

## Using JavaScript inside SMARTY Templates

<tip c n>**Update for v6:** The software now uses SMARTY 3, which handles this a little differently. In short, SMARTY now ignores any { characters that are immediately followed by whitespace. allowing JavaScript to parse them correctly. The practical upshot of that is that **most** scripts will now work without the below modifications. If not, or if you're not sure, it's always safe to make these changes anyway.</tip>

On occasion, it may be appropriate to add a block of JavaScript code to one of your template files. One of the most common uses of this is when adding Google Analytics to a site. There is one important caveat to be aware of: both JavaScript and SMARTY have different interpretations of the left-curly-brace character '{' - if you try to insert JavaScript code containing {curly braces} into a SMARTY template file, SMARTY will attempt to interpret the braces as its own tags, which will usually break the JavaScript code.

There are a couple of ways around this. You can either replace all of the left-curly-braces in your Javascript with the {ldelim} tag, or you can simply wrap the entire javascript code in **{literal}{/literal}** SMARTY tags.

<tip c n>**Google Analytics Tip:** If you are trying to use Google Analytics: Edit the **footer.tpl** template file in the admin panel under **Design > Manager**. Click on the <..> **Source Code Editor** tab. Right before the end </body> tag, copy/paste in the Google Analytics code as provided by Google Analytics. Right before it, add **{literal}**, and right after the code you pasted in, add **{/literal}**. See below for examples of what it might look like when you are done.</tip>

We'll show the oft-offending piece of Google Analytics code here, by way of example. Google generally supplies the code like this:

```
<script type="text/javascript">
try {
var pageTracker = _gat._getTracker("your_tracker_number_here");
pageTracker._trackPageview();
} catch(err) {} }</script>
```

To properly use that code snippet in a SMARTY template, you'll want to do something like this:

```
{literal}
<script type="text/javascript">
try {
var pageTracker = _gat._getTracker("your_tracker_number_here");
pageTracker._trackPageview();
} catch(err) {} }</script>
{/literal}
```

Alternatively, the following will work just as well:

```
<script type="text/javascript">
try {ldelim}
var pageTracker = _gat._getTracker("your_tracker_number_here");
pageTracker._trackPageview();
```

```
} catch(err) {ldelim} } }</script>
```

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