##### *}
{foreach from=$items key=part_id item=prod name=products}
    <a href="#"{$part_id}">{$prod}</a>{if $smarty.foreach.products.last}<hr />{else},
{foreachelse}
    ... content ...
{/foreach}
```

.show

```
show ##### # {foreach}. show - ## #####. #####
##### FALSE, ##### {foreach} ## #####. #####
{foreachelse}, ## #####
```

.total

```
total ##### # {foreach}. ##
##### # {foreach}.
```

Example 7.14. ##### *total*

```
{* ##### # *}
{foreach from=$items key=part_id item=prod name=foo}
{$prod.name}<hr/>
{if $smarty.foreach.foo.last}
  <div id="total">{$smarty.foreach.foo.total} #####</div>
{/if}
{foreachelse}
  ... ##-## ##### ...
{/foreach}
```

```
##. ##### {section} # $smarty.foreach.
```

{if},{elseif},{else}

```
##### {if} # Smarty ##### # if [http://php.net/if] # PHP, ##### #
##### # {if} ##### # {/
if}. {else} # {elseif} ##### # PHP, ##### #
//, or, &&, and, is_array() # #.#.
```

```
#### $security #####, ## ##### IF_FUNCS # ##### $security_settings.
```

```
#### ##### # [#####]
##### # PHP.
```

#####	#####	##### #####	#####	##### PHP
==	eq	\$a eq \$b	#####	==
!=	ne, neq	\$a neq \$b	## #####	!=
>	gt	\$a gt \$b	#####	>
<	lt	\$a lt \$b	#####	<
>=	gte, ge	\$a ge \$b	##### ## #####	>=
<=	lte, le	\$a le \$b	##### ## #####	<=
===		\$a === 0	##### #####	===
!	not	not \$a	#####	!
%	mod	\$a mod \$b	##### #####	## %

#####	#####	##### #####	#####	##### PHP
is [not] div by		\$a is not div by 4	##### ###	\$a % \$b == 0
is [not] even		\$a is not even	[##]#####	\$a % 2 == 0
is [not] even by		\$a is not even by \$b	[##]#####	(\$a / \$b) % 2 == 0
is [not] odd		\$a is not odd	[##]#####	\$a % 2 != 0
is [not] odd by		\$a is not odd by \$b	[##]#####	(\$a / \$b) % 2 != 0

```
{* ##### # ##### "###" *}
{if $name eq 'Fred' or $name eq 'Wilma'}
...
{/if} #####
```

```
{* ## ## #####, ### # #### *}
Example 7.15: ##### (if $name 'ma')
```

```
...
{/if}
```

```
{* #####}
{if ( $amount < 0 or $amount > 1000 ) and $volume >= #minVolAmt#}
```

```
...
{/if}
```

```
{* ## #####}
{if count($var) gt 0}
```

```
...
{/if}
```

```
{* #####}
{if is_array($foo) }
```

```
...
{/if}
```

```
{* #####}
{if isset($foo) }
```

```
...
{/if}
```

```
{* #####}
{if $var is even}
```

```
...
{/if}
```

```
{if $var is odd}
```

```
...
{/if}
```

```
{if $var is not odd}
```

```
...
{/if}
```

```
{* #####, ##### $var ## 4}
{if $var is div by 4}
```

```
...
{/if}
```

```
{*
#####, ##### $var #####, #####
0=#####, 1=#####, 2=#####, 3=#####, 4=#####, 5=##### # #.#.
*}
```

```
{if $var is even by 2}
```

```
...
{/if}
```

```
{* 0=#####, 1=#####, 2=#####, 3=#####, 4=#####, 5=##### # #.#. *}
{if $var is even by 3}
```

```
...
{/if}
```


Example 7.17. ##### {include}

```

<html>
  <head>
    <title>{$title}</title>
  </head>
  <body>
    {include file='page_header.tpl'}
    {* ### ### ### ### *}
    {include file="$tpl_name.tpl"} <-- ##### $tpl_name ### #####
    {include file='page_footer.tpl'}
  </body>
</html>

```

```

## ##### ##### ##### ##### # ##### ##### # ### #####. #####
#####, ##### # ##### #####, ##### # ##### #####
#####. ##### ##### ##### ##### #####
##### # ##### #####

```

Example 7.18. ##### # {include}

```

{include file='header.tpl' title='Main Menu' table_bgcolor='#c0c0c0'}

{* ### ### ### ### *}

{include file='footer.tpl' logo='http://my.example.com/logo.gif'}

```

```
### header.tpl #####
```

```

<table border='1' width='100%' bgcolor='{ $table_bgcolor | default: "#0000FF" }'>
  <tr>
    <td>
      <h1>{$title}</h1>
    </td>
  </tr>
</table>

```

Example 7.19. {include} # #####

```
#### ##### nav.tpl ##### $navbar, ##### # ##### #
#####
```

```
<body>
{include file='nav.tpl' assign=navbar}
{include file='header.tpl' title='Main Menu' table_bgcolor='#effeef'}
{$navbar}
```

```
{* ### ### ### *}
```

```
{include file='footer.tpl' logo='http://my.example.com/logo.gif'}
{$navbar}
</body>
```

```
### ##### $template_dir ##### # #####
```

Example 7.20. ##### # {include}

```
{* ##### *}
{include file='/usr/local/include/templates/header.tpl'}
```

```
{* ##### (## ##) *}
{include file='file:/usr/local/include/templates/header.tpl'}
```

```
{* ##### # windows (##### "file:") *}
{include file='file:C:/www/pub/templates/header.tpl'}
```

```
{* ##### ## ## "db" *}
{include file='db:header.tpl'}
```

```
{* ##### # ##### - #####, $module = 'contacts' *}
{include file="$module.tpl"}
{* ## #####, #.#. # ##### ## #####}
{include file='$module.tpl'}
```

```
##. ##### {include_php}, {insert}, {php}, ##### and #####
```

{include_php}

```
#####
```

```
{include_php} ##### # Smarty, ## #####
### #####. ##### ##
```

{include_php} - ## ##### PHP-##### #
 plugins ## #####. ##. #####
 #####.

#####	##	#####	## #####	#####
file	string	##	n/a	## ##### php #####
once	boolean	##	true	##### ##### ## ## ##, ## ## ## ## ##### #####
assign	string	##	n/a	##### #####, ##### ## ##### ## include_php

{include_php} ##### PHP-##### # #####. #### \$security
 #####, ## PHP-##### ##### \$trusted_dir. ## {include_php}
 ##### "file", ##### PHP-#####, ##
 ##### \$trusted_dir, #####.

#####, PHP-##### ##### ##, ##
 # #####. #####, ## #####
 ##### once.
 ##### once # ## (false) #####, ##
 ## ## #####.

assign, #####,
 ##### {include_php}, #####.

smarty ##### PHP-##### ## \$this.

Example 7.21. ##### {include_php}

load_nav.php

```
<?php

// ##### MySQL # #####
require_once('MySQL.class.php');
$sql = new MySQL;
$sql->query('select * from site_nav_sections order by name',SQL_ALL);
$this->assign('sections',$sql->record);

?>
```

index.tpl

```
{* ##### # $trusted_dir *}
{include_php file='/path/to/load_nav.php'}
{foreach item="curr_section" from=$sections}
    <a href="{ $curr_section.url }">{ $curr_section.name }</a><br />
{/foreach}
```

##. ##### {include}, {php}, {capture}, ##### # #####

{insert}

{insert} ##### ## ## {include}, ## ##### ## {insert} ## #####, #####
#####. ## ##### ## ##### # #####.

### #####	###	#####	## #####	#####
name	string	##	n/a	### ##### ##### (insert_name)
assign	string	###	n/a	### #####, ##### #####
script	string	###	n/a	### php #####, ##### ##### #####
[var ...]	[var type]	###	n/a	#####, ##### # #####

Example 7.23. {ldelim}, {rdelim}

```
{* ##### # *}  
{ldelim}funcname{rdelim} is how functions look in Smarty!
```

```
#####:
```

```
{funcname} is how functions look in Smarty!
```

```
##### javascript#
```

```
<script language="JavaScript">  
function foo() {ldelim}  
    ... code ...  
{rdelim}  
</script>
```

```
#####
```

```
<script language="JavaScript">  
function foo() {  
    .... code ...  
}  
</script>
```

Example 7.24. another Javascript example

```
<script language="JavaScript" type="text/javascript">  
    function myJsFunction(){ldelim}  
        alert("The server name\n{$smarty.server.SERVER_NAME}\n{$smarty.server.SERV  
        {rdelim}  
</script>  
<a href="javascript:myJsFunction()">Click here for Server Info</a>
```

##. ##### {literal} # ##### Smarty

{literal}

```
#### {literal} #####. ##### #  
# javascript ##, # ##### #  
#####. ##### {literal}{/literal} ##, # "##  
#####". ##### # {literal}, ## #  
# {ldelim}{rdelim} ##
```

Example 7.25. ##### {literal}

```
{literal}  
<script type="text/javascript">  
<!--  
    function isblank(field) {  
        if (field.value == '')  
            { return false; }  
        else  
            {  
                document.loginform.submit();  
                return true;  
            }  
        }  
    }  
// -->  
</script>  
{/literal}
```

Example 7.26. ##### Javascript

```
<script language="JavaScript" type="text/javascript">  
{literal}  
function myJsFunction(name, ip){  
    alert("The server name\n" + name + "\n" + ip);  
}  
{/literal}  
</script>  
<a href="javascript:myJsFunction('{ $smarty.server.SERVER_NAME }', '{ $smarty.server.S
```


Example 7.27. ##### CSS # #####

```
{* ##### #... # ##### *}
<style type="text/css">
{literal}
/* ### ##### */
.madIdea{
    border: 3px outset #ffffff;
    margin: 2 3 4 5px;
    background-color: #001122;
}
{/literal}
</style>
<div class="madIdea">With smarty you can embed css in the template</div>
```

```
##. ##### {ldelim} {rdelim} # ##### Smarty
```

{php}

```
### {php} ##### PHP-### # #. ## # ##-### #,
##### # $php_handling #. ### # #, ##
##### # # #.
```

Example 7.28. #### {php}

```
{php}
    // ##### php #####
    // ## #
    include('/path/to/display_weather.php');
{/php}
```

#####

```
### # # PHP ##### {php}, ### #
##### PHP global [http://php.net/global]
```

Example 7.29. ##### {php} # ##### # #####

```
{php}
    global $foo, $bar;
    if($foo == $bar){
        echo 'This will come out in the template';
    }

    $this->assign('varX','Strawberry');
{/php}
<strong>{$varX}</strong> is my fav ice cream
```


#####

```
{php}
print_r($some_array);
{/php}
```

##. ##### \$php_handling, {include_php}, {include}, {insert} # #####.

{section},{sectionelse}

(### #, ### # {foreach}). ##### {section}
{/section}. ##### name # loop. ###
{section} #####, #####, ##### {section} #####
{section} #####. #####
loop (##### - #####) #####. ###
#####, ### ##### # #####
[]. {sectionelse} ##### loop ##.

###	###	#####	##	#####
name	string	##	n/a	#####
loop	mixed	##	n/a	#####, ##### #####
start	integer	###	0	##### # ##### ##### ##### ##### ##### #####

### #####	###	#####	## #####	#####
				#####, #### # ##### 7 ##### # ##### ##### start ##### -2, ## ##### ##### 5. ##### ##### (#####, ### #####) ##### ##### ## ##### #####.#####.
step	integer	###	<i>1</i>	##### ##, ##### ##### ## #####. #####, step=2 ##### ##### ## ##### 0,2,4... ##### ## #####, ## ##### ##### ##### # ##### #####.#####.
max	integer	###	<i>1</i>	##### ##### #####.#####.
show	boolean	###	<i>true</i>	#####, ##### ## ### ##

Example 7.30. {section}

```

<?php

$data = array(1000,1001,1002);
$smarty->assign('custid',$data);

?>

{* ##### ##### ##### ## ##### ##### $custid *}
{section name=customer loop=$custid}
    id: {$custid[customer]}<br />
{/section}
<hr />
{* ##### ##### ##### ## ##### ##### $custid # ##### ##### *}
{section name=foo loop=$custid step=-1}
    {$custid[foo]}<br />
{/section}

##### ##### #####:

id: 1000<br />
id: 1001<br />
id: 1002<br />
<hr />
id: 1002<br />
id: 1001<br />
id: 1000<br />

### ##### ##### #####:

{section name=foo start=10 loop=20 step=2}
    {$smarty.section.foo.index}
{/section}
<hr />
{section name=bar loop=21 max=6 step=-2}
    {$smarty.section.bar.index}
{/section}

##### ##### #####:

10 12 14 16 18
<hr />
20 18 16 14 12 10

```

Example 7.31. ##### loop ##### {section}

```

<?php

$id = array(1001,1002,1003);
$smarty->assign('custid',$id);

$fullnames = array('John Smith','Jack Jones','Jane Munson');
$smarty->assign('name',$fullnames);

$addr = array('253 N 45th', '417 Mulberry ln', '5605 apple st');
$smarty->assign('address',$addr);

?>

{*
##### loop ##### ##### #####.
## ##### ##### # ##### ##### ## ##### #####.
### #####, ### $custid, $name # $address ### #####
#####, ##### ##### #####
*}
{section name=customer loop=$custid}
<p>
    id: {$custid[customer]}<br />
    name: {$name[customer]}<br />
    address: {$address[customer]}
</p>
{/section}

#####:

<p>
    id: 1000<br />
    name: John Smith<br />
    address: 253 N 45th
</p>
<p>
    id: 1001<br />
    name: Jack Jones<br />
    address: 417 Mulberry ln
</p>
<p>
    id: 1002<br />
    name: Jane Munson<br />
    address: 5605 apple st
</p>

```

Example 7.32. ##### {section}

```
{*
  ### ##### ##### ##### #####, ### ### ### ##### ##### #
  ##### # ##### #####
*}
{section name=anything loop=$custid}
<p>
  id: {$custid[anything]}<br />
  name: {$name[anything]}<br />
  address: {$address[anything]}
</p>
{/section}
```

<?php

Example 7.33. #####

\$id = array(1001,1002,1003);

\$smarty->assign('custid',\$id);

\$fullnames = array('John Smith','Jack Jones','Jane Munson');

\$smarty->assign('name',\$fullnames);

\$addr = array('253 N 45th', '417 Mulberry ln', '5605 apple st');

\$smarty->assign('address',\$addr);

\$types = array(

array('home phone', 'cell phone', 'e-mail'),

array('home phone', 'web'),

array('cell phone')

);

\$smarty->assign('contact_type', \$types);

\$info = array(

array('555-555-5555', '666-555-5555', 'john@myexample.com'),

array('123-456-4', 'www.example.com'),

array('0457878')

);

\$smarty->assign('contact_info', \$info);

{*

#####. #####. #####. #####. #####.

#####,

#####. # ##### \$contact_type[customer] - ##

#####.

*}

{section name=customer loop=\$custid}

<hr>

id: {\$custid[customer]}

name: {\$name[customer]}

address: {\$address[customer]}

<hr>{section name=contact loop=\$contact_type[customer]}

id: 1000
type[customer][contact]: {\$contact_info[customer][contact]}<br

#####.

{/section} Smith

address: 253 N 45th

home phone: 555-555-5555

cell phone: 666-555-5555

e-mail: john@myexample.com

<hr>

id: 1001

name: Jack Jones

address: 417 Mulberry ln

home phone: 123-456-4

web: www.example.com

<hr>

id: 1002

name: Jane Munson

address: 5605 apple st

cell phone: 0457878

<?php

Example 7.34. ##### # #####

```

$data = array(
    array('name' => 'John Smith', 'home' => '555-555-5555',
          'cell' => '666-555-5555', 'email' => 'john@myexample.com'),
    array('name' => 'Jack Jones', 'home' => '777-555-5555',
          'cell' => '888-555-5555', 'email' => 'jack@myexample.com'),
    array('name' => 'Jane Munson', 'home' => '000-555-5555',
          'cell' => '123456', 'email' => 'jane@myexample.com')
);
$smarty->assign('contacts',$data);

{*
    ### #####
    #####
*}
{section name=customer loop=$contacts}
<p>
    name: {$contacts[customer].name}<br />
    home: {$contacts[customer].home}<br />
    cell: {$contacts[customer].cell}<br />
    name: John Smith<br />
    ##### {$contacts[customer].email}
    home: 555-555-5555<br />
</p>
{/section}
e-mail: john@myexample.com
</p>
<p>
    name: Jack Jones<br />
    home phone: 777-555-5555<br />
    cell phone: 888-555-5555<br />
    e-mail: jack@myexample.com
</p>
<p>
    name: Jane Munson<br />
    home phone: 000-555-5555<br />
    cell phone: 123456<br />
    e-mail: jane@myexample.com
</p>
{*
    ##### # # #
*}
<table>
<tr><th>&nbsp;</th><th>Name</th><th>Home</th><th>Cell</th><th>Email</th></tr>
{section name=co loop=$contacts}
<tr>
    <td><a href="view.php?id={$contacts[co].id}">view<a></td>
    <td>{$contacts[co].name}</td>
    <td>{$contacts[co].home}</td>
    <td>{$contacts[co].cell}</td>
    <td>{$contacts[co].email}</td>
</tr>
{/section}
</table>

```


index_prev

index_prev #####
-1.

index_next

index_next #####
(#####, ##### step).

Note

start, step # max, # ##### ## ##### index. #####
####, ##### ##### # #####, # ## # ####, ### #####. rownum - ### ##### #
iteration, ### ##### #####.

Example 7.38. ##### {section} iteration

```
<?php

// array of 3000 to 3015
$id = range(3000,3015);
$smarty->assign('custid',$id);

?>
```

```
{section name=cu loop=$custid start=5 step=2}
  iteration={$smarty.section.cu.iteration}
  index={$smarty.section.cu.index}
  id={$custid[cu]}<br />
{/section}
```

```
#####
```

```
iteration=1 index=5 id=3005<br />
iteration=2 index=7 id=3007<br />
iteration=3 index=9 id=3009<br />
iteration=4 index=11 id=3011<br />
iteration=5 index=13 id=3013<br />
iteration=6 index=15 id=3015<br />
```

```
#### ##### iteration ### #####
##### (##### {if} # ##### mod - ##### ## #####).
```

```
<table>
{section name=co loop=$contacts}
  {if $smarty.section.co.iteration % 5 == 1}
    <tr><th>&nbsp;</th><th>Name</th><th>Home</th><th>Cell</th><th>Email</th></tr>
  {/if}
  <tr>
    <td><a href="view.php?id={$contacts[co].id}">view<a></td>
    <td>{$contacts[co].name}</td>
    <td>{$contacts[co].home}</td>
    <td>{$contacts[co].cell}</td>
    <td>{$contacts[co].email}</td>
  <tr>
{/section}
</table>
```

first

first ##### # true, ### ##### ##### ##### #####.

last

last ##### # true, ### ##### ##### ##### #####.

Example 7.39. ##### {section} first # last

\$customers, ##### ##### ## ##### #
(##### ##### {section} total)

```
{section name=customer loop=$customers}
  {if $smarty.section.customer.first}
    <table>
      <tr><th>id</th><th>customer</th></tr>
    {/if}

    <tr>
      <td>{$customers[customer].id}</td>
      <td>{$customers[customer].name}</td>
    </tr>

    {if $smarty.section.customer.last}
      <tr><td></td><td>{$smarty.section.customer.total} customers</td></tr>
    </table>
  {/if}
{/section}
```

rownum

rownum ##### ## ##### ##### ##### #####, ##### # #####. ##
iteration, ## ##### #####.

loop

loop ##### ## ##### ##### #####, ## ##### #####
#####. ## ##### ##### ##### #####, ## # ## #####.

Example 7.40. ##### {section} index

```
{section name=customer loop=$custid}
  {$smarty.section.customer.index} id: {$custid[customer]}<br />
{/section}
```

There were {\$smarty.section.customer.loop} customers shown above.

#####:

```
0 id: 1000<br />
1 id: 1001<br />
2 id: 1002<br />
```

There were 3 customers shown above.

show

```
show ##### # ##### #. show ##### #, true ## false.
#### false, ##### ## ##### #. #### # {sectionelse}, ##### #
##### #.
```

Example 7.41. ##### {section} show

```
{*
 $show_customer_info (true/false) ##### PHP,
 #####, #####
*}
{section name=customer loop=$custid show=$show_customer_info}
  {$smarty.section.customer.rownum} id: {$custid[customer]}<br />
{/section}

{if $smarty.section.customer.show}
  the section was shown.
{else}
  the section was not shown.
{/if}
```

#####:

```
1 id: 1000<br />
2 id: 1001<br />
3 id: 1002<br />
```

the section was shown.

total

```
total #####, #####. ##
#####, ## # #####.
```


Example 7.42. ##### {section} total

```
{section name=customer loop=$custid step=2}
  {$smarty.section.customer.index} id: {$custid[customer]}<br />
{/section}
```

There were {\$smarty.section.customer.total} customers shown above.

#####:

```
0 id: 1000<br />
2 id: 1002<br />
4 id: 1004<br />
```

There were 3 customers shown above.

##. ##### {foreach} # \$smarty.section.

{strip}

HTML # ##### ("###" #####), ## ### #
#, #####. ## #
#####.

#, ##### {strip} # {/strip}, # #
#####. ## # ## #
#####.

#####

```
{strip} {/strip} ## # ## #.  
##### strip.
```

Example 7.43. #### {strip}

```
{* ##### # ##### # ##### # ##### #}
{strip}
<table border='0'>
  <tr>
    <td>
      <a href="{ $url}">
        <font color="red">This is a test</font>
      </a>
    </td>
  </tr>
</table>
{/strip}
```

#####:

<table border='0'><tr><td><a href="http://...snipped...</td></tr></table>

#####, ## # ##### # HTML #####. #####,
#####. #### # ##### # # #### #
#####, ## # ##### # #####

Chapter 8.

Smarty ##### # ##### #####, ##### ## #####
#####.

{assign}

{assign} ##### ## ##### ##### # ##### #####.

### #####	###	#####	## #####	#####
var	string	##	n/a	### #####, ##### ##### #####
value	string	##	n/a	##### #####

Example 8.1. {assign}

```
{assign var="name" value="Bob"}
```

```
##### $name - {$name}.
```

```
##### #####:
```

```
##### $name - Bob.
```

Example 8.2. {assign} #

```
# #### # ##### # ##### # ##### # #####
```

```
{assign var=running_total value=`$running_total+$some_array[loop].some_value`}
```

Example 8.3. ##### # ##### {assign} ## PHP-#####.

{assign} ## PHP-#####. ##### # #####
 get_template_vars(). ##### # #####, ## # ##### # ##### # ##### # #####
 ##### # #####, ## # ##### # ##### # #####:

```
{* index.tpl *}
{assign var="foo" value="Smarty"}
```

```
<?php

// ## # ##### # #####, ## # ##### ## # ## # #####
echo $smarty->get_template_vars('foo');

// ##### # ##### # #####-#####
$dead = $smarty->fetch('index.tpl');

// ## # ##### 'smarty', ## # ##### ## # #####
echo $smarty->get_template_vars('foo');

$smarty->assign('foo','Even smarter');

// ## # ##### 'Even smarter'
echo $smarty->get_template_vars('foo');

?>
```

#####.

{capture}, {include}, {include_php}, {insert}, {counter}, {cycle}, {eval}, {fetch}, {math}, {textformat}

##. ##### assign() # get_template_vars().

{counter}

{counter} ##### # ##### # #####. {counter} ##### # ##### # ##### # #####
 #####. ## # ##### # ##### # #####, ##### # ##### # #####, # ## # #####
 ##### # ##### # ##### # #####. ## # ##### # ##### # ##### # ##### # #####
 ##### # ##### # ##### # #####. ##### # ##### # ##### # #####, ##### # 'default'.
 ##### # ##### # ##### # ##### "assign", ##### # ##### # ##### # ##### # #####
 ##### # ##### # ##### # ##### # #####.

## # #####	##	#####	## # #####	#####
name	string	##	default	## # #####

### #####	###	#####	## #####	#####
start	number	###	<i>1</i>	##### #####, # ##### #####
skip	number	###	<i>1</i>	##### ##### #####
direction	string	###	<i>up</i>	##### ##### (up/down)
print	boolean	###	<i>true</i>	##### ## ##### #####
assign	string	###	<i>n/a</i>	### ##### ##### ## ##### ##### #####

Example 8.4. {counter}

```
{* ##### *}  
{counter start=0 skip=2}<br />  
{counter}<br />  
{counter}<br />  
{counter}<br />
```

#####:

```
0<br />  
2<br />  
4<br />  
6<br />
```

{cycle}

{cycle} is used to cycle though a set of values. This makes it easy to alternate for example between two or more colors in a table, or cycle through an array of values.

```
{cycle} #####. # ## ##  
#####
```

### #####	###	#####	## #####	#####
name	string	###	<i>default</i>	#####

### #####	###	#####	## #####	#####
values	mixed	##	N/A	#####, ## ##### ##### ####.# ####, ##### ##### (#### ##### #####), #### ##### #####.
print	boolean	###	true	##### #####, ## #
advance	boolean	###	true	##### ### ## # ##### #####
delimiter	string	###	,	#####, ##### # ##### values.
assign	string	###	n/a	### #####, ##### ##### ###
reset	boolean	###	false	#### # ##### # ##### ##### # # #####

name. #####
#####.

print # false. #####
#####, ## #.

advance ##### true, ## #
{cycle} #####.

"assign", ## # {cycle} #####
#####.

Example 8.5. {cycle}

```
{section name=rows loop=$data}
<tr bgcolor="{cycle values="#e0e0e0,#d0d0d0"}">
  <td>{$data[rows]}</td>
</tr>
{/section}
```

```
<tr bgcolor="#e0e0e0">
  <td>1</td>
</tr>
<tr bgcolor="#d0d0d0">
  <td>2</td>
</tr>
<tr bgcolor="#e0e0e0">
  <td>3</td>
</tr>
```

{debug}

### #####	###	#####	## #####	#####
output	string	###	javascript	### ##### (html ### javascript)

```
{debug} ##### ##### #####. ### ##### ##### ## ##### ##### debug. ###
### ##### # ##### #####, ## ##### ##### #####
#####, ## # ##### #####. ## # ##### ## #####, ##### # #####
##### #####.
```

```
##. ##### #####.
```

{eval}

```
{eval} ##### ## #####, ## #####. ##### ## #####
#####, ## ##### #####/##### # ##### ## # #####.
```

```
#### ##### "assign", ## ##### ## eval #####, #####
#####.
```

### #####	###	#####	## #####	#####
var	mixed	##	n/a	##### (## #####) ## #####

### #####	###	#####	## #####	#####
assign	string	###	n/a	### #####, ##### #####

#####

#, ## # #. ## #
#.

#####

#, ##### #
#####! #, ##### #, ##### #
#.

Example 8.6. {eval}

```
#setup.conf
#-----
emphstart = <strong>
emphend = </strong>
title = Welcome to {$company}'s home page!
ErrorCity = You must supply a {#emphstart#}city{#emphend#}.
ErrorState = You must supply a {#emphstart#}state{#emphend#}.
```

#####:

```
{config_load file='setup.conf'}
{eval var=$foo}
{eval var=#title#}
{eval var=#ErrorCity#}
{eval var=#ErrorState# assign='state_error'}
{$state_error}
```

#####:

```
This is the contents of foo.
Welcome to Foobar Pub & Grill's home page!
You must supply a <strong>city</strong>.
You must supply a <strong>state</strong>.
```


Example 8.7. ##### {eval}

(#####) # IP-#####. ##### \$str ## ## #####
#.

```
// php script
$str = 'The server name is {$smarty.server.SERVER_NAME|upper} '
      .'at {$smarty.server.SERVER_ADDR}';
$smarty->assign('foo',$str);
```

#####:

```
{eval var=$foo}
```

{fetch}

fetch #####, http- ## ftp-#####. ##
"http://", ## -##### # #####. ## ##
"ftp://", ## ## ## ftp-##### # #####. ## ##
##, ## ## ## PHP-#####.

"assign", ## ## {fetch} #####
#####, #####.

#####	###	#####	##	#####
file	string	##	n/a	####, http ## ftp ## ## #####
assign	string	###	n/a	### ##, ## #####

#####

HTTP #####, ## ##
##

#####

\$security # ## ## ##
##, ## ## ##
#####.

Example 8.8. ##### {fetch}

```
{* ##### javascript # ##### *}
{fetch file='/export/httpd/www.example.com/docs/navbar.js'}

{* ##### ##### ##### # ##### # ##### #}
{fetch file='http://www.myweather.com/68502/'}

{* ##### # ftp ##### *}
{fetch file='ftp://user:password@ftp.example.com/path/to/currentheadlines.txt'}
{* ### # #####, ## # ##### *}
{fetch file="ftp://`$user`:`$password`@$server`/`$path`"}

{* ##### #}
{fetch file='http://www.myweather.com/68502/' assign='weather'}
{if $weather ne ''}
  <div id="weather">{$weather}</div>
{/if}
```

##. ##### {capture}, {eval}, {assign} # fetch().

{html_checkboxes}

{html_checkboxes} #####, ##### # HTML ##. #####. ##### #. ##### values # output #, ##### options. ##### XHTML.

### #####	###	#####	## #####	#####
name	string	###	checkbox	#####
values	array	##, #### ## ##### ##### options	n/a	#####
output	array	##, #### ## ##### ##### options	n/a	#####
selected	string/array	###	#####	##### #####(#####)
options	associative array	##, #### # ##### values # output	n/a	#####
separator	string	###	#####	#####

#####

### #####	###	#####	## #####	#####
labels	boolean	###	<i>true</i>	##### <label>-#### # #####
assign	string	###	#####	##### #### ##### # ##### ##### #####

#####, ##### ## ##### # #####, ##### # #### ## name/value # ##### #####
<input>.

Example 8.9. {html_checkboxes}

```
<?php
$smarty->assign('cust_ids', array(1000,1001,1002,1003));
$smarty->assign('cust_names', array(
    'Joe Schmoe',
    'Jack Smith',
    'Jane Johnson',
    'Charlie Brown')
);
$smarty->assign('customer_id', 1001);
?>
```

```
#####:
```

```
{html_checkboxes name="id" values=$cust_ids output=$cust_names
    selected=$customer_id separator="<br />"}
```

```
### PHP ###:
```

```
<?php
require('Smarty.class.php');
$smarty = new Smarty;
$smarty->assign('cust_checkboxes', array(
    1000 => 'Joe Schmoe',
    1001 => 'Jack Smith',
    1002 => 'Jane Johnson',
    1003 => 'Charlie Brown')
);
$smarty->assign('customer_id', 1001);
?>
```

```
#####:
```

```
{html_checkboxes name="id" options=$cust_checkboxes selected=$customer_id separator="<br />"}
```

```
### #####:
```

```
<label><input type="checkbox" name="id[]" value="1000" />Joe Schmoe</label><br />
<label><input type="checkbox" name="id[]" value="1001" checked="checked" />Jack Smith</label><br />
<label><input type="checkbox" name="id[]" value="1002" />Jane Johnson</label><br />
<label><input type="checkbox" name="id[]" value="1003" />Charlie Brown</label><br />
```

Example 8.10. ##### # ##### ##### (# #####, PEAR ### ADODB):

```
<?php

$sql = 'select type_id, types from types order by type';
$smarty->assign('types', $db->getAssoc($sql));

$sql = 'select * from contacts where contact_id=12';
$smarty->assign('contact', $db->getRow($sql));

?>
```

```
{html_checkboxes name="type" options=$types selected=$contact.type_id separator="<
```

```
##. ##### {html_radios} # {html_options}
```

{html_image}

```
{html_image} #####, ##### HTML-#### ##
#####. ##### # #####, #### ##
##### ##.
```

### #####	###	#####	## #####	#####
file	string	##	n/a	#####/#### # #####
height	string	###	##### #####	##### #####
width	string	###	##### #####	##### #####
basedir	string	###	##### #####	####, ## ##### ##### ##### ####
alt	string	###	""	##### ##### #####
href	string	###	n/a	##### href, #### ##### #####
path_prefix	string	###	n/a	##### #####

```
basedir - ##### ##. #####, ## #####  
##### (##### DOCUMENT_ROOT). #### $security #####, ## ## # #####  
##### ##.
```

link #####, ### #####. ##### link #####
href ### #. ### ##### link, ## ##### # <a>.

path_prefix-### #####, ##### ## ##### # #####
#####, ### ## ##### ##### ## ## #####.

#####, ##### ## ##### # #####, ##### # ### ## name/value # #####
<input>.

#####

{html_image} ##### # ##### ## ##### # #####
#####. ### ## ##### # #####, ## ## {html_image} #####
#####, # ##### # ##### ## #####
#####.

Example 8.11. ##### html_image

index.tpl:

```
-----  
{html_image file='pumpkin.jpg'}  
{html_image file='/path/from/docroot/pumpkin.jpg'}  
{html_image file='../path/relative/to/currrdir/pumpkin.jpg'}
```

#####:

```
  
  

```

{html_options}

{html_options} ##### HTML-#####
option ## #####. ##### ## #####. #####
values # output #####, ##### options.

### #####	###	#####	## #####	#####
values	#####	##, #### ## ##### ##### options	n/a	##### ##### #####
output	#####	##, #### ## ##### ##### options	n/a	##### ##### #####

### #####	###	#####	## #####	#####
selected	string/array	###	#####	##### #####(##)
options	##### #####	##, #### ## ##### values # output	n/a	##### ##### # #####
name	string	###	#####	##### ##### #####

- #####, ### ##### ## HTML-### <optgroup> # ##### #
#####. # ##### <optgroup> #####. #### ##### # XHTML.

name, ##### <select
name="groupname"></select>. # ##### <option>.

#####, ##### ## #####, ##### # #### name/value # #### <select>. ####
name ## #####, ### #####.

Example 8.12. {html_options}

#1:

```
<?php

$smarty->assign('cust_ids', array(1000,1001,1002,1003));
$smarty->assign('cust_names', array(
    'Joe Schmoe',
    'Jack Smith',
    'Jane Johnson',
    'Charlie Brown'));
$smarty->assign('customer_id', 1001);

?>
```

#####:

```
<select name="customer_id">
    {html_options values=$cust_ids output=$cust_names selected=$customer_id}
</select>
```

#2:

```
<?php

$smarty->assign('cust_options', array(
    1000 => 'Joe Schmoe',
    1001 => 'Jack Smith',
    1002 => 'Jane Johnson',
    1003 => 'Charlie Brown')
);
$smarty->assign('customer_id', 1001);

?>
```

#####:

```
{html_options name=customer_id options=$cust_options selected=$customer_id}
```

#####

```
<select name="customer_id">
    <option label="Joe Schmoe" value="1000">Joe Schmoe</option>
    <option label="Jack Smith" value="1001" selected="selected">Jack Smith</option>
    <option label="Jane Johnson" value="1002">Jane Johnson</option>
    <option label="Charlie Brown" value="1003">Charlie Brown</option>
</select>
```


Example 8.13. {html_options} - ##### # ##### ##### (# #####, PEAR ### ADODB):

```
<?php

$sql = 'select type_id, types from contact_types order by type';
$smarty->assign('contact_types', $db->getAssoc($sql));

$sql = 'select contact_id, name, email, contact_type_id
        from contacts where contact_id='.$contact_id;
$smarty->assign('contact', $db->getRow($sql));

?>

#####:

<select name="type_id">
    <option value='null'>-- none --</option>
    {html_options options=$contact_types selected=$contact.type_id}
</select>
```

##. ##### {html_checkboxes} # {html_radios}

{html_radios}

{html_radios} #####, ##### # HTML ## #####. ##### ## #####. ##### values # output #####, ## ## options. ## ## ## # ##### XHTML.

### #####	###	#####	## #####	#####
name	string	###	radio	##### #####
values	#####	##, #### ## ##### ##### options	n/a	##### #####
output	#####	##, #### ## ##### ##### options	n/a	##### #####
checked	string	###	#####	##### ##### #####

### #####	###	#####	## #####	#####
options	##### #####	##, #### ## ##### values # output	n/a	##### ##### # #####
separator	string	###	####	####, ##### #####
assign	string	###	####	##### radio # #####, ##### # #####

#####, ##### ## ##### # #####, ##### # #### ## name/value # #####
<input>.

Example 8.14. {html_radios} - ##### #1

```
<?php

$smarty->assign('cust_ids', array(1000,1001,1002,1003));
$smarty->assign('cust_names', array(
    'Joe Schmo',
    'Jack Smith',
    'Jane Johnson',
    'Charlie Brown')
);
$smarty->assign('customer_id', 1001);

?>

#####:

{html_radios name='id' values=$cust_ids output=$cust_names
    selected=$customer_id separator='<br />'}
```

Example 8.15. {html_radios} - ##### #2

```
<?php
$smarty->assign('cust_radios', array(
    1000 => 'Joe Schmoie',
    1001 => 'Jack Smith',
    1002 => 'Jane Johnson',
    1003 => 'Charlie Brown'));
$smarty->assign('customer_id', 1001);
?>
```

#####:

```
{html_radios name="id" options=$cust_radios selected=$customer_id separator="<br /
```

#####:

```
<label for="id_1000">
<input type="radio" name="id" value="1000" id="id_1000" />Joe Schmoie</label><br />
<label for="id_1001"><input type="radio" name="id" value="1001" id="id_1001" check
<label for="id_1002"><input type="radio" name="id" value="1002" id="id_1002" />Jan
<label for="id_1003"><input type="radio" name="id" value="1003" id="id_1003" />Cha
```

Example 8.16. {html_radios} - ##### # ##### ##### (# #####, PEAR ### ADODB):

```
<?php

$sql = 'select type_id, types from contact_types order by type';
$smarty->assign('contact_types',$db->getAssoc($sql));

$sql = 'select contact_id, name, email, contact_type_id '
      . 'from contacts where contact_id='.$contact_id;
$smarty->assign('contact',$db->getRow($sql));

?>
```

#####:

```
{html_radios name='contact_type_id' options=$contact_types
  selected=$contact.contact_type_id separator='<br />'}
```

##. ##### {html_checkboxes} # {html_options}

{html_select_date}

{html_select_date} #####, ##### #####
#####. ### #####, ##### # ##.

### #####	###	#####	## #####	#####
prefix	string	###	Date_	##### #####
time	timestamp/ ###-##-##	###	##### # ##### unix timestamp ### ###-##-##	##### #####
start_year	string	###	#####	##### # ##### #####. ##### ##### ##### (+/- N)
end_year	string	###	##### start_year	##### # ##### #####. ##### #####

### #####	###	#####	## #####	#####
				#### ##### ##### (+/- N)
display_days	boolean	###	true	##### ## #####
display_months	boolean	###	true	##### ## #####
display_years	boolean	###	true	##### ## #####
month_format	string	###	%B	##### ##### (strftime)
day_format	string	###	%02d	##### ##### (sprintf)
day_value_format	string	###	%d	##### ##### (sprintf)
year_as_text	boolean	###	false	##### ## ##### #####
reverse_years	boolean	###	false	##### # #####
field_array	string	###	null	##### ##### (name), ##### ##### ##### ##### # #### #####: name[Day], name[Year], name[Month].
day_size	string	###	null	##### ##### size #### select ### ####
month_size	string	###	null	##### ##### size #### select ### ####
year_size	string	###	null	##### ##### size #### select ### ####
all_extra	string	###	null	##### ##### ##### ## ## ##### select/input
day_extra	string	###	null	##### ##### #####

### #####	###	#####	## #####	#####
				select/input ### ####
month_extra	string	###	null	##### ##### ##### ##### select/input ### #####
year_extra	string	###	null	##### ##### ##### ##### select/input ### ##
field_order	string	###	MDY	##### ##### (###)
field_separator	string	###	\n	#####, #####
month_value_format	string	###	%m	##### ##### ##### (strftime). ## ##### - %m (#####). #####
year_empty	string	###	null	##### ##### ##### ##### ##### ##### # (") #####. ## ##### ##### ##### "#####", ##### # ##### ##### #####. ##### #####, ##### ##### ##### ##### ##### ##### ##### "-MM-DD" ## ##### time, ##### #####.
month_empty	string	No	null	##### ##### ##### ##### #####

### #####	###	#####	## #####	#####
				##### # ##### ("") #####. ##### #####, ## # ##### ##### ##### # "YYYY--DD" ## ##### time, ##### # ##### ##### # #####.
day_empty	string	No	null	##### # ##, ##### # ##### # ##### # # ##### # # ##### ("") #####. ##### #####, ## # ##### ##### ##### # "YYY-MM-" ## ##### time, ##### # ##### ##### # #####.

#####, ##### # ##### # #####, ##### # ##### ## name/value # ##### #####
 #### <select> ## #, ##### # #####.

Example 8.17. {html_select_date}

#####:

```
{html_select_date}
```

#####

```
<select name="Date_Month">
<option value="1">January</option>
<option value="2">February</option>
<option value="3">March</option>
..... snipped .....
<option value="10">October</option>
<option value="11">November</option>
<option value="12" selected="selected">December</option>
</select>
<select name="Date_Day">
<option value="1">01</option>
<option value="2">02</option>
<option value="3">03</option>
..... snipped .....
<option value="11">11</option>
<option value="12">12</option>
<option value="13" selected="selected">13</option>
<option value="14">14</option>
<option value="15">15</option>
..... snipped .....
<option value="29">29</option>
<option value="30">30</option>
<option value="31">31</option>
</select>
<select name="Date_Year">
<option value="2001" selected="selected">2001</option>
</select>
```


Example 8.18. {html_select_date}

```
{* ##### # ##### # ##### # ##### # ##### # ##### # ##### *}
{html_select_date prefix="StartDate" time=$time start_year="-5"
  end_year="+1" display_days=false}
```

#: (##### - 2000)

```
<select name="StartDateMonth">
<option value="1">January</option>
<option value="2">February</option>
<option value="3">March</option>
<option value="4">April</option>
<option value="5">May</option>
<option value="6">June</option>
<option value="7">July</option>
<option value="8">August</option>
<option value="9">September</option>
<option value="10">October</option>
<option value="11">November</option>
<option value="12" selected="selected">December</option>
</select>
<select name="StartDateYear">
<option value="1995">1995</option>
<option value="1996">1996</option>
<option value="1997">1997</option>
<option value="1998">1998</option>
<option value="1999">1999</option>
<option value="2000" selected="selected">2000</option>
<option value="2001">2001</option>
</select>
```

##. ##### {html_select_time}, date_format, \$smarty.now # ##### #.

{html_select_time}

{html_select_time} #####, ##### # ##
#####. ## # ##### # ## #, #, # #.

###	###	#####	##	#####
prefix	string	###	Time_	##### # ## # ## #####
time	timestamp	###	##### #	##### # ##/#### #####

### #####	###	#####	## #####	#####
display_hours	boolean	###	true	##### ## #####
display_minutes	boolean	###	true	##### ## #####
display_seconds	boolean	###	true	##### ## #####
display_meridian	boolean	###	true	##### ## ##### (am/pm)
use_24_hours	boolean	###	true	##### ## 24-##### #####
minute_interval	integer	###	1	##### ##### ##### ##### #####
second_interval	integer	###	1	##### ##### ##### ##### #####
field_array	string	###	n/a	##### ##### ##### # #####
all_extra	string	###	null	##### ##### ##### # ##### select/input
hour_extra	string	###	null	##### ##### ##### # ##### select #####
minute_extra	string	###	null	##### ##### ##### # ##### select #####
second_extra	string	###	null	##### ##### ##### # ##### select #####
meridian_extra	string	###	null	##### ##### ##### # ##### select #####

time ##### ##### #####. ## ##### ##### ##### (Unix timestamp), ##### ##### YYYYMMDDHHMMSS ### ##### #####, ##### #####
PHP strtotime() [<http://php.net/strtotime>].

```

<option value="07">07</option>
<option value="08">08</option>
<option value="09">09</option>
<option value="10">10</option>#####
<option value="11">11</option>
<option value="12">12</option>
<option value="13">13</option>
<option value="14">14</option>
<option value="15">15</option>
<option value="16">16</option>
<option value="17">17</option>
<option value="18">18</option>
<option value="19">19</option>
<option value="20">20</option>
<option value="21">21</option>
<option value="22">22</option>
<option value="23" selected>23</option>
<option value="24">24</option>
<option value="25">25</option>
<option value="26">26</option>
<option value="27">27</option>
<option value="28">28</option>
<option value="29">29</option>
<option value="30">30</option>
<option value="31">31</option>
<option value="32">32</option>
<option value="33">33</option>
<option value="34">34</option>
<option value="35">35</option>
<option value="36">36</option>
<option value="37">37</option>
<option value="38">38</option>
<option value="39">39</option>
<option value="40">40</option>
<option value="41">41</option>
<option value="42">42</option>
<option value="43">43</option>
<option value="44">44</option>
<option value="45">45</option>
<option value="46">46</option>
<option value="47">47</option>
<option value="48">48</option>
<option value="49">49</option>
<option value="50">50</option>
<option value="51">51</option>
<option value="52">52</option>
<option value="53">53</option>
<option value="54">54</option>
<option value="55">55</option>
<option value="56">56</option>
<option value="57">57</option>
<option value="58">58</option>
<option value="59">59</option>
</select>
<select name="Time_Meridian">
<option value="am" selected>AM</option>
<option value="pm">PM</option>
</select>

```

##. ##### \$smarty.now, {html_select_date} # ##### ##### ##.

{html_table}

{html_table} ##### #, ##### # HTML-### table. ##### cols #, ##### # table_attr, tr_attr # td_attr ##### - ##### table, tr # td. ##### tr_attr # td_attr #, # trailpad - #, #

#####	###	#####	## #####	#####
loop	array	##	n/a	##### # #####
cols	mixed	###	3	##### # #####. ### ### ##### ## #####, ## ##### ##### rows, ## ##### ##### ##### ##### ## ##### # # ##### ##### ## #####, ##### ## ##### ## #####. ### ### ##### (# rows, # cols) #, ## cols ##### ##### ## #####, ##### 3. ### ##### ##### ### #, ## ###- ## # ##### ## #####.
rows	integer	###	empty	##### # # #####. ### ### ##### ## #####, ## ##### ##### cols, ## ##### #

### #####	###	#####	## #####	#####
				##### ##### ##### ## ##### # ##### ##### ### #####, ##### ## ## ##### ## #####.
inner	string	###	cols	##### ##### ##### ##### ## #####. cols ##### ##### ##### ## #####. rows ##### ##### ##### ## #####.
caption	string	###	#####	#####, ##### # ##### ##### #####.
table_attr	string	###	border="1"	##### ## ## table
th_attr	string	###	#####	##### ## ##### th (##### ##### ##### #####)
tr_attr	string	###	#####	##### ## ##### tr (##### ##### ##### #####)
td_attr	string	###	#####	##### ## ##### td (##### ##### ##### #####)
trailpad	string	###	 	##### ## #####

### #####	###	#####	## #####	#####
				##### ##### (#####)
hdir	string	###	<i>right</i>	##### ##### #####. ##### #####: <i>right</i> (#####-#####) # <i>left</i> (#####- #####)
vdir	string	###	<i>down</i>	##### ##### #####. ##### #####: <i>down</i> (#####-#####) # <i>up</i> (#####-#####)

Example 8.20. {html_table}

```
<?php

$smarty->assign('data',array(1,2,3,4,5,6,7,8,9));
$smarty->assign('tr',array('bgcolor="#eeeeee"', 'bgcolor="#dddddd"'));
$smarty->display('index.tpl');

?>
```

```
#####:
```

```
{html_table loop=$data}
{html_table loop=$data cols=4 table_attr='border="0"'}
{html_table loop=$data cols="first,second,third,fourth" tr_attr=$tr}
```

```
##### #####:
#####
```

```
<table border="1">
<tbody>
<tr><td>1</td><td>2</td><td>3</td></tr>
<tr><td>4</td><td>5</td><td>6</td></tr>
<tr><td>7</td><td>8</td><td>9</td></tr>
</tbody>
</table>
<table border="0">
<tbody>
<tr><td>1</td><td>2</td><td>3</td><td>4</td></tr>
<tr><td>5</td><td>6</td><td>7</td><td>8</td></tr>
<tr><td>9</td><td>&nbsp;</td><td>&nbsp;</td><td>&nbsp;</td></tr>
</tbody>
</table>
<table border="1">
<thead>
<tr>
<th>first</th><th>second</th><th>third</th><th>fourth</th>
</tr>
</thead>
<tbody>
<tr bgcolor="#eeeeee"><td>1</td><td>2</td><td>3</td><td>4</td></tr>
<tr bgcolor="#dddddd"><td>5</td><td>6</td><td>7</td><td>8</td></tr>
<tr bgcolor="#eeeeee"><td>9</td><td>&nbsp;</td><td>&nbsp;</td><td>&nbsp;</td></tr>
</tbody>
</table>
```

{mailto}

```
{mailto} ##### "mailto:" # ##### ##. ##### e-
mail'## ## ##### ## ##### #####. #####
# ##### ## #####.
```

### #####	###	#####	## #####	#####
address	string	##	n/a	##### e-mail
text	string	###	n/a	#####. ## #####: ##### e-mail
encode	string	###	none	##### ##### e- mail. ##### none, hex, javascript ## javascript_charcode.
cc	string	###	n/a	##### e-mail ## #####. ##### ##### #####.
bcc	string	###	n/a	##### e-mail ## "#####" #####. ##### ##### #####.
subject	string	###	n/a	#### #####.
newsgroups	string	###	n/a	# ##### ##### #####. ##### #####.
followupto	string	###	n/a	##### ## ##### #####. ##### ##### #####.
extra	string	###	n/a	##### #####, ##### # ##### ##### ## ##### (style)

#####

```
javascript - ##### ##### ##### ##### ##### #####, ##### ## ## ## #####  
##### ##### #####. # #####, javascript ## #####  
##### #####.
```

Example 8.21. ##### {mailto} # #####

```
{mailto address="me@example.com"}  
<a href="mailto:me@example.com" >me@example.com</a>  
  
{mailto address="me@example.com" text="send me some mail"}  
<a href="mailto:me@example.com" >send me some mail</a>  
  
{mailto address="me@example.com" encode="javascript"}  
<script type="text/javascript" language="javascript">  
  eval(unescape('%64%6f% ... snipped ...%61%3e%27%29%3b'))  
</script>  
  
{mailto address="me@example.com" encode="hex"}  
<a href="mailto:%6d%65.. snipped..3%6f%6d">&#x6d;&#x6d;&#x6f;&#x6d;</a>  
  
{mailto address="me@example.com" subject="Hello to you!"}  
<a href="mailto:me@example.com?subject=Hello%20to%20you%21" >me@example.com</a>  
  
{mailto address="me@example.com" cc="you@example.com,they@example.com"}  
<a href="mailto:me@example.com?cc=you@example.com%2cthey@example.com" >me@example.  
  
{mailto address="me@example.com" extra='class="email"'}  
<a href="mailto:me@example.com" class="email">me@example.com</a>  
  
{mailto address="me@example.com" encode="javascript_charcode"}  
<script type="text/javascript" language="javascript">  
<!--  
{document.write(String.fromCharCode(60,97, ... snipped ....60,47,97,62))}  
/-->  
</script>
```

##. ##### escape, ##### E-mail ##### # {textformat}

{math}

```
{math} ##### ##### ##### ##### ##### ##### # #####. #####  
##### ##### ##### ##### ##### ##### # #####, # ##### #####  
## ##### #####. #####, ##### # #####, ##### # #####  
##### ##### ##### ##### ##### # #####. +, -, /, *, abs, ceil, cos,  
exp, floor, log, log10, max, min, pi, pow, rand, round, sin, sqrt, srans # tan #####  
##### # ##### PHP ## ##### ##### # ##  
#####.
```

"assign", ##### {math} #####
#####.

### #####	###	#####	## #####	#####
equation	string	##	n/a	##### #####
format	string	###	n/a	##### ##### (sprintf)
var	numeric	##	n/a	##### ##### #####
assign	string	###	n/a	### ##### ##### ##### #####
[var ...]	numeric	##	n/a	##### ##### #####

#####

{math} - ### ##### #-## ##### PHP eval()
[http://php.net/eval]. ##### # PHP #####,
PHP ## ##### # #####
#. ### #####, #####
{math}, ##### {section}.

Example 8.22. {math}

#1:

```
{* $height=4, $width=5 *}
{math equation="x + y" x=$height y=$width}
```

#####

9

#2:

```
{* $row_height = 10, $row_width = 20, #col_div# = 2, assigned in template *}
{math equation="height * width / division"
height=$row_height
width=$row_width
division=#col_div#}
```

#####

100

#3:

```
{* ## ##### ##### * }
{math equation="(( x + y ) / z )" x=2 y=10 z=2}
```

#####

6

#4:

```
{* ## ##### ##### sprintf # ##### format *}
{math equation="x + y" x=4.4444 y=5.0000 format="%.2f"}
```

#####

9.44

{popup}

{popup} #####
javascript. #####
#####, ##### {popup_init}.

#####	###	#####	## #####	#####
text	string	##	n/a	#####/html ### ##### # #####
trigger	string	###	onMouseOver	##### ##### ##### ##### #####. ##### onMouseOver ### onClick.
sticky	boolean	###	false	##### ##### #####
caption	string	###	n/a	##### #####
fgcolor	string	###	n/a	##### ##### #####
bgcolor	string	###	n/a	##### ##### #####
textcolor	string	###	n/a	##### ##### ##### #####
capcolor	string	###	n/a	##### ##### ##### #####
closecolor	string	###	n/a	##### ##### "#####"
textfont	string	###	n/a	##### ##### #####
captionfont	string	###	n/a	##### ##### #####
closefont	string	###	n/a	##### ##### "#####"

### #####	###	#####	## #####	#####
textsize	string	###	n/a	##### ##### #####
captionsize	string	###	n/a	##### #####
closesize	string	###	n/a	##### ##### "#####"
width	integer	###	n/a	##### ##### #####
height	integer	###	n/a	##### ##### #####
left	boolean	###	false	##### ##### ##### ## #####
right	boolean	###	false	##### ##### ##### #####
center	boolean	###	false	##### ##### ##### #####
above	boolean	###	false	##### ##### ##### #####. #####: ##### ##### height.
below	boolean	###	false	##### ##### ##### ## #####
border	integer	###	n/a	##### ##### ##### #####

### #####	###	#####	## #####	#####
offsetx	integer	###	n/a	### ##### ## ##### ##### ##### ###, ## #####
offsety	integer	No	n/a	### ##### ## ##### ##### ##### ###, ## #####
fgbackground	url # #####	###	n/a	##### #####, ##### ##### ##### ### ##### ##### #####.
bgbackground	url # #####	No	n/a	##### #####, ##### ##### ##### ##### ##### #####: ### ##### ##### bgcolor # "", ##### #####: ##### ##### "#####", Netscape ##### #####, ## ##### #####
closetext	string	###	n/a	##### ##### "#####"
noclose	boolean	###	n/a	## ##### ##### ##### #####
status	string	###	n/a	##### ##### #####

### #####	###	#####	## #####	#####
autostatus	boolean	###	n/a	##### ##### ##### #### # ##### ##### #####: ##### ##### status
autostatuscap	string	###	n/a	##### ##### ##### #### # ##### #####. NOTE: ##### ##### status # autostatus
inarray	integer	###	n/a	##### overLib ##### ## ##### # ##### ol_text, ##### # overlib.js. #### ##### #### ##### ##### text
caparray	integer	###	n/a	##### overLib # ##### ##### ## ##### # ##### ol_caps
capicon	url	###	n/a	##### ##### ##### ##### ####
snapx	integer	###	n/a	##### ##### # ##### N- ### ##### ## #####
snapy	integer	###	n/a	##### ##### # ##### N- ### ##### ## #####
fixx	integer	###	n/a	##### #####

### #####	###	#####	## #####	#####
				##### ##### ####. #####: ##### ### ##### #####
fixy	integer	###	n/a	##### ##### ##### ##### ####. #####: ##### ### ##### #####
background	url	###	n/a	##### ##### ##### ##### #####
padx	integer,integer	###	n/a	##### ##### ##### ##### ##### #####. #####: ### #####
pady	integer,integer	###	n/a	##### ##### ##### ##### #####. #####: ### #####
fullhtml	boolean	###	n/a	#### ##### ##### ##### html ##### #####. #####. HTML-### ##### # ##### "text"
frame	string	###	n/a	##### ##### # ##### ##. ##### ##### overl

### #####	###	#####	## #####	#####
				### ##### ##### ## #### #####
function	string	###	<i>n/a</i>	##### ##### ##### javascript # ##### ##### ##### ## ##### ####
delay	integer	###	<i>n/a</i>	##### ##### #### ##### ## ##### #####. ## ##### ##### ##### ##### ##### # #####.
hauto	boolean	###	<i>n/a</i>	##### #####, ##### ## ##### ##### #### ##### ## ## #####.
vauto	boolean	###	<i>n/a</i>	##### #####, ##### ## ##### ##### #### ##### ## #####.

### #####	###	#####	## #####	#####
wrap_char	string	###	\n	##### (### ##### #####), ### ##### ##### ##### #####
wrap_cut	boolean	###	false	#### true, ##### ##### ##### ## #####, # ## ##### ## #####
assign	string	###	n/a	##### ##### ##### ##### #####

```
{textformat wrap=40}
```

```
This is foo.
This is foo. #####
This is foo.
This is foo.
```

Example 8.25. {textformat}

```

This is foo.

This is foo. This is foo. This is foo.
This is bar.
This is foo. This is foo. This is foo.

bar foo bar foo    foo.
This is bar.foo    foo.
{textformat wrap=40 indent=4}
bar foo bar foo    foo.
#####
bar foo bar foo    foo. bar foo
bar foo bar foo    foo. bar foo bar
bar foo bar foo    foo. bar foo
bar foo bar foo    foo. bar foo
bar foo bar foo    foo. bar foo
bar foo bar foo    foo.
This is foo.
{/textformat}
This is foo.

This is foo. This is foo. This is
foo. This is foo. This is foo. This
is foo bar foo    foo.
bar foo bar foo    foo.
This is bar.foo    foo.
#####
{textformat wrap=40 indent=4 indent=first=4}
bar foo bar foo    foo.
foo bar foo bar foo foo. bar foo
This is bar.foo    foo.
bar foo bar foo    foo.
bar foo bar foo    foo. bar foo
This is foo.
{/textformat}
This is foo.

This is foo.
This is foo. This is foo. This
is foo. This is foo. This is foo.
This is bar.
This is foo.

bar foo bar foo    foo.
This is bar.foo    foo.
bar foo bar.foo    foo.
#####
{textformat style="email"}
bar foo bar foo    foo. foo bar
foo foo bar foo bar foo foo. bar
This is bar.foo    foo. bar foo bar foo
bar foo bar.foo    foo. bar foo
bar foo bar.foo    foo. bar foo
bar foo bar.foo    foo.
This is foo.
{/textformat}
This is foo.

This is foo. This is foo. This is foo. This is foo. This is
foo.

bar foo bar foo    foo.
This is bar.foo    foo.
bar foo bar.foo    foo.
bar foo bar.foo    foo.
#####
bar foo bar.foo    foo. bar foo bar foo foo. bar foo
bar foo bar.foo    foo. bar foo bar foo foo. bar foo bar foo
foo
bar.foo bar foo    foo.
bar foo bar.foo    foo.

{/textformat}

```

##. ##### {strip} # {wordwrap}.

Chapter 9.

```
# #####  
#####  
#####. #####, ##### # #####. #####, #### # ##### #####  
##### #####. #####  
#####  
### ##### ##### # ##### # ##### # ##### # ##### # ##### # ##### # #####  
#####
```

Example 9.1.

```
# #####  
pageTitle = "Main Menu"  
bodyBgColor = #000000  
tableBgColor = #000000  
rowBgColor = #00ff00
```

```
[Customer]  
pageTitle = "Customer Info"
```

```
[Login]  
pageTitle = "Login"  
focus = "username"  
Intro = ""#####, ##### #####  
#####  
# #####. ""
```

```
# #####  
[.Database]  
host=my.example.com  
db=ADDRESSBOOK  
user=php-user  
pass=foobar
```

```
##### # ##### # #####, ## ##  
## #####. ##### ###### ######, ## # #####. #### # ##  
### #####, ##### ###### ######, ## ## ######, ##### #### #  
##### ###### (""). ##### ###### # ##### ###### ######  
#####, ##### # ###### ###### ###### ######. ## ## ##  
##### ###### # (hash) # #####
```

```
##### # ##### # ##### ######. ##### ###### ######  
##### []. ##### ###### ###### ######, ## ###### ###### [  
## ]. ##### ###### ###### - ###### ###### ## ######. ##  
##### ###### ###### ######. ##### ###### ######  
## ###### ###### ###### ###### ######. ##### ######  
##### ######, ## # ##### ######, ## ###### ###### ######. ## ##  
## ###### ###### # ##### ######, ## ###### ###### ######  
#####, ## ###### ###### $config_overwrite ## ######
```

```
##### ###### # ##### ######  
{config_load} ## API-##### config_load().
```

```
#####  
##### [hidden]. #####  
#####  
#####  
#####
```

```
##. ##### {config_load}, $config_overwrite, get_config_vars(),  
clear_config() # config_load()
```

Part III. Smarty ###

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##### ## #####	220
##### ### ##### ## #####	222
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##### ## #####	223
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#####	224
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#####	228
#####	229
#####/#####	230
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#####	233

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Chapter 11.

SMARTY_DIR

```
### ##### ##### ##### ##### # ##### ##### Smarty. ### ##### ##  
#####, Smarty ##### ##### ##### ##### #####. ### #####  
#####, ### # ##### ##### #####.
```

Example 11.1. SMARTY_DIR

```
<?php  
// ##### # ##### # ##### # # *nix  
define('SMARTY_DIR', '/usr/local/lib/php/Smarty/libs/');  
  
// # # # # # # # # # # # # windows  
define('SMARTY_DIR', 'c:/webroot/libs/Smarty/libs/');  
  
// ##### # # # # # # # # # # # # # # # # # 'S'  
require_once(SMARTY_DIR . 'Smarty.class.php');  
?>
```

```
##. ##### $smarty.const # ##### $php_handling
```

SMARTY_CORE_DIR

```
### ##### # # # # # # # # # # # # # # # # (core) Smarty. ### # # # # # # # # # # # # # # # # #  
##### # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #  
##### # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #  
##### # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
```

Example 11.2. SMARTY_CORE_DIR

```
<?php  
// ##### # # # # # # # # # # # # # # # # # core.get_microtime.php  
require_once(SMARTY_CORE_DIR . 'core.get_microtime.php');  
  
?>
```

```
##. ##### $smarty.const
```



```
##### Smarty #####  
#####, # #####
```

```
#####
```

```
##### plugins_dir #####  
include_path. ##### SMARTY_DIR #####  
#####
```

\$debugging

```
##### debugging console - ##### javascript #####, #####  
##### # #####
```

\$debug_tpl

```
##### (debugging console). ## #####  
debug.tpl, ##### SMARTY_DIR.
```

\$debugging_ctrl

```
##### NONE #####  
##### URL, #####  
##### # QUERY_STRING #####  
##### SMARTY_DEBUG. ##### $debugging #####  
# true.
```

\$autoload_filters

```
#####  
## Smarty #####  
#####  
##### - #####
```

```
<?php  
$smarty->autoload_filters = array('pre' => array('trim', 'stamp'),  
                                'output' => array('convert'));  
?>
```

\$compile_check

```
##### Smarty #####, #####  
#####  
##### # true. # #####  
##### (#####), #####  
##### $compile_check
```



```
#### ##### # "false" ## ##### ##### #####. #####, ## ##  
## ##### ##### ##### "false", # ##### ##### #####, ## *** #####  
##### # ##### ##### ## ## ##, ##### ## ##### #####. ### caching #  
compile_check #####, ##### ##### ##### ##### ##### # ##  
##### ## ##### #####. ##. $force_compile ## clear_compiled_tpl.
```

\$force_compile

```
##### Smarty (####)##### ##### ## ##### #####. ##### #####  
##### $compile_check # ## ##### ## #####. ##### #####  
##### # ##### ##### # #####, ##### ##### ## ##### ## # #####  
##### #####: ## ## #####, ##(##) ## ## ## ##  
#####.
```

\$caching

```
##### Smarty, ##### ## ## ##### #####. ## ##### #####  
##### # 0, #.#. ## #####. ##### ##### ##### ##### ##,  
##### ##### - ## ##### ##### # #####.  
## ##### ##### ##### ##### ## #####. ##### 1 ## 2 #####  
#####. ## ##### ##### 1, ## ##### ##### ## ## #####  
##### ##### $cache_lifetime. ##### 2 ##### Smarty #####  
cache_lifetime ## ##### ##### ##. # ## ## ##  
cache_lifetime ##### ##### ## #####  
## ##### ##### ##### ##. ##. ##### is_cached.
```

```
#### ##### $compile_check #####, ## ##### # #####, ##### ##  
##### ## #####, ##### ##### ##, ## #####. ##  
##### $force_compile, ## ##### ## ##.
```

\$cache_dir

```
## #####, # ##### ##### ## #####. ## ##### # "/cache". ##  
#####, ## ##### # ##### ##### # ## ##, # #####  
##### ##. ## ##### ##### #####-##### ##  
##### ##, ##### ##### ##.
```

```
#####
```

```
## ##### ##### ##### ##### #####, ## #  
##### ##. ## ##### include_path ## #####.
```

```
#####
```

```
## ##### ##### ##### ##### ##### ##-  
#####.
```

\$cache_lifetime

```
##### ##### # #####, # ##### ##### ## ##### #####.  
## ##### ##### ## ##### #####. ##### $caching ##### ##
```

```
##### # "true" ## ##### $cache_lifetime. ##### -1 #####  
##### #####. ##### 0 #####  
(##### ##, ## #####  
##### $caching = false.)
```

```
#### $force_compile #####, ##### ## #####, #####  
##### ##. ## ##### ## ## ##, #####  
clear_all_cache(), ## # ##### # ##### (#####) #### - ## #####  
clear_cache().
```

#####

```
#### ## ##### ##### ##### ##### ## ##, ##  
##### ## ## ##### $caching = 2, ##### $cache_lifetime #  
##### ##### display() ## fetch().
```

\$cache_handler_func

```
## ##### ##### ##### ## ##### ## ## ##  
##### ##, ##### $cache_dir. ## ##### #  
#####.
```

\$cache_modified_check

```
#### ##### # true, Smarty ##### If-Modified-Since #####, #####  
#####. #### ##### ##### ## ##### # #####  
#####, ## ##### ## ##### "304 Not Modified". ## ##  
##### # ##, ## ##### ## ##### insert.
```

\$config_overwrite

```
#### ##### # true, #####, ##### ## #####, #####  
## #####. # ## ##, ##### # #####. ## ##, ## ##  
##### ## ## ## - ##### ## ## ##  
## ##### true.
```

\$config_booleanize

```
#### ##### # true, ##### ##### ##### on/true/yes # off/false/no  
##### # ##### #####. # ## ##  
# ##### ##, ##### #: {if #foobar#} ... {/if}. #### foobar ##### on, true ## yes,  
##### ## ## {if}. ## ## true.
```

\$config_read_hidden

```
#### ##### # true, ##### (##### ##, ##### # #####) #  
##### ## ## ##### ## #####. ## ##, #####  
##### ## ## # false: # ## ## ## ##  
(#####, ##### # ##) # #####, ## ##,  
## ## ## ##. ## ## false.
```

\$config_fix_newlines

```
#### ##### # true, ##### # ##### mac # dos (\r # \r\n) # #####  
##### # \n ## #####. ## ##### true.
```

\$default_template_handler_func

```
#####, ##### # #####, ##### ## ## ##### ## #####
```

\$php_handling

```
#### ##### Smarty, ## ##### # PHP-####, ##### # #####. #####  
##### # SMARTY_PHP_PASSTHRU.  
##### # PHP-## # {php}/{/php} # #####.
```

- SMARTY_PHP_PASSTHRU - Smarty ##### ## #####.
- SMARTY_PHP_QUOTE - Smarty ##### # HTML-#####.
- SMARTY_PHP_REMOVE - Smarty ##### ## #####.
- SMARTY_PHP_ALLOW - Smarty ##### # PHP-##.

Note

```
##### PHP-## # ##### # #####. #####, #####  
#####
```

\$security

```
$security true/false, ## ##### false. ##### (security) ##### # #####, #####  
##### # (#####, ##### ftp) # ##  
##### # ##### # ##### # ##### # #####. #####  
##### # ##### # ##### # ##### # ##### # ## # #####  
##### $security_settings:
```

- #### \$php_handling ##### # SMARTY_PHP_ALLOW, ## ##### ## ##
SMARTY_PHP_PASSTHRU
- PHP-##### # ##### IF, ##### # \$security_settings
- ##### # \$secure_dir
- ##### # {fetch} ##### # \$secure_dir
- #### {php}/{/php} #####
- PHP-##### # ##### # \$security_settings

\$secure_dir

```
### ##### ##### #####, #####. {include} # {fetch}
##### ##### ##### #####.
```

\$security_settings

```
### ##### ## ##### ##### ##### #####
(security) #####. #####:
```

- PHP_HANDLING - true/false. ##### # true, ##### \$php_handling ## #####


```
## #####.
```
- IF_FUNCS - ##### PHP-#####, ##### # ##### IF.
- INCLUDE_ANY - true/false. ##### # true, ##### ##### ##


```
##### ## ##### $secure_dir.
```
- PHP_TAGS - true/false. ##### # true, ##### {php}/{php} ##### # #####


```
# #####.
```
- MODIFIER_FUNCS - ##### PHP-#####, ##### # #####


```
#####.
```
- ALLOW_CONSTANTS - true/false. ##### # true, #####


```
##### {Smarty.const.name}. ## ##### "false" ## #####.
```

\$trusted_dir

```
$trusted_dir ##### $security. ## #####
#####, #####. ##### - ## ##
## ##### php-#####, ##### # #####
{include_php}.
```

\$left_delimiter

```
##### # #####. ## ##### "{".
```

```
##. ##### $right_delimiter.
```

\$right_delimiter

```
##### # #####. ## ##### "}".
```

```
##. ##### $left_delimiter.
```

\$compiler_class

```
##### ##### Smarty #####
## ##### 'Smarty_Compiler'. #####
```

\$request_vars_order

```
#####, # ##### ##### ##### ##### #####, ##### variables_order ##
php.ini
```

\$request_use_auto_globals

```
##### ##### ## Smarty ##### $HTTP_*_VARS[] ($request_use_auto_globals=false
- ##### ## #####) ## $_*[] ($request_use_auto_globals=true). ## ##### ## #####
#####, ##### ##### {$smarty.request.*}, {$smarty.get.*} # #.#. #####: ##### ##
##### $request_use_auto_globals # true, variable.request.vars.order ## #####, # #####
##### ##### gpc_order ## ##### php.
```

\$error_reporting

```
#### ## ##### ##### #####, ## ## ##### # ##### #####
error_reporting ##### display() # fetch(). ## ##### ##### ##### ## #####
##### # ##### ##### ##### ## #####.
```

\$compile_id

```
##### #####. ## ##### ##### # ## ##
compile_id ## ##### #####, ## ##### ##### #####,
# # ## ## ##### ##### ##### ## #####.
```

```
# ##### compile_id ## ##### #####, #-## ##### ## ## ##### #####
#### compile_dir ## ##### template_dir. #### ## ##### compile_id ## #####
template_dir, Smarty ##### ##### ##### ## ## compile_id.
```

```
# #####, #### # ## #####, ##### (#####, #####
##### ## ##### ##) ## #####, ## ## #####
#### # ##### compile_id # ## ##### ##### ## #####
##### # #####.
```

```
##### / ##### vhost'##, # #####:
```

Example 12.1. compile_id

```
$smarty->compile_id = $_SERVER['SERVER_NAME'];
$smarty->compile_dir = 'path/to/shared_compile_dir';
```

\$use_sub_dirs

```
##### ## # false #### ## PHP ## ##### ## #####
Smarty. #####, ## ## #####, ##, #####.
```

#####

```
##### # ##### Smarty 2.6.2, ##### ## ##### use_sub_dirs #####  
false.
```

\$default_modifiers

```
##### #####, ##### ## #####. #####,  
### HTML-##### ## #####, #####  
array('escape:htmlall'); ## ##### ## #####-#####  
##### "smarty" ## "nodefaults", ##### {${var|  
smarty:nodefaults}.
```

\$default_resource_type

```
### ##### Smarty, ##### ## #####. #####  
##### ## ##### 'file', ## ## $smarty->display('index.tpl'); # $smarty-  
>display('file:index.tpl'); ##### ## #####  
#####.
```

Chapter 13. ##### Smarty

Name

assign() — #####

#####

```

void assign(mixed var);

void assign(string varname,
             mixed var);

## ##### / #####, #####, #####
##### / #####.

```

Example 13.3. assign()

```

<?php
// ##### / #####
$smarty->assign('Name', 'Fred');
$smarty->assign('Address', $address);

// #####
$smarty->assign(array('city' => 'Lincoln', 'state' => 'Nebraska'));

// ##### ## ##### (#####. ADODB)
$sql = 'select id, name, email from contacts where contact = '.$sid;
$smarty->assign('contact', $db->getRow($sql));
?>

```

#####

```

{* ##### # #####, ## # # PHP *}
{$Name}
{$Address}
{$city}
{$state}

{$contact.id}, {$contact.name}, {$contact.email}

### ##### #. {foreach} # {section}

##. ##### assign_by_ref(), get_template_vars(), clear_assign(), append() # {assign}

```

Name

assign_by_ref() — #####

#####

```
void assign_by_ref(string varname,
                  mixed var);
```

```
#####
##### PHP #####
```

#####

```
#####
#####
##### assign_by_ref() #####
#####
PHP #####
```

Example 13.4. assign_by_ref()

```
<?php
// ##### / #####
$smarty->assign_by_ref('Name', $myname);
$smarty->assign_by_ref('Address', $address);
?>
```

```
##. ##### assign(), clear_all_assign(), append() # {assign}
```

Name

clear_all_assign() — #####

#####

```
void clear_all_assign();
```

Example 13.5. clear_all_assign()

```

<?php
// ##### / #####
$smarty->assign('Name', 'Fred');
$smarty->assign('Address', $address);

// #####
print_r($smarty->get_template_vars());

// #####
$smarty->clear_all_assign();

// ##
print_r($smarty->get_template_vars());

?>

```

##. ##### clear_assign(), clear_config(), assign() # append()

Name

clear_all_cache() — #####

#####

```
void clear_all_cache(int expire_time);
```

```
# #####, ## #####  
#####, #####
```

Example 13.6. clear_all_cache

```
<?php  
// #####  
$smarty->clear_all_cache();  
?>
```

```
##. ##### clear_cache(), is_cached() # #####
```

Name

clear_assign() — #####

#####

```
void clear_assign(mixed var);  
#####, ##### # #####.
```

Example 13.7. clear_assign()

```
<?php  
// #####  
$smarty->clear_assign('Name');  
  
// #####  
$smarty->clear_assign(array('Name', 'Address', 'Zip'));  
?>
```

##. ##### clear_all_assign(), clear_config(), get_template_vars(), assign() # append()

Name

clear_cache() — #####

#####

```
void clear_cache(string template,
                 string cache_id,
                 string compile_id,
                 int expire_time);
```

```
#####
###,##### cache_id#####.####,##### $compile_id
######.##"#####",#####
#####.##.#####
##########.#####
###############
#####,#####
```

Example 13.8. clear_cache()

```
<?php
// #####
$smarty->clear_cache('index.tpl');

// #####
$smarty->clear_cache('index.tpl', 'CACHEID');
?>

##.##### clear_all_cache() # #####.
```

Name

clear_compiled_tpl() — #####

#####

```
void clear_compiled_tpl(string tpl_file,  
                        string compile_id,  
                        int exp_time);
```

```
#####  
##### $compile_id, #####  
##### $compile_id, #####  
exp_time, #####  
#####  
#####  
#####  
#####
```

Example 13.9. clear_compiled_tpl()

```
<?php  
// #####  
$smarty->clear_compiled_tpl("index.tpl");  
  
// #####  
$smarty->clear_compiled_tpl();  
?>
```


Name

clear_config() — #####

#####

```
void clear_config(string var);
```

```
#####. #####, #####  
#####.
```

Example 13.10. clear_config()

```
<?php  
// #####  
$smarty->clear_config();  
  
// #####  
$smarty->clear_config('foobar');  
?>
```

##. ##### get_config_vars(), config variables, config files, {config_load}, config_load() # clear_assign()

Name

config_load() — ##### # #####

#####

```

void config_load(string file,
                 string section);

### ##### # ##### # #####. #####
##### {config_load}.

#####

##### # ##### Smarty 2.4.0, ##### # ##### # ##### # #####
##### # fetch() # display(). #####, ##### # #####
config_load(), ##### # ##### # ##### # #####. #####
##### # ##### # ##### # #####, # ##### # #####
$force_compile # $compile_check.

```

Example 13.11. config_load()

```

<?php
// ##### # ##### # ##### # ##### # #####
$smarty->config_load('my.conf');

// ##### # #####
$smarty->config_load('my.conf', 'foobar');
?>

##. ##### {config_load}, get_config_vars(), clear_config(), # ##### # #####.

```



```
#####  
$template_dir.
```

Example 13.13. ##### display() # #####

```
<?php  
// #####  
$smarty->display('/usr/local/include/templates/header.tpl');  
  
// ##### (## #)  
$smarty->display('file:/usr/local/include/templates/header.tpl');  
  
// ##### Windows (##### "file:" #)  
$smarty->display('file:C:/www/pub/templates/header.tpl');  
  
// ##### # ##### "db"  
$smarty->display('db:header.tpl');  
?>
```

```
##. ##### fetch() # template_exists().
```

Name

fetch

```
string fetch(string template,  
            string cache_id,  
            string compile_id);
```

```
#####  
##### # cache id.  
#####
```

```
# $compile_id. ##  
##### $compile_id  
##### $template_dir, ## $compile_dir.  
##### $template_dir, ## $compile_dir.  
##### $compile_id,  
#####
```

Example 13.14. fetch

```
<?php
include("Smarty.class.php");
$smarty = new Smarty;

$smarty->caching = true;

// ##### # ## ##### ##### ##### #
if(!$smarty->is_cached("index.tpl"))
{

    // ##### ##### #####
    $address = "245 N 50th";
    $db_data = array(
        "City" => "Lincoln",
        "State" => "Nebraska",
        "Zip" => "68502"
    );

    $smarty->assign("Name", "Fred");
    $smarty->assign("Address", $address);
    $smarty->assign($db_data);

}

// ##### #
$output = $smarty->fetch("index.tpl");

// ##### #####-##### # $output

echo $output;
?>

##. ##### display() # template_exists.
```

Name

get_config_vars

```
array get_config_vars(string varname);
```

```
#####. ##### # #, ##  
#####.#####
```

Example 13.15. get_config_vars

```
<?php  
// ##### 'foo'  
$foo = $smarty->get_config_vars('foo');  
  
// #####  
$config_vars = $smarty->get_config_vars();  
  
// #####  
print_r($config_vars);  
>
```

Name

get_registered_object

```
array get_registered_object(string object_name);
```

```
#####  
#####  
#####
```

Example 13.16. get_registered_object

```
<?php  
function smarty_block_foo($params, &$smarty) {  
    if (isset($params['object'])) {  
        // #####  
        $obj_ref =& $smarty->get_registered_object($params['object']);  
        // ##### $obj_ref ### #####  
    }  
}  
?>
```


Name

get_template_vars

```
array get_template_vars(string varname);
```

```
#####. #### #, #####  
#####.
```

Example 13.17. get_template_vars

```
<?php  
// ##### 'foo'  
$foo = $smarty->get_template_vars('foo');  
  
// #####  
$tpl_vars = $smarty->get_template_vars();  
  
// #, # # #  
print_r($tpl_vars);  
?>
```

Name

is_cached

```
bool is_cached(string template,
              string cache_id,
              string compile_id);
```

```
##### true ##### ##### ##### ##### #####. ##### ##### # ## #####, ####
##### caching ##### # true.
```

Example 13.18. is_cached

```
<?php
$smarty->caching = true;

if(!$smarty->is_cached("index.tpl")) {
    // ##### # ##, ##### #####
}

$smarty->display("index.tpl");
?>
```

```
##### # ##### ##### cache id # ##### ##### #####, #### # ##
##### ##### #####.
```

```
##### # ##### ##### compile id # ##### ##### #####. ##### ##
## ##### # ##, ##### ##### $compile_id.
```

```
#### # # ##### ##### cache id, ## ##### ##### compile id, ## ##### ##### null
# ##### cache id.
```

Example 13.19. is_cached #####

```
<?php
$smarty->caching = true;

if(!$smarty->is_cached("index.tpl", "FrontPage")) {
    // ##### # ##, ##### #####
}

$smarty->display("index.tpl", "FrontPage");
?>
```

```
#####
```

```
#### is_cached ##### true, ## ## ## ##### ##### #
##### # # #####. ##### ##### display() ## fetch() #####
```

```
#### ##### # ##### ##### # ## ##### ##### ##### ##### #####. ###  
##### #####, ##### ##### ##### #####  
##### # ##### ##### is_cached # display # ##### #####. ### #####  
### clear_cache() # ##### ##### ##### ##### # # ##### # ####  
##### #, ### is_cached ##### true.
```

Name

load_filter

```
void load_filter(string type,
                 string name);
```

```
### ##### ##### ##### #####. ##### #####
##### # ##### # ##### # #####: 'pre', 'post' ## 'output'.
##### # ##### # ##### # # ##### 'trim'.
```

Example 13.20.

```
<?php
$smarty->load_filter('pre', 'trim'); // ##### 'trim'
$smarty->load_filter('pre', 'datefooter'); // ##### - 'date
$smarty->load_filter('output', 'compress'); // ##### 'compress'
?>
```

Name

register_block

```
void register_block(string name,
                    mixed impl,
                    bool cacheable,
                    mixed cache_attrs);
```

```
##### ## ##### ##### ##### #####. # ##### #####
##### ## ##### # ## #####, ##### ##.
```

```
#####-##### php impl ##### (a) #####, ##### ## ##, ## (b) #####
#### array(&$object, $method), ## &$object ##### ## ##, # $method
##### ##, ##### ## ##, ## (c) ##### # ##### array($class, $method),
## $class ##### ##, # $method ##### ## ##.
```

```
cacheable # cache_attrs # ##### ##### #####. #####
##### ##### ##### ## ##
#####.
```

Example 13.21. register_block

```
<?php
$smarty->register_block("translate", "do_translation");

function do_translation ($params, $content, &$smarty, &$repeat)
{
    if (isset($content)) {
        $lang = $params['lang'];
        // ##### $content
        return $translation;
    }
}
?>
```

```
#####:
```

```
{* ##### *}
{translate lang="br"}
Hello, world!
{/translate}
```

Name

register_compiler_function

```
bool register_compiler_function(string name,  
                                mixed impl,  
                                bool cacheable);
```

```
#####  
#####  
#####
```

```
#####-##### php impl ##### (a) #####, #####, ##### (b) #####  
##### array(&$object, $method), ## &$object ##### # $method  
##### # array($class, $method),  
##### $class #####, # $method #####
```

```
cacheable # cache_attrs # #####  
#####  
#####
```

Name

register_function

```
void register_function(string name,
                      mixed impl,
                      bool cacheable,
                      mixed cache_attrs);
```

```
##### ## ##### ##### #####. #####
##### ##### # ## #####, ##### ##.
```

```
##### ##### PHP impl ##### (a) #####, ##### ## (b)
##### ## array(&$object, $method), ## &$object ##### ## ##, #
$method #####, ##### ## (c) ##### # ##### array($class,
$method), ## $class ##### ##, # $method ##### ##.
```

```
cacheable # cache_attrs # ##### ## ##. #####
##### ## ## ## ## ## ##
#####.
```

Example 13.22. register_function

```
$smarty->register_function("date_now", "print_current_date");
```

```
function print_current_date($params)
{
    if(empty($params['format'])) {
        $format = "%b %e, %Y";
    } else {
        $format = $params['format'];
        return strftime($format,time());
    }
}
```

```
// ##### ## ##### ##### # # Smarty ##### ##### #####: {date_now
// ## {date_now format="%Y/%m/%d"} ##### ##.
?>
```

Name

register_modifier

```
void register_modifier(string name,
                      mixed impl);
```

```
##### ##### ### ##### ##### ##### #####. # #####
##### ### ##### # ### #####, ##### ###.
```

```
#####-##### php impl ##### ### (a) #####, ##### ### #####, ### (b) #####
#### array(&$object, $method), ### &$object ##### ##### ## #####, # $method
##### #####, ##### ### #####, ### (c) ##### # ##### array($class, $method),
### $class ##### ##### #####, # $method ##### ##### ##### #####.
```

```
cacheable # cache_attrs # ##### ##### ##### ##### #####. ##### #####
##### ##### ##### ##### ### ##### ##### ## #####
#####.
```

Example 13.23. register_modifier

```
<?php
// ##### ##### PHP stripslashes # ##### Smarty.

$smarty->register_modifier("slash", "stripslashes");

// ##### ##### ##### {$var|slash} ##### ##### ##### ## #####
?>
```


Name

register_object

```
void register_object(string object_name,  
                    object object,  
                    array allowed_methods_properties,  
                    boolean format,  
                    array block_methods);
```

```
#####  
#####.
```

```
##. ##### unregister_object.
```

Name

register_outputfilter

```
void register_outputfilter(mixed function);
```

```
#####  
#####  
#####  
#####  
#####  
#####  
#####
```

```
#####-##### php function ##### (a) #####, #####, ## (b) #####  
##### array(&$object, $method), ## &$object ##### ## ##, # $method  
##### ##, ##### ##, ## (c) ##### # ##### array($class, $method),  
## $class ##### ##, # $method ##### ##
```

Name

register_postfilter

```
void register_postfilter(mixed function);
```

```
#####  
#####  
#####  
#####  
#####
```

```
#####-##### php function ##### (a) #####, #####, ## (b) #####  
##### array(&$object, $method), ## &$object ##### ## ##, # $method  
##### ##, ##### ##, ## (c) ##### # ##### array($class, $method),  
## $class ##### ##, # $method ##### ##
```

Name

register_prefilter

```
void register_prefilter(mixed function);
```

```
#####  
#####  
#####  
#####  
#####
```

```
#####-##### php function ##### (a) #####, #####, ## (b) #####  
##### array(&$object, $method), ## &$object ##### ## ##, # $method  
##### ##, ##### ##, ## (c) ##### # ##### array($class, $method),  
## $class ##### ##, # $method ##### ##
```

Name

register_resource

```
void register_resource(string name,
                      array resource_funcs);
```

```
##### ## ##, ##### ##### ##### ##### # Smarty.
##### ## ## # ##### php-#####. ##### # ##### ##
#####.
```

```
#####
```

```
## ##### ##### ##### ## ## ##. ##### #####
##### # ##### ## ## ##, ##### $smarty-
>display('c:/path/to/index.tpl');
```

```
##### php-##### resource_funcs ##### 4 ## 5 #####. # #####
#####, ##### ##### #####-#####: "source", "timestamp",
"secure" # "trusted" ##### # ##### # ##### # #####
##### # ##### ## ## ##, ##### ## ## ##### # 4
##### ##### ## ## #####, ##### "source", "timestamp",
"secure" # "trusted".
```

Example 13.24. register_resource

```
<?php
$smarty->register_resource("db", array("db_get_template",
                                       "db_get_timestamp",
                                       "db_get_secure",
                                       "db_get_trusted"));
?>
```

Name

trigger_error

```
void trigger_error(string error_msg,  
int level);
```

```
### ##### ##### ##### ##### ##### ## ##### ##### Smarty.  
##### level ##### ##### ##### ## #####, ##### PHP-#####  
trigger_error(), #.#. E_USER_NOTICE, E_USER_WARNING, # #.#. ## #####  
##### E_USER_WARNING.
```

Name

template_exists

```
bool template_exists(string template);
```

```
### #####, ##### ## #####. ##### # #####  
# ##### ## #####, #####.
```

Name

unregister_block

```
void unregister_block(string name);
```

```
#####  
#####  
#####
```


Name

unregister_compiler_function

```
void unregister_compiler_function(string name);
```

```
#####  
#####  
#####
```

Name

unregister_function

```
void unregister_function(string name);
```

```
#####  
#####  
#####
```

Example 13.25. unregister_function

```
<?php  
// ## ##  
$smarty->unregister_function("fetch");  
?>
```

Name

unregister_modifier

```
void unregister_modifier(string name);
```

```
#####  
#####  
#####
```

Example 13.26. unregister_modifier

```
<?php  
// ## ##  
  
$smarty->unregister_modifier("strip_tags");  
?>
```

Name

unregister_object

```
void unregister_object(string object_name);
```

```
##### ## #####.
```

```
##. ##### register_object # #####
```

Name

unregister_outputfilter

```
void unregister_outputfilter(string function_name);
```

```
#####  
#####  
#####  
#####  
#####  
#####  
#####
```

Name

unregister_postfilter

```
void unregister_postfilter(string function_name);
```

```
#####  
#####  
#####  
#####  
#####  
#####.
```

Name

unregister_prefilter

```
void unregister_prefilter(string function_name);
```

```
##### ## ##### ##### #####.
```

Name

unregister_resource

```
void unregister_resource(string name);
```

```
#####  
#####  
#####
```

Example 13.27. unregister_resource

```
<?php  
$smarty->unregister_resource("db");  
?>
```

Chapter 14.

```
##### display() ## fetch() ## #####  
##### # #####. #####, #####  
#####. #####, #####  
##### # #####. ## ##  
display() ## fetch() #####, ##### ##  
#####, ##### #.#.
```

```
## ## #####, ##### # ## #  
## #####. #####, #####  
##### # ##  
# #####. # #####, ##### #  
#####, ##### # ##.
```

#####

```
##### $caching =  
true (## 1).
```

Example 14.1.

```
require('Smarty.class.php');  
$smarty = new Smarty;  
  
$smarty->caching = true;  
  
$smarty->display('index.tpl');
```

```
## ## display('index.tpl') #####  
## ## (#####) # $cache_dir.  
## ## display('index.tpl'), #####,  
#####.
```

#####

```
##### $cache_dir ##### # ## #  
##### ".php", ## ## ## ##  
php-#####. ## ##!
```

```
##### #  
$cache_lifetime. ##### 3600 ##### 1 #####  
#####  
##### $caching = 2. ##### $cache_lifetime ##  
#####.
```

Example 14.2. ##### cache_lifetime ### #####

```

require('Smarty.class.php');
$smarty = new Smarty;

$smarty->caching = 2; // #### #####

// ##### cache_lifetime ### index.tpl # 5 #####
$smarty->cache_lifetime = 300;
$smarty->display('index.tpl');

// ##### cache_lifetime ### home.tpl # 1 ###
$smarty->cache_lifetime = 3600;
$smarty->display('home.tpl');

// #####: ##### $cache_lifetime ##### ## #####, ##### $cachi
// ##### home.tpl ### ## #####
// # 1 ###, # Smarty ##### ## ##### $cache_lifetime
// ##### home.tpl ## #####
$smarty->cache_lifetime = 30; // 30 #####
$smarty->display('home.tpl');

```

```

#### ##### $compile_check, ## ##### # #####, ##### #
##### # #####. #### ## ##### # ##### #
### ##, ## ## ## ##, ## #####. ## #####,
#####, ## ##### $compile_check ##### false.

```

Example 14.3. ##### \$compile_check

```

require('Smarty.class.php');
$smarty = new Smarty;

$smarty->caching = true;
$smarty->compile_check = true;

$smarty->display('index.tpl');

```

```

#### $force_compile #####, ##### ## ## ## ##. ## ## ##
##### ## ## ## ## ## ##. $force_compile #####
##### # ## ## ##, ## ## ## ## ## ##
##### $caching = false (## 0).

```

```

##### is_cached() ##### ## ## ## ##, ##### # # ## ##
##### ##. #### # ## ## ## ##, ##### ## ## ##,
##### ## ## ##, ## ## ## ## ## ##, ##### ## ## ##
##### # ## ##.

```

Example 14.4. ##### is_cached()

```

require('Smarty.class.php');
$smarty = new Smarty;

$smarty->caching = true;

if(!$smarty->is_cached('index.tpl')) {
    // #####, #####
    $contents = get_database_contents();
    $smarty->assign($contents);
}

$smarty->display('index.tpl');

## #####, #####, #####
#####, ## insert. #####, #####,
##. ##### insert ##, ## #####
#####, #####. #####. ##### ## insert ##
##### #

##### ## ##### clear_all_cache(), # ##### (##
#####) - ##### clear_cache() #####.

```

Example 14.5. #####

```

require('Smarty.class.php');
$smarty = new Smarty;

$smarty->caching = true;

// #####
$smarty->clear_all_cache();

// ##### index.tpl
$smarty->clear_cache('index.tpl');

$smarty->display('index.tpl');

```

#####

```

## ##### display()
## fetch(). ## display('index.tpl') #####,
##### ##, ## #####
#####. ## # #####
#### (cache_id) # #####.

```

Example 14.6. ##### display() # ##### #####

```
require('Smarty.class.php');
$smarty = new Smarty;
```

```
$smarty->caching = true;
```

```
$my_cache_id = $_GET['article_id'];
```

```
$smarty->display('index.tpl', $my_cache_id);
```

```
# ##### ## ##### ##### $my_cache_id # ##### display() # ##### cache_id.
### ##### ##### $my_cache_id ##### ##### #####
index.tpl. #####, ##### "article_id" ### ##### # ##### ##### URL, #####
$smarty_cache_id # ##### ## cache_id.
```

```
#####
```

```
##### (#####) # Smarty (### # #
##### PHP-#####). ##### article_id
##### ## URL #####, ## #####. #####
cache_id ##### # #####, #####, ###
##### article_id ### #####,
##### article_id # #####, ## #####
## #####. ##### # #####
## ##, ##### #. # #####, ## #####, ## #####
article_id ##### # 10 #####, ##### ## ## # ##, # ##
##### # #####. ## ## !
```

```
##### ##, ## ## cache_id ##### #
##### is_cached() # clear_cache(), ## # ##.
```

Example 14.7. ##### cache_id # is_cached()

```

require('Smarty.class.php');
$smarty = new Smarty;

$smarty->caching = true;

$smarty_cache_id = $_GET['article_id'];

if(!$smarty->is_cached('index.tpl',$my_cache_id)) {
    // ##### ###, ##### ##### ##### #####
    $contents = get_database_contents();
    $smarty->assign($contents);
}

$smarty->display('index.tpl',$my_cache_id);

## ##### ##### ### ##### ##### # ##### cache_id, ##### null # #####
##### ##### clear_cache().

```

Example 14.8. ##### ##### ##### # ##### cache_id

```

require('Smarty.class.php');
$smarty = new Smarty;

$smarty->caching = true;

// ##### ### ##### ## ##### "sports" # ##### cache_id
$smarty->clear_cache(null,"sports");

$smarty->display('index.tpl',"sports");

##### #####, ## ##### ##### #####, ##### # #####
cache_id.

```

#####

```

## ##### ##### ##### #####, ##### ##### cache_id. #
#####, ##### ##### ##### # "l" # ##### cache_id.
##### ##### #####

## ##### ##### # ##### # #####, #####
##### "a|b|c" ##### "/a/b/c/". clear_cache(null,"a|b|c") - ## ##
#####, ## ##### # "/a/b/c/*". clear_cache(null,"a|b") ##### #
a/b/*". ## # compile_id, ##### clear_cache(null,"a|b","foo"), ## #

```


Example 14.11. #####

index.php:

```
<?php
require('Smarty.class.php');
$smarty = new Smarty;
$smarty-> caching = true;

function smarty_block_dynamic($param, $content, &$smarty) {
    return $content;
}
$smarty->register_block('dynamic', 'smarty_block_dynamic', false);

$smarty->display('index.tpl');
?>
```

index.tpl:

```
#####: {"0"|date_format:"%D %H:%M:%S"}
```

```
{dynamic}
```

```
#####: {"0"|date_format:"%D %H:%M:%S"}
```

```
... ##### ...
```

```
{/dynamic}
```

```
## #####,### #####.##### "#####",
##### - "#####".## ##### # ##### {dynamic}...{/dynamic} ##### ## #
#####,### ## ##### # ##### # ##### ######
```


Example 15.1. #####

```

<?php
// ### #####

class My_Object {
    function meth1($params, &$smarty_obj) {
        return 'this is my meth1';
    }
}

$smarty_obj = new My_Object;
// ##### (## #####)
$smarty->register_object('foobar',$myobj);
// #### ## ##### ##### # ##### #####, #####
$smarty->register_object('foobar',$myobj,array('meth1','meth2','prop1'));
// #### ## ##### ##### ##### #####, ##### fal
$smarty->register_object('foobar',$myobj,null,false);

// ## ## ## ##### #####. ##### ## ##, ## ##
$smarty->assign_by_ref('myobj', $myobj);

$smarty->display('index.tpl');
?>

```

```

### ## ##### ##### # ##### # index.tpl:

```

```

{* ##### # ##### *}
{foobar->meth1 p1='foo' p2=$bar}

{* ##### # ##### *}
{foobar->meth1 p1='foo' p2=$bar assign='output'}
the output was {$output}

{* ##### # ##### *}
{$myobj->meth1('foo',$bar)}

```

```

##. ##### register_object() # assign()

```

#####

```

##### - ## ##### PHP, ##### #####. ##
##### ## ##### # #####.

```

```

##### ## ## ## ##### ## ##### # #####
##### load_filter() ## # ##### $autoload_filters.

```

Smarty #####
#####

Example 15.2. #####

#####

```
<?php
// ### # #####
function remove_dw_comments($tpl_source, &$smarty)
{
    return preg_replace('/<!--#. *-->/U', '', $tpl_source);
}

// #####
$smarty->register_prefilter('remove_dw_comments');
$smarty->display('index.tpl');
?>
```

##. ##### register_prefilter(), ##### # load_filter().

#####

- ### ##### PHP, #####

load_filter(), ### # ##### \$autoload_filters. Smarty #####

#####

Example 15.3. #####

```
<?php
// ### # #####
function add_header_comment($tpl_source, &$smarty)
{
    return "<?php echo \"<!-- ##### ## Smarty! -->;\n\"; ?>\n\".$tpl_sour
}

// #####
$smarty->register_postfilter('add_header_comment');
$smarty->display('index.tpl');
?>
```

Smarty index.tpl ##### ##:

```
<!-- ##### ## Smarty! -->
{* #####... *}
```

##. ##### register_postfilter(), ##### # load_filter().

#####

display() ## fetch(), #####
#####. ##### # ##

##, # ##
#####

load_filter(), ## # ##### \$autoload_filters. Smarty #####

#####


```

switch ($action) {
  case 'read':
    // ##### #### # ##### #####
    $results = mysql_query("select CacheContents from CACHE_PAGES where CacheID='$CacheID'");
    if(!$results) {
Example 15.5. ##### MySQL # ##### ##### ##### #####
    }
    $row = mysql_fetch_array($results,MYSQL_ASSOC);

    if($use_gzip && function_exists('gzuncompress')) {
      $cache_content = gzuncompress($row['CacheContents']);
    } else {
      $cache_content = $row['CacheContents'];
    }
    $return = $results;
    break;
  case 'write':
    // ##### ##### # #####

    if($use_gzip && function_exists("gzcompress")) {
      // ##### ##### ##### ##### #####
      $contents = gzcompress($cache_content);
    } else {
      $contents = $cache_content;
    }
    $results = mysql_query("replace into CACHE_PAGES values(
      '$CacheID',
      '".addslashes($contents)."'
    );
    if(!$results) {
      $smarty_obj->trigger_error_msg('cache_handler: ##### #####.');
```

#####

```
##### ##### ##### ## ##### ##### #####. ##### ## ##### ##### #####
#####, ##### ##### ## ##### ##### ##### ##### # #####, ## ##### #####, #####
# ##### ##### ##### # ##### #####. ##### ## ##### ##### ## #####, #####
##### ##### $default_resource_type.
```

\$template_dir

```
#####, ##### ##### # ##### $template_dir, ## ##### ##### ##### #####,
##### ## ##### ##### file: ## ##### #####. ## ##### #####
##### ## $template_dir ## # #####.
```

Example 15.6. ##### ##### ## ##### \$template_dir

```
<?php
$smarty->display('index.tpl');
$smarty->display('admin/menu.tpl');
$smarty->display('file:admin/menu.tpl'); // ##### #####, ## # ##### ##
?>

{* ## # ##### Smarty *}
{include file="index.tpl"}
{include file="file:index.tpl"} {* ##### #####, ## # ##### ## *}
```

#####

```
## ##### ##### ## ##### ## $template_dir ##### ##### file: #
##### ##### ##### # ##### #####.
```

Example 15.7. ##### ##### ##

```
<?php
$smarty->display('file:/export/templates/index.tpl');
$smarty->display('file:/path/to/my/templates/menu.tpl');
?>

# ##### ##### Smarty:

{include file="file:/usr/local/share/templates/navigation.tpl"}
```

Windows

Windows, ## ## # #####, ## # #####, ##### # ##### #####
(#####, C:). ## ##### # ##### "file:" # ##### # ##, ##### #####
#####.

Example 15.8. ##### # ##### # ##### # ##### Windows

```
<?php
// PHP #####
$smarty->display('file:C:/export/templates/index.tpl');
$smarty->display('file:F:/path/to/my/templates/menu.tpl');
?>
```

Smarty:

```
{include file="file:D:/usr/local/share/templates/navigation.tpl"}
```

#####

#####, ##### # ##### # ##### # ##### PHP # #####: ## # ##,
#####, LDAP # ## # ##. ## # ## # ##### # ##### # ##### # ##### #
Smarty.

##,
#####.

Note

##, ## # # # ##### # ##### # ##### # ##### # ##### file,
#####, ##### # #####
#####.

Example 15.9: #####

```
function db_get_template ($tpl_name, &$tpl_source, &$smarty_obj)
{
    // ##### # ####, ##### ## #####,
    // ##### ## # $tpl_source
    $sql = new SQL;
    $sql->query("select tpl_source
                from my_table
                where tpl_name='$tpl_name'");
    if ($sql->num_rows) {
        $tpl_source = $sql->record['tpl_source'];
        return true;
    } else {
        return false;
    }
}

function db_get_timestamp($tpl_name, &$tpl_timestamp, &$smarty_obj)
{
    // ##### # ####, ##### ## $tpl_timestamp.
    $sql = new SQL;
    $sql->query("select tpl_timestamp
                from my_table
                where tpl_name='$tpl_name'");
    if ($sql->num_rows) {
        $tpl_timestamp = $sql->record['tpl_timestamp'];
        return true;
    } else {
        return false;
    }
}

function db_get_secure($tpl_name, &$smarty_obj)
{
    // #####, ## ## ##### #####
    return true;
}

function db_get_trusted($tpl_name, &$smarty_obj)
{
    // ## ##### ## #####
}

// ##### ## ## ## "db"
$smartyy->register_resource("db", array("db_get_template",
                                       "db_get_timestamp",
                                       "db_get_secure",
                                       "db_get_trusted"));

// ##### ## ## PHP #####
$smartyy->display("db:index.tpl");
# #####-Smarty:extras/navigation.tpl}
```

#####

#####, #####, ##### ## #####
#####. ##, ##, #####
##.

Example 15.10. ##### ## #####

```
<?php
// ## # #####

function make_template ($resource_type, $resource_name, &$template_source, &$templ
{
    if( $resource_type == 'file' ) {
        if ( ! is_readable ( $resource_name )) {
            // ##### # #####.
            $template_source = "### #####.";
            $template_timestamp = time();
            $smarty_obj->_write_file($resource_name,$template_source);
            return true;
        }
        } else {
            // ## #####
            return false;
        }
    }

// #####
$smartyy->default_template_handler_func = 'make_template';
?>
```


- modifier
- block
- compiler
- prefilter
- postfilter
- outputfilter
- resource
- insert

```
# name (###) #####  
##### # PHP (#####  
##### # #####).
```

```
#####  
#####: function.html_select_date.php, resource.db.php,  
modifier.spacify.php.
```

```
#####, #####  
#####, #####
```

```
smarty_type, _name
```

```
##### type # name ## ##, ## ##.
```

```
Smarty #####  
#####, #####  
#####, # ## ##
```

#####

```
Smarty #####  
## ##### (at runtime) #####  
#####, ##### unregistr_* API #####.
```

```
#####, #####  
#####
```

```
#### #####  
##### (## #  
#####  
##### Smarty), ##  
#####:
```

```
<?php  
require_once $smarty->_get_plugin_filepath('function', 'html_options');  
?>
```

```
#####  
##### Smarty #####  
#####  
##### &$repeat  
##### Smarty # #####  
##### Smarty).
```

#####

```
void smarty_function_name($params, &$smarty);
```

```
array $params;
object &$smarty;

### #####, ##### # ##### ##### ## ##### #####, ##### # $params
# ##### #####. ##### # ## ##### #####:
$params['start'] ### ##### extract($params) ### ##### # #####.

##### (#####) ##### # ##### # ##### # ##### # #####
# ##### (##### fetch #####). # ##### # ##### # ##### # #####
##### # #####-##### (assign #####).

##### # ##### # #####(assign) ##### # ##### # ##### # ##### # ##
##### # ##### # ##### Smarty, ## ##### # ##### $smarty ### #####.

##. #####: register_function(), unregister_function().
```

Example 16.1. #####-##### # #####

```
<?php
/*
 * Smarty plugin
 * -----
 * File:      function.eightball.php
 * Type:      function
 * Name:      eightball
 * Purpose:   outputs a random magic answer
 * -----
 */
function smarty_function_eightball($params, &$smarty)
{
    $answers = array('##',
                    '###',
                    '#####',
                    '##### ## ##...',
                    '#####',
                    '### ## ##');

    $result = array_rand($answers);
    return $answers[$result];
}
?>
```

#####:

#####: ## #####-##### # ##### # ##### # #####?
#####: {eightball}.

Example 16.2. #####-##### ## #####

```
<?php
/*
 * Smarty plugin
 * -----
 * File:      function.assign.php
 * Type:      function
 * Name:      assign
 * Purpose:   assign a value to a template variable
 * -----
 */
function smarty_function_assign($params, &$smarty)
{
    extract($params);

    if (empty($var)) {
        $smarty->trigger_error("assign: missing 'var' parameter");
        return;
    }

    if (!in_array('value', array_keys($params))) {
        $smarty->trigger_error("assign: missing 'value' parameter");
        return;
    }

    $smarty->assign($var, $value);
}
?>
```

#####

```
##### - ## #####, ##### ## ##### # ##### # ##### #####
###, ## # ##### ## ##### # ##### # #####. ## #####
#####, ##### ## ## #####.

mixed smarty_modifier_name($value, $param1);

mixed $value;
[mixed $param1, ...];

#####-##### ## ##### # ##### # ##### # #####
#####. ##### # ## #, # #####, #####
## #####.

##### # #####, ##### # ##### # #####.

##### #: register_modifier(), unregister_modifier().
```

Example 16.3. #####-#####

PHP-#####. ## ## ##### #####
#####.

```
<?php
/*
 * Smarty plugin
 * -----
 * #####:      modifier.capitalize.php
 * ###:        modifier
 * ###:        capitalize
 * #####:      ##### ##### ##### ##### #
 * #####
 * -----
 */
function smarty_modifier_capitalize($string)
{
    return ucwords($string);
}
?>
```

Example 16.4. #####

```
<?php
/*
 * Smarty plugin
 * -----
 * #####:      modifier.truncate.php
 * ###:        modifier
 * ###:        truncate
 * #####:      ##### ## #####,
 *          ### ##### ## ##### # #####
 * -----
 */
function smarty_modifier_truncate($string, $length = 80, $etc = '...',
                                  $break_words = false)
{
    if ($length == 0)
        return '';

    if (strlen($string) > $length) {
        $length -= strlen($etc);
        $fragment = substr($string, 0, $length+1);
        if ($break_words)
            $fragment = substr($fragment, 0, -1);
        else
            $fragment = preg_replace('/\s+(\S+)?$/',' ', $fragment);
        return $fragment.$etc;
    } else
        return $string;
}
?>
```

#####

```
void smarty_block_name($params, $content, &$smarty, &$repeat);

array $params;
mixed $content;
object &$smarty;
boolean &$repeat;

##### {func} .. {/func}. #####, ##
# ##### # #####. #####
##### ## ## ##, #####, ## ##
##### {func} # ##### {func} .. {/func}.

Smarty #####: ##### ## ## # ##### ## ##
####.

##### # #####. ##, ##### #
##### # $params # #####. ##
```



```
#####: $params['start'] ## extract($params) ##  
#####. #####, ##### # ##### ## ##### ## #####  
#####. #####. ##### $content ##### ## ##, ##### ## ##### ## #####  
##### ## ##### ##### ## ##### ##. # ##### # ##### ##, ## ##### ##  
##### null, # # ##### ##### ##, ##### ## ##### ##### # #####.  
#####, ## ## ## ##### ## ##### ##### Smarty # ## ##### ## #####  
#####, # ## ##### ## #####.  
  
##### &$repeat ##### ## ##### # ##### # ##### ## ##### #####  
##### #####. ## ##### $repeat ##### true ## ##### ##  
##### ##### (##### ## ##) # false ## ## ##### ##  
##### (##### ## ##). ##### ##, ##### ## ##### ## &  
$repeat ##### true, ##### {func} .. {/func} ##### # ##### ##  
#####, ##### ##### ##### ##### # ##### $content.  
  
## ## ##### ##### ##, ##### ##### #####  
#####. ##### ##### ##### $smarty->_tag_stack. #####  
##### ##### var_dump() ## ## # ##### ##  
  
##### #: register_block(), unregister_block().
```

Example 16.5. #####

```
<?php  
/*  
 * Smarty plugin  
 * -----  
 * #####: block.translate.php  
 * ###: block  
 * ###: translate  
 * #####: ##### (#####) #####  
 * -----  
 */  
function smarty_block_translate($params, $content, &$smarty)  
{  
    if ($content) {  
        $lang = $params['lang'];  
        // ##### $content  
        echo $translation;  
    }  
}  
?>
```

#####

```
##### ## ## ##### ##, ##### # #####  
#####. ## ## ## ##### ## ## PHP ## ##  
##### # #####. ##### ##  
- #####, ## ##### # #####.
```

```
mixed smarty_compiler_name($tag_arg, &$smarty);
```

```
string $tag_arg;  
object &$smarty;
```

```
#####  
#####  
##### PHP-### ###  
#####
```

```
##### register_compiler_function(), unregister_compiler_function().
```

Example 16.6.

```
<?php  
/*  
* Smarty plugin  
* -----  
* ####: compiler.tplheader.php  
* ###: compiler  
* ###: tplheader  
* #####: #####, ##### #  
* #####, ##### #  
* -----  
*/  
function smarty_compiler_tplheader($tag_arg, &$smarty)  
{  
return "\necho '" . $smarty->current_file . " compiled at " . date('Y-m-d H:M').  
}  
?>
```

```
### #####
```

```
{* ##### *}  
{tplheader}
```

```
##### PHP # #####
```

```
<?php  
echo 'index.tpl compiled at 2002-02-20 20:02';  
?>
```

#####/#####

```
#####  
#####
```

```
string smarty_prefilter_name($source, &$smarty);
```

```
string $source;  
object &$smarty;
```

```
#####  
#####. ##### - #####, #####,  
#####, #####. #####  
#####. #####, #####, #####, #####  
#####.
```

```
string smarty_postfilter_name($compiled, &$smarty);
```

```
string $compiled;  
object &$smarty;
```

```
##### (## ## - PHP-  
##) ## ##, ##  
# ##. #####  
##, ## ##. #####. #####  
##### ##.
```

Example 16.7.

```
<?php  
/*  
 * Smarty plugin  
 * -----  
 * ####:    prefilter.pre01.php  
 * ####:    prefilter  
 * ####:    pre01  
 * #####:  ##### html # #####.  
 * -----  
 */  
function smarty_prefilter_pre01($source, &$smarty)  
{  
    return preg_replace('!<(\w+)[^>]+&gt;!e', 'strtolower("$1")', $source);  
}  
?>
```

Example 16.8. #####

```
<?php
/*
 * Smarty plugin
 * -----
 * #####:      postfilter.post01.php
 * ###:        postfilter
 * ###:        post01
 * #####:      #####, #####
 * #####.
 * -----
 */
function smarty_postfilter_post01($compiled, &$smarty)
{
    $compiled = "<pre>\n<?php print_r(\$$this->get_template_vars()); ?>\n</pre>" .
    return $compiled;
}
?>
```

#####

```
#####,### #####
#####.

string smarty_outputfilter_name($template_output, &$smarty);

string $template_output;
object &$smarty;

##### - ### #####
##### - ### ##### Smarty, #####. #####
#####.
```

Example 16.9. #####

```
<?php
/*
 * Smarty plugin
 * -----
 * #####:      outputfilter.protect_email.php
 * ###:        outputfilter
 * ###:        protect_email
 * #####:      ##### @ # ##### email # %40 ###
 *             ##### ## #####.
 * -----
 */
function smarty_outputfilter_protect_email($output, &$smarty)
{
    return preg_replace('!(\S+)@([a-zA-Z0-9\.\-]+\.\.([a-zA-Z]{2,3}|[0-9]{1,3}))!',
        '$1%40$2', $output);
}
?>
```

#####

```
##### PHP-##### Smarty. ### #####: ### LDAP, #####
##### (shared memory), #####, # #####.
```

```
##### 4 ##### ## ##, ##### #####. #####
##### ##### # ##### # ##### Smarty ###
##### #####. ##### # #####.
```

```
bool smarty_resource_name_source($rsrc_name, &$source, &$smarty);

string $rsrc_name;
string &$source;
object &$smarty;

bool smarty_resource_name_timestamp($rsrc_name, &$timestamp, &$smarty);

string $rsrc_name;
int &$timestamp;
object &$smarty;

bool smarty_resource_name_secure($rsrc_name, &$smarty);

string $rsrc_name;
object &$smarty;

bool smarty_resource_name_trusted($rsrc_name, &$smarty);

string $rsrc_name;
```

object &\$smarty;

#####. ## ##### #####, ### #####, ##### ## #####.
#####. ##### ##### true ### ##### ##### #
false # ### #####.

(# ### UNIX
timestamp). ##### ##### ##### #####, ##### ## #####, # #####
#####. ##### ##### true ### timestamp ##### # #####
#####, # false # ### #####.

true ### false # ##### ## ##, ##### ## #####
#####. ### ##### ##### ## #####, ## # #####
#####.

true ### false # ##### ## ##, ##### ##
(is trusted) ### ##. ### ##### #####
PHP-#####, ##### **include_php** ### **insert** # *src* #####. ## ##
#####, ## ##### ##### ## #####.

#: register_resource(), unregister_resource().

Example 16.10. #####

```
/*
 * Smarty plugin
 * -----
 * #####:    resource.db.php
 * ###:      resource
 * ###:      db
 * #####:    ##### ## #####
 * -----
 */
function smarty_resource_db_source($tpl_name, &$tpl_source, &$smarty)
{
    // ##### # ##### # #####
    // # ##### # # $tpl_source
    $sql = new SQL;
    $sql->query("select tpl_source
                from my_table
                where tpl_name='$tpl_name'");
    if ($sql->num_rows) {
        $tpl_source = $sql->record['tpl_source'];
        return true;
    } else {
        return false;
    }
}

function smarty_resource_db_timestamp($tpl_name, &$tpl_timestamp, &$smarty)
{
    // ##### # ##### # ##### $tpl_timestamp.
    $sql = new SQL;
    $sql->query("select tpl_timestamp
                from my_table
                where tpl_name='$tpl_name'");
    if ($sql->num_rows) {
        $tpl_timestamp = $sql->record['tpl_timestamp'];
        return true;
    } else {
        return false;
    }
}

function smarty_resource_db_secure($tpl_name, &$smarty)
{
    // #####, # # #####
    return true;
}

function smarty_resource_db_trusted($tpl_name, &$smarty)
{
    // # # #####
}
?>
```

#####

```
##### ##### ##### #####, ##### ##### insert # #####.
```

```
string smarty_insert_name($params, &$smarty);
```

```
array $params;  
object &$smarty;
```

```
##### ##### ##### ##### ##### #####, ##### ##  
#####. ##### # ##### ##### ##### #:#. $params['start'] ## #  
##### extract($params) ## #####.
```

```
##### ##### #####, ##### ##### ##### insert # #####.
```

Example 16.11.

```
<?php  
/*  
 * Smarty plugin  
 * -----  
 * ####:    insert.time.php  
 * ####:    time  
 * ####:    time  
 * #####:   #####/##### # #####  
 * -----  
 */  
function smarty_insert_time($params, &Smarty) {  
    if (empty($params['format'])) {  
        $smarty->trigger_error("insert time: missing 'format' parameter");  
        return;  
    }  
  
    $datetime = strftime($params['format']);  
    return $datetime;  
}  
?>
```

Part IV.

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Chapter 17.

Smarty/PHP

Smarty #####, #####
#####.

Example 17.1. ##### Smarty

```
Warning: Smarty: [in index.tpl line 4]: syntax error: unknown tag - '%blah'  
in /path/to/smarty/Smarty.class.php on line 1041
```

```
Fatal error: Smarty: [in index.tpl line 28]: syntax error: missing section name  
in /path/to/smarty/Smarty.class.php on line 1041
```

Smarty #####, #####
Smarty, #####.

PHP # #####.

Example 17.2. ##### PHP

```
Parse error: parse error in /path/to/smarty/templates_c/index.tpl.php on line 75
```

```
##### PHP, #  
##### PHP-#####  
#####  
##### {if}{/if} {section}{/section},#####  
##### {if}.#####  
PHP-#####
```


#####

```
##. ##### #####, $error_reporting#trigger_error().
```


##. ##### default # ##### ##### #####.

(title)

#####-#####

#####, ## ##### #####
##. ## ### ####, #### ##### ##### #####
#####? ## ##### ##### ##### ##### # ##### ##### #
#####.

Example 18.3. ##### (title) #####-#####

mainpage.tpl - ##### "Main Page" ##### #
header.tpl, # ##### # ##### # ##### # #####.

```
{include file='header.tpl' title='Main Page'}
{* ### ##### *}
{include file='footer.tpl'}
```

archives.tpl - ##### "Archives". #####
#####, ### # ##### ## ##### ## archives_page.conf, ##### ##,
#####.

```
{config_load file='archive_page.conf'}

{include file='header.tpl' title=#archivePageTitle#}
{* ### ##### *}
{include file='footer.tpl'}
```

header.tpl - ##### "Smarty News" #####, ##### \$title ## ##,
default.

```
<html>
  <head>
    <title>{$title|default:'Smarty News'}</title>
  </head>
  <body>
```

footer.tpl

```
</body>
</html>
```

####

Smarty ##### [http://php.net/time] (###.
timestamp), ### ##### date_format ### #####

#####.

Note

Smarty 1.4.0, ## ##### # Smarty # ##### #
Unix (unix timestamps), mysql, ## # ##### #, ##### #
strtotime() [<http://php.net/strtotime>].

Example 18.4. ##### date_format

```
{startDate|date_format}
```

```
#####:
```

```
Jan 4, 2009
```

```
{startDate|date_format:"%Y/%m/%d"}
```

```
#####:
```

```
2009/01/04
```

```
##### # ##### # ##### # ##### # ##### # #####:
```

```
{if $date1 < $date2}  
    ... ##### ##-## ##### ...  
{/if}
```

```
##### {html_select_date} ##### # #####, ##### # #####  
##### # ##### # ##### # ##### # #####. ## # #####, ##### #  
## # ##### ##.
```

**Example 18.5. #####
#####**

```

<?php

// #####, ### ##### ##### #####
// startDate_Day, startDate_Month, startDate_Year

$startDate = makeTimeStamp($startDate_Year, $startDate_Month, $startDate_Day);

function makeTimeStamp($year='', $month='', $day='')
{
    if(empty($year)) {
        $year = strftime('%Y');
    }
    if(empty($month)) {
        $month = strftime('%m');
    }
    if(empty($day)) {
        $day = strftime('%d');
    }

    return mktime(0, 0, 0, $month, $day, $year);
}
?>

```

```
##.##### {html_select_date}, {html_select_time}, date_format # $smarty.now
```

WAP/WML

```

WAP/WML #####, #####, ##### ##### Content-Type [http://php.net/header] ### #####
##### # #####. ##### - ##### #####, #####
#####. ##### ## #####, ## ## #####, ## ## #####
### # ##### {insert};## #####,### {insert} ## #####! #####,###
##### # ##### ## #####, ##### ##### # #####.

```

Example 18.6. ##### {insert} ### ##### ##### Content-Type ### WML

```

<?php
// #####, ### apache ##### ## ##### ##### .wml!
// ##### ### ##### # ##### ##### ### # Smarty.addons.php
function insert_header($params)
{
    // ### ##### ##### ##### $content
    if (empty($params['content'])) {
        return;
    }
    header($params['content']);
    return;
}
?>

```

```
### ##### Smarty ##### ##### # ##### insert:
```

```
{insert name=header content="Content-Type: text/vnd.wap.wml"}
```

```

<?xml version="1.0"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.1//EN" "http://www.wapforum.org/DTD/w
<!-- begin new wml deck -->
<wml>
  <!-- begin first card -->
  <card>
    <do type="accept">
      <go href="#two"/>
    </do>
    <p>
      Welcome to WAP with Smarty!
      Press OK to continue...
    </p>
  </card>
  <!-- begin second card -->
  <card id="two">
    <p>
      Pretty easy isn't it?
    </p>
  </card>
</wml>

```

Chapter 19.

Smarty ##### # http://www.smarty.net/

- ##### ##### # ##### #, ##### e-mail # ##### ismarty-discussion-subscribe@googlegroups.com. ##### ##### ##### ##### [http://groups.google.com/group/smarty-discussion].
- ##### # http://www.smarty.net/forums/
- Wiki ##### # http://smarty.incutio.com/
- ##### # # irc.freenode.net#smarty.
- ##### # [http://smarty.incutio.com/?page=SmartyFrequentlyAskedQuestions] # # [http://www.smarty.net/forums/viewforum.php?f=23].

Chapter 20.

BUGS, #####
Smarty ### #####
#####.