

Smarty (template engine)

Smarty is a web template system written in PHP. Smarty is primarily promoted as a tool for separation of concerns.^[2] Smarty is intended to simplify compartmentalization, allowing the front-end of a web page to change separately from its back-end. Ideally, this lowers costs and minimizes the efforts associated with software maintenance.

Smarty generates web content through the placement of special *Smarty tags* within a document. These tags are processed and substituted with other code. Tags are directives for Smarty that are enclosed by template delimiters. These directives can be variables, denoted by a dollar sign (\$), functions, logical or loop statements. Smarty allows PHP programmers to define custom functions that can be accessed using Smarty tags.

Smarty



<u>Developer(s)</u>	Monte Ohrt, Messju Mohr, Uwe Tews
<u>Stable release</u>	4.0.4 ^[1]  / 17 January 2022
<u>Repository</u>	github.com/smarty-php/smarty (https://github.com/smarty-php/smarty)
<u>Written in</u>	<u>PHP</u>
<u>Type</u>	<u>Template Engine</u>
<u>License</u>	<u>LGPL</u>
<u>Website</u>	www.smarty.net (http://www.smarty.net)

Contents

[Smarty example](#)

[Further reading](#)

[See also](#)

[References](#)

[External links](#)

Smarty example

Since Smarty separates PHP from HTML, there are two files — one contains the presentation code: an HTML template, including Smarty variables and tags - `{$title_text|escape}` `{$body_html}` - which might look like this:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>{$title_text|escape}</title>
</head>

<body> { * This is a little comment that won't be visible in the HTML source *}
{$body_html}
</body> <!-- this is a little comment that will be seen in the HTML source -->
</html>
```

The business logic to use the Smarty template above could be as follows:

```
define('SMARTY_DIR', 'smarty-2.6.22/');
require_once(SMARTY_DIR . 'Smarty.class.php');
```

```
$smarty = new Smarty();
$smarty->template_dir = './templates/';
$smarty->compile_dir = './templates/compile/';

$smarty->assign('title_text', 'TITLE: This is the Smarty basic example ...');
$smarty->assign('body_html', '<p>BODY: This is the message set using assign(</p>');

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

Further reading

- Hasin Hayder; J. P. Maia; Lucian Gheorghe (2006). *Smarty PHP Template Programming And Applications*. ISBN 978-1-904-81140-4.

See also

- Comparison of web template engines
- Web template

References

1. <https://github.com/smarty-php/smarty/releases/tag/v4.0.4>; publication date: 17 January 2022; retrieved: 21 January 2022.
2. Parr, Terence John (2004). *Enforcing strict model-view separation in template engines*. Proceedings of the 13th international conference on World Wide Web. ISBN 1-58113-844-X.

External links

- Official website (<http://www.smarty.net/>)

Retrieved from "[https://en.wikipedia.org/w/index.php?title=Smarty_\(template_engine\)&oldid=1080106936](https://en.wikipedia.org/w/index.php?title=Smarty_(template_engine)&oldid=1080106936)"

This page was last edited on 30 March 2022, at 09:48 (UTC).

Text is available under the Creative Commons Attribution-ShareAlike License 3.0; additional terms may apply. By using this site, you agree to the Terms of Use and Privacy Policy. Wikipedia® is a registered trademark of the Wikimedia Foundation, Inc., a non-profit organization.