

# It's Twig-o-rama!

## Variables

### Simple variable

```
<h1>{{ sitename }}</h1>
```

### Array element (value of key name in array named user)

```
<h2>{{ user.name }}</h2>
```

### Always available variables:

```
{{ _context }} - current context
{{ _self }} - current template
{{ _charset }} - current character set
```

## Assignments

### Use set tag:

#### a simple value

```
{% set foo = 'bar' %}
```

#### an array

```
{% set foo = [1,2] %}
```

#### array with keys

```
{% set foo = {'foo':'bar'} %}
```

#### with a variable

```
{% set foo = bar ~'baz' %}
```

#### longer strings

```
{% set message %}
    This is an error message.
{% endset %}
```

## Control structures

### Available:

```
if (same as in PHP), elseif, else, for, tags (see below)
{% for user in users %}
    <li>{{ user.username }}</li>
{% endfor %}
```

### Expressions

```
or, and, ==, !=, <, >, >=, <=, in, +, -, ~, *, /, %,
//, is, .., **
```

## Tag

### Must have start and end tag

```
{% if page is defined %}
    <h1>{{ pagetitle }}</h1>
{% endif %}
```

## Filter

### Apply one or more separated by a pipe (|)

```
{{ list|join(', ')|title }}
```

## Escaping

### To escape Twig specific tags use raw filter

```
{{ '{{twigvariable}}'|raw }}
```

### To escape HTML use escape filter (PHP's htmlspecialchars())

```
{{ '<script>iCanHasServer(?)</script>' |escape }}
```

## Comments

```
{# A comment #}
```

## Includes

### Simple Include

```
{% include 'relative/to/template/root/mypage.html' %}
```

### Pass vars to the included file as an object

```
{% include 'mypage.html' with {'key': 'value'} %}
```

## Block

### Lorem ipsum dolor sit amet, consectetur adipiscing elit,

```
{{ sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. }}
```

### Lorem ipsum dolor sit amet, consectetur adipiscing elit,

```
{{ sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. }}
```

### Lorem ipsum dolor sit amet, consectetur adipiscing elit,

```
{{ sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. }}
```

## Macros

### Twig macro == PHP function (no access to variables outside of the macro).

```
{% macro state_option(code, name, current) %}
{% set selected = current == code ? 'selected' : '' %}
    <option value="{{code}}" name="{{name}}" {{selected}}
{% endmacro %}
```

### Can be defined anywhere but needs to be imported before use.

```
{% import "states-select.html" as states %}
```

### Calling macros

```
{{ states.state_option(state.code, state.name, selected_state) }}
```

## Translation

### Uses Twig i18n plugin

**Use short version for simple strings without variables and double quotes**

```
{%trans "Hello world!" %}
```

**Use long version for more complex strings. All variables must be simple variables.**

```
{% trans %}  
    Hello {{user.name}}  
{% endtrans %}
```

### Translation with a placeholder and a filter

```
{% set message %}  
    {% trans "Sorry! We can't find %loc. Please try again" %}  
{% endset %}  
{{ message | replace({'%loc': search}) }}
```

Twig documentation: <http://www.twig-project.org/documentation>

[Lights](#)