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* Typography Class

classic layout

Typography Class[**¶**](#30j0zll)

The Typography Class provides methods that help you format text.

* [Using the Typography Class](#1fob9te)
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[**Using the Typography Class**](#tyjcwt)[**¶**](#1fob9te)

[**Initializing the Class**](#3dy6vkm)[**¶**](#3znysh7)

Like most other classes in CodeIgniter, the Typography class is initialized in your controller using the $this->load->library() method:

$this->load->library('typography');

Once loaded, the Typography library object will be available using:

$this->typography

[**Class Reference**](#1t3h5sf)[**¶**](#2et92p0)

*class* CI\_Typography[¶](#4d34og8) $protect\_braced\_quotes = FALSE

When using the Typography library in conjunction with the [Template Parser library](http://docs.google.com/parser.html) it can often be desirable to protect single and double quotes within curly braces. To enable this, set the protect\_braced\_quotes class property to TRUE.

Usage example:

$this->load->library('typography');  
$this->typography->protect\_braced\_quotes = TRUE;

auto\_typography(*$str*[, *$reduce\_linebreaks = FALSE*])[¶](#2s8eyo1)

|  |  |
| --- | --- |
| Parameters: | * **$str** (*string*) – Input string * **$reduce\_linebreaks** (*bool*) – Whether to reduce consequitive linebreaks |
| Returns: | HTML typography-safe string |
| Return type: | string |

Formats text so that it is semantically and typographically correct HTML. Takes a string as input and returns it with the following formatting:

* Surrounds paragraphs within <p></p> (looks for double line breaks to identify paragraphs).
* Single line breaks are converted to <br />, except those that appear within <pre> tags.
* Block level elements, like <div> tags, are not wrapped within paragraphs, but their contained text is if it contains paragraphs.
* Quotes are converted to correctly facing curly quote entities, except those that appear within tags.
* Apostrophes are converted to curly apostrophe entities.
* Double dashes (either like – this or like–this) are converted to em—dashes.
* Three consecutive periods either preceding or following a word are converted to ellipsis (…).
* Double spaces following sentences are converted to non-breaking spaces to mimic double spacing.

Usage example:

$string = $this->typography->auto\_typography($string);

There is one optional parameter that determines whether the parser should reduce more than two consecutive line breaks down to two. Pass boolean TRUE to enable reducing line breaks:

$string = $this->typography->auto\_typography($string, TRUE);

Note

Typographic formatting can be processor intensive, particularly if you have a lot of content being formatted. If you choose to use this method you may want to consider [caching](http://docs.google.com/general/caching.html) your pages.

format\_characters(*$str*)[¶](#17dp8vu)

|  |  |
| --- | --- |
| Parameters: | * **$str** (*string*) – Input string |
| Returns: | Formatted string |
| Return type: | string |

This method is similar to auto\_typography() above, except that it only does character conversion:

* Quotes are converted to correctly facing curly quote entities, except those that appear within tags.
* Apostrophes are converted to curly apostrophe entities.
* Double dashes (either like – this or like–this) are converted to em—dashes.
* Three consecutive periods either preceding or following a word are converted to ellipsis (…).
* Double spaces following sentences are converted to non-breaking spaces to mimic double spacing.

Usage example:

$string = $this->typography->format\_characters($string);

nl2br\_except\_pre(*$str*)[¶](#3rdcrjn)

|  |  |
| --- | --- |
| Parameters: | * **$str** (*string*) – Input string |
| Returns: | Formatted string |
| Return type: | string |

Converts newlines to <br /> tags unless they appear within <pre> tags. This method is identical to the native PHP nl2br() function, except that it ignores <pre> tags.

Usage example:

$string = $this->typography->nl2br\_except\_pre($string);

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