

Customizing Emails

Table of Contents

- 1 Conditional Statements
- 2 Loops
- 3 Filters
 - 3.1 Supported Filters
- 4 Debugging

Blesta 3.0 uses the [H2o Template system](#) for parsing Email Templates. The following is an overview of its basic usage. We've overridden the default {{ var_name }} with { var_name } for simplicity, but that's the only way in which the following documentation differ from any [official H2o documentation](#).

Conditional Statements

```
{% if id > 3 %}  
  
This will print out if $id is > 3  
  
{% endif %}
```

Loops

```
{% for user in users %}  
  
Name: {user.first_name} {user.last_name}  
  
{% endfor %}
```

Assuming:

```
$users = array(  
    array(  
        'first_name'=>"First name",  
        'last_name'=>"Last name"  
    ),  
    array(  
        'first_name'=>"First name 2",  
        'last_name'=>"Last name 2"  
    )  
);
```

Loops can also take advantage of limits:

```
{% for user in users limit:1 %}
```

The above would only cycle through the loop one time.

Filters

Filters are applied to individual variables and are preceded by a pipe symbol (|). Parameters are passed to filters using a comma (,) separated list.

```
{past_due | set_default "Not past due"} // Produces "Not past due" if past_due is false
```

Multiple filters can be applied in succession:

```
{past_due | set_default "not past due" | capitalize} // Produces NOT PAST DUE if past_due is false
```

Supported Filters

Filter	Description	Example Usage
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currency_format	Formats the value into a currency string. Parameters 1. currency code	<pre>{"1.2345" currency_format "USD"}</pre> For Invoice Delivery Email templates, you can use this example which includes the currency code and invoice total tags. <pre>{invoice.total currency_format invoice.currency}</pre>
md5	Hashes the value using MD5.	<pre>{"some string" md5}</pre>
sha1	Hashes the value using SHA1.	<pre>{"some string" sha1}</pre>
numberformat	Formats the value into a number. Parameters 1. number of decimal places 2. decimal point character 3. thousands separator character	<pre>{"12345.6789" numberformat 2, ".", ","}</pre>
wordwrap	Wraps a string into multiple lines. Parameters 1. number of characters per line 2. break string	<pre>{"some string" wordwrap 5, "\n
"}</pre>
trim	Removes white space around a string.	<pre>{" some string " trim}</pre>
upper	Converts a string to uppercase.	<pre>{"some string" upper}</pre>
lower	Converts a string to lowercase.	<pre>{"SOME STRING" lower}</pre>
first	Returns the first element of an array.	<pre>{array_of_items first}</pre>
last	Returns the last element of an array.	<pre>{array_of_items last}</pre>
join	Combines an array of elements into a delimited string. Parameters 1. delimiter (default is ',')	<pre>{array_of_items join ', '}</pre>
length	Returns the length of an array.	<pre>{array_of_items length}</pre>

urlencode	URL encodes an string or array of parameters.	<pre>{array_of_items urlencode}</pre>
hyphenize	Replaces white space with hyphens.	<pre>{"some string" hyphenize}</pre>
urlize	Converts a URL into an HTML link.	<pre>{"http://domain.com/" urlize}</pre>
set_default	Sets a default value when no other value exists. Parameters 1. default value	<pre>{not_set set_default "default value"}</pre>
humanize		
capitalize		
capfirst		
tighten_space		
escape		
escapejson		
force_escape		
truncate		
limitwords		
filesize		
image_tag		
css_tag		
script_tag		
links_to		
links_with		
strip_tags		
linebreaks		
nl2br		
nl2pbr		

htmlAttribute		
extract		
date		<pre>{"some date string" date "Y M d"} eg. {invoice.date_due date "Y M d"}</pre>
relative_time		
relative_date		
relative_datetime		
safe	Prevents the default HTML filtering from being applied. Considers the string safe.	<pre>{"some string" safe}</pre>

Debugging

Adding the following tag to any email template will enable debugging, and display data key value pairs:

```
{% debug %}
```