

Smarty Mode 0.0.1

A GNU XEmacs mode for editing Smarty templates

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1 Introduction

Smarty-Mode is a mode allowing easy edit of Smarty templates: highlight, templates, navigation into source files...

Features (new features in **bold**) :

- **Customizable**
- **Highlight**
- **Menu**
- **Stuttering**
- **Templates**

This manual describes Smarty Mode version 0.0.1.

2 Installation

2.1 Requirements

Smarty Mode is a XEmacs major mode that needs the following software/packages:

- **XEmacs**.
- ‘font-lock’ mode generally installed with XEmacs.
- ‘assoc’ mode generally installed with XEmacs.
- ‘easymenu’ mode generally installed with XEmacs.
- ‘hippie-exp’ mode generally installed with XEmacs.

Before continuing, you must be sure to have all this packages installed.

2.2 Download

Two internet address to download Smarty Mode :

- Principal: **Smarty-Mode 0.0.1** (<http://deboutv.free.fr/lisp/smarty/>)
- Secondary: **Smarty-Mode 0.0.1** (<http://www.morinie.fr/lisp/smarty/>)
- Old releases: **Smarty-Mode** (<http://deboutv.free.fr/lisp/smarty/>)

2.3 Installation

2.3.1 Installation

To install Smarty Mode you need to choose an installation directory (for example ‘`/usr/local/share/lisp`’ or ‘`c:\lisp`’). The administrator must have the write rights on this directory.

With your favorite unzip software, unzip the archive in the installation directory.

Example:

```
cd /usr/local/share/lisp
tar zxvf smarty-0.0.1.tar.gz
```

Now you have a ‘`smarty`’ directory in the installation directory. This directory contains 2 files ‘`smarty-mode.el`’ and ‘`smarty-mode.elc`’ and another directory ‘`docs`’ containing the documentation.

You need to configure XEmacs. open you initialization file ‘`init.el`’ (open the file or start XEmacs then choose the *Options* menu and *Edit Init File*). Add the following lines (the installation directory in this example is ‘`/usr/local/share/lisp`’) :

```
(setq load-path
      (append (list "/usr/local/share/lisp/") load-path))
(autoload 'smarty-mode "smarty-mode" "Smarty Mode" t)
```

2.3.2 Update

The update is easy. You need to unzip the archive in the installation directory to remove the old release.

Example:

```
cd /usr/local/share/lisp
rm -rf smarty
tar zxvf smarty-0.0.1.tar.gz
```

2.4 Invoke Smarty-Mode

You have two possibilities to invoke the Smarty Mode.

- Manually: At each file opening you need to launch Smarty Mode with the following command:

```
M-x smarty-mode
```

- Automatically: Add the following lines in your initialization file ‘`init.el`’ :

```
(setq auto-mode-alist
      (append
        ’(("\\.tpl$" . smarty-mode))
        auto-mode-alist))
```

3 Customization

This chapter describes the different parameters and functions that you can change to customize Smarty Mode. To do that, open a Smarty file, click on the *Smarty* menu and choose *Options* then *Browse Options...*

3.1 Parameters

3.1.1 Mode

Smarty Mode has 2 modes allowing to simplify the writing of Smarty templates. You can enable/disable each mode individually.

`'smarty-electric-mode'`

Type: *boolean*

Default value: `'t'`

Description: If `'t'`; enable automatic generation of template. If `'nil'`; template generators can still be invoked through key bindings and menu. Is indicated in the modeline by `"/e"` after the mode name and can be toggled by `'smarty-electric-mode'`.

`'smarty-stutter-mode'`

Type: *boolean*

Default value: `'t'`

Description: If `'t'`; enable the stuttering. Is indicated in the modeline by `"/s"` after the mode name and can be toggled by `'smarty-stutter-mode'`.

3.1.2 Menu

Smarty Mode has also 2 menus that you can enable/disable. The menus *Index* and *Sources* are specific to each Smarty file opened.

`'smarty-source-file-menu'`

Type: *boolean*

Default value: `'t'`

Description: If `'t'`; the *Sources* menu is enabled. This menu contains the list of Smarty file located in the current directory. The *Sources* menu scans the directory when a file is opened.

3.1.3 Templates

3.1.3.1 Header

`'smarty-file-header'`

Type: *string*

Default value: `""`

Description: String or file to insert as file header. If the string specifies an existing file name the contents of the file is inserted; otherwise the string itself is inserted as file header.

Type ‘C-j’ for newlines.

The following keywords are supported:

<filename>: replaced by the file name.

<author>: replaced by the user name and email address.

<login>: replaced by ‘user-login-name’.

<company>: replaced by ‘smarty-company-name’ content.

<date>: replaced by the current date.

<year>: replaced by the current year.

<copyright>: replaced by ‘smarty-copyright-string’ content.

<cursor>: final cursor position.

‘smarty-file-footer’

Type: *string*

Default value: “”

Description: String or file to insert as file footer. See ‘smarty-file-header’

‘smarty-company-name’

Type: *string*

Default value: “”

Description: Name of the company to insert in file header.

‘smarty-copyright-string’

Type: *string*

Default value: “”

Description: Copyright string to insert in file header.

‘smarty-date-format’

Type: *string*

Default value: “%Y-%m-%d”

Description: Date format.

‘smarty-modify-date-prefix-string’

Type: *string*

Default value: “”

Description: Prefix string of modification date in Smarty file header.

‘smarty-modify-date-on-saving’

Type: *bool*

Default value: ‘nil’

Description: If ‘t’; update the modification date when the buffer is saved.

3.1.4 Miscellaneous

‘smarty-left-delimiter’

Type: *string*

Default value: “”

Description: Left escaping delimiter for Smarty templates.

`'smarty-right-delimiter'`

Type: *string*

Default value: `""`

Description: Right escaping delimiter for Smarty templates.

`'smarty-intelligent-tab'`

Type: *bool*

Default value: `'t'`

Description: If `'t'`; TAB does indentation; completion and insert tabulations.
If `'nil'`; TAB does only indentation.

`'smarty-word-completion-in-minibuffer'`

Type: *bool*

Default value: `'t'`

Description: If `'t'`; enable completion in the minibuffer.

`'smarty-word-completion-case-sensitive'`

Type: *bool*

Default value: `'nil'`

Description: If `'t'`; completion is case sensitive.

3.2 Functions

3.2.1 Mode

`'smarty-electric-mode'`

Menu: *Smarty -> Options -> Mode -> Electric Mode*

Keybinding: *C-c C-m C-e*

Description: This functions is used to enable/disable the electric mode.

`'smarty-stutter-mode'`

Menu: *Smarty -> Options -> Mode -> Stutter Mode*

Keybinding: *C-c C-m C-s*

Description: This function is used to enable/disable the stutter mode.

4 Menus

There are 2 menus: *Smarty* and *Sources*. All these menus can be accessed from the menubar or from the right click. This chapter describes each menu.

4.1 Smarty

This is the main menu of Smarty Mode. It allows an easy access to the main features of the Smarty Mode: *Templates* (see [Chapter 6 \[Templates\]](#), page 10) and *Options* (see [Chapter 3 \[Customization\]](#), page 4).

This menu contains also 3 functions that are discussed in the next part.

4.1.1 Functions

`'smarty-show-messages'`

Menu: *Smarty* → *Show Messages*

Keybinding: *C-c M-m*

Description: This function opens the **Messages** buffer to display previous error messages.

`'smarty-doc-mode'`

Menu: *Smarty* → *Smarty Mode Documentation*

Keybinding: *C-c C-h*

Description: This function opens the **Help** buffer and prints in it the Smarty Mode documentation.

`'smarty-version'`

Menu: *Smarty* → *Version*

Keybinding: *C-c C-v*

Description: This function displays in the minibuffer the current Smarty Mode version with the timestamp.

4.2 Sources

The *Sources* menu shows the Smarty files in the current directory. If you add or delete a file in the current directory, you need to refresh the menu.

4.2.1 Customization

`'smarty-source-file-menu'`

Type: *boolean*

Default value: `'t'`

Description: If `'t'`; the *Sources* menu is enabled. This menu contains the list of Smarty file located in the current directory. The *Sources* menu scans the directory when a file is opened.

4.2.2 Functions

`'smarty-add-source-files-menu'`

Menu: *Sources* → **Rescan**

Keybinding: *C-c C-s C-u*

Description: This function is used to refresh the *Sources* menu.

5 Stuttering

The stutter mode is a mode that affects a function to a key. For example, when you use the *ENTER* key, the associated function will create a new line and indent it.

5.1 Customization

`'smarty-stutter-mode'`

Type: *boolean*

Default value: `'t'`

Description: If `'t'`; enable the stuttering. Is indicated in the modeline by `"/s"` after the mode name and can be toggled by `'smarty-stutter-mode'`.

5.2 Functions

SPACE If in comment, indent the comment and add new line if necessary. In other case, add a space.

`(` If the previous character is a `'('`, the `'(('` will be replaced by `'['`.
If the previous character is a `'['`, the `'[('` will be replaced by `'{'`.
In other case, insert a `'('`.

`)` If the previous character is a `')'`, the `'))'` will be replaced by `']'`.
If the previous character is a `']'`, the `'])'` will be replaced by `'}'`.
In other case, insert a `'),'`.

6 Templates

In the Smarty Mode, the Smarty functions (like if, while, for, fopen, fclose) are predefined in functions called "Templates".

Each template can be invoked by the function name or by using the `<SPACE>` key after the Smarty function name in the buffer (Note, using `M-SPACE` disable the template).

A template can be aborted by using the `C-g` or by leaving empty the template prompt (in the minibuffer).

6.1 Customization

`'smarty-electric-mode'`

Type: *boolean*

Default value: `'t'`

Description: If `'t'`; enable automatic generation of template. If `'nil'`; template generators can still be invoked through key bindings and menu. Is indicated in the modeline by `"/e"` after the mode name and can be toggled by `'smarty-electric-mode'`.

For a complete description of the template customizable variables, see [Section 3.1.3 \[Cu01-Pa01-Template\]](#), page 4

6.2 Functions

6.2.1 Built-in Functions

`'smarty-template-capture'`

Menu: *Smarty -> Templates -> Build-in Functions -> capture*

Keybinding: *none*

Description:

`'smarty-template-config-load'`

Menu: *Smarty -> Templates -> Build-in Functions -> config-load*

Keybinding: *none*

Description:

`'smarty-template-else'`

Menu: *Smarty -> Templates -> Build-in Functions -> else*

Keybinding: *none*

Description:

`'smarty-template-elseif'`

Menu: *Smarty -> Templates -> Build-in Functions -> elseif*

Keybinding: *none*

Description:

`'smarty-template-foreach'`

Menu: *Smarty -> Templates -> Build-in Functions -> foreach*

Keybinding: *none*

Description:

`'smarty-template-foreachelse'`

Menu: *Smarty -> Templates -> Build-in Functions -> foreachelse*

Keybinding: *none*

Description:

`'smarty-template-if'`

Menu: *Smarty -> Templates -> Build-in Functions -> if*

Keybinding: *none*

Description:

`'smarty-template-include'`

Menu: *Smarty -> Templates -> Build-in Functions -> include*

Keybinding: *none*

Description:

`'smarty-template-include-php'`

Menu: *Smarty -> Templates -> Build-in Functions -> include_php*

Keybinding: *none*

Description:

`'smarty-template-insert'`

Menu: *Smarty -> Templates -> Build-in Functions -> insert*

Keybinding: *none*

Description:

`'smarty-template-ldelim'`

Menu: *Smarty -> Templates -> Build-in Functions -> ldelim*

Keybinding: *none*

Description:

`'smarty-template-literal'`

Menu: *Smarty -> Templates -> Build-in Functions -> literal*

Keybinding: *none*

Description:

`'smarty-template-php'`

Menu: *Smarty -> Templates -> Build-in Functions -> php*

Keybinding: *none*

Description:

`'smarty-template-rdelim'`

Menu: *Smarty -> Templates -> Build-in Functions -> rdelim*

Keybinding: *none*

Description:

`'smarty-template-section'`
Menu: *Smarty -> Templates -> Build-in Functions -> section*
Keybinding: none
Description:

`'smarty-template-sectionelse'`
Menu: *Smarty -> Templates -> Build-in Functions -> sectionelse*
Keybinding: none
Description:

`'smarty-template-strip'`
Menu: *Smarty -> Templates -> Build-in Functions -> strip*
Keybinding: none
Description:

6.2.2 Custom Functions

`'smarty-template-assign'`
Menu: *Smarty -> Templates -> Custom Functions -> assign*
Keybinding: none
Description:

`'smarty-template-counter'`
Menu: *Smarty -> Templates -> Custom Functions -> counter*
Keybinding: none
Description:

`'smarty-template-cycle'`
Menu: *Smarty -> Templates -> Custom Functions -> cycle*
Keybinding: none
Description:

`'smarty-template-debug'`
Menu: *Smarty -> Templates -> Custom Functions -> debug*
Keybinding: none
Description:

`'smarty-template-eval'`
Menu: *Smarty -> Templates -> Custom Functions -> eval*
Keybinding: none
Description:

`'smarty-template-fetch'`
Menu: *Smarty -> Templates -> Custom Functions -> fetch*
Keybinding: none
Description:

`'smarty-template-html-checkboxes'`
Menu: *Smarty -> Templates -> Custom Functions -> html_checkboxes*
Keybinding: none
Description:

`'smarty-template-html-image'`
Menu: *Smarty -> Templates -> Custom Functions -> html_image*
Keybinding: none
Description:

`'smarty-template-html-options'`
Menu: *Smarty -> Templates -> Custom Functions -> html_options*
Keybinding: none
Description:

`'smarty-template-html-radios'`
Menu: *Smarty -> Templates -> Custom Functions -> html_radios*
Keybinding: none
Description:

`'smarty-template-html-select-date'`
Menu: *Smarty -> Templates -> Custom Functions -> html_select_date*
Keybinding: none
Description:

`'smarty-template-html-select-time'`
Menu: *Smarty -> Templates -> Custom Functions -> html_select_time*
Keybinding: none
Description:

`'smarty-template-html-table'`
Menu: *Smarty -> Templates -> Custom Functions -> html_table*
Keybinding: none
Description:

`'smarty-template-mailto'`
Menu: *Smarty -> Templates -> Custom Functions -> mailto*
Keybinding: none
Description:

`'smarty-template-math'`
Menu: *Smarty -> Templates -> Custom Functions -> math*
Keybinding: none
Description:

`'smarty-template-popup'`
Menu: *Smarty -> Templates -> Custom Functions -> popup*
Keybinding: none
Description:

`'smarty-template-popup-init'`
Menu: *Smarty -> Templates -> Custom Functions -> popup_init*
Keybinding: none
Description:

`'smarty-template-textformat'`

Menu: *Smarty -> Templates -> Custom Functions -> textformat*

Keybinding: *none*

Description:

6.2.3 Variable Modifiers

`'smarty-template-capitalize'`

Menu: *Smarty -> Templates -> Variable Modifiers -> capitalize*

Keybinding: *none*

Description:

`'smarty-template-cat'`

Menu: *Smarty -> Templates -> Variable Modifiers -> cat*

Keybinding: *none*

Description:

`'smarty-template-count-characters'`

Menu: *Smarty -> Templates -> Variable Modifiers -> count_characters*

Keybinding: *none*

Description:

`'smarty-template-count-paragraphs'`

Menu: *Smarty -> Templates -> Variable Modifiers -> count_paragraphs*

Keybinding: *none*

Description:

`'smarty-template-count-sentences'`

Menu: *Smarty -> Templates -> Variable Modifiers -> count_sentences*

Keybinding: *none*

Description:

`'smarty-template-count-words'`

Menu: *Smarty -> Templates -> Variable Modifiers -> count_words*

Keybinding: *none*

Description:

`'smarty-template-date-format'`

Menu: *Smarty -> Templates -> Variable Modifiers -> date_format*

Keybinding: *none*

Description:

`'smarty-template-default'`

Menu: *Smarty -> Templates -> Variable Modifiers -> default*

Keybinding: *none*

Description:

`'smarty-template-escape'`

Menu: *Smarty -> Templates -> Variable Modifiers -> escape*

Keybinding: *none*

Description:

`'smarty-template-indent'`

Menu: *Smarty -> Templates -> Variable Modifiers -> indent*

Keybinding: *none*

Description:

`'smarty-template-lower'`

Menu: *Smarty -> Templates -> Variable Modifiers -> lower*

Keybinding: *none*

Description:

`'smarty-template-nl2br'`

Menu: *Smarty -> Templates -> Variable Modifiers -> nl2br*

Keybinding: *none*

Description:

`'smarty-template-regex-replace'`

Menu: *Smarty -> Templates -> Variable Modifiers -> regex_replace*

Keybinding: *none*

Description:

`'smarty-template-replace'`

Menu: *Smarty -> Templates -> Variable Modifiers -> replace*

Keybinding: *none*

Description:

`'smarty-template-spacify'`

Menu: *Smarty -> Templates -> Variable Modifiers -> spacify*

Keybinding: *none*

Description:

`'smarty-template-string-format'`

Menu: *Smarty -> Templates -> Variable Modifiers -> string_format*

Keybinding: *none*

Description:

`'smarty-template-vstrip'`

Menu: *Smarty -> Templates -> Variable Modifiers -> strip*

Keybinding: *none*

Description:

`'smarty-template-strip-tags'`

Menu: *Smarty -> Templates -> Variable Modifiers -> strip_tags*

Keybinding: *none*

Description:

`'smarty-template-truncate'`

Menu: *Smarty -> Templates -> Variable Modifiers -> truncate*

Keybinding: *none*

Description:

‘smarty-template-upper’

Menu: *Smarty -> Templates -> Variable Modifiers -> upper*

Keybinding: *none*

Description:

‘smarty-template-wordwrap’

Menu: *Smarty -> Templates -> Variable Modifiers -> wordwrap*

Keybinding: *none*

Description:

6.2.4 Non-Smarty Functions

‘smarty-template-header’

Menu: *Smarty -> Templates -> Insert Header*

Keybinding: *none*

Description: This function is used to insert a header in the current buffer.

‘smarty-template-footer’

Menu: *Smarty -> Templates -> Insert Footer*

Keybinding: *none*

Description: This function is used to insert a footer in the current buffer.

‘smarty-template-insert-date’

Menu: *Smarty -> Templates -> Insert Date*

Keybinding: *none*

Description: This function is used to insert the date in the current buffer.

‘smarty-template-modify’

Menu: *Smarty -> Templates -> Modify Date*

Keybinding: *none*

Description: This function is used to modify the last modification date in the current buffer.

7 Bugs, Help

- To report bugs: [Bugtracker](#)
- To obtain help you can post on the dedicated forum: [Forum](#)

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