

# EJS ( Embedded JavaScript templates ) Cheatsheet

2 years ago

EJS - EJS ( Embedded JavaScript templates ) is a simple templating language to generate HTML. Your code is plain Javascript in EJS, EJS itself does not introduce any new syntax. You can use EJS at client side or server side.

## Sample Syntax

```
<% if (user.email) { %>
  <h1><%= user.email %></h1>
<% } %>
```

## Usage - 1

```
var templateString = '<h1> Hello, <%= userName %> </h1>';
var options = {};

var template = ejs.compile(templateString, options);

var data = {
  userName : 'Foo Bar'
}

var outputString = template(data); // outputString -> <h1> Hello, Foo Bar </h1>
```

## Usage - 2

```
var outputString = ejs.render(templateString, data, options);
```

## Usage - 3 (Template as a separate file)

```
ejs.renderFile(templateFilePath, data, options, function(err, outputString){
  console.log(outputString);
});
```

## Options

Option	Description
cache	To cache the compiled functions
filename	used by cache and includes
context	Function execution context
compileDebug	enable/ disable debug
rmWhitespace	removes leading and trailing whitespaces

## Tags

Tag	Description
<%	This is a Scriptlet tag, used for control flows. This does not output anything
<%_ _%>	'Whitespace Slurping' tag, this removes all whitespaces before it.
<%= %>	Produces HTML escaped value
<%- %>	HTML unescaped value (useful if you have generated html in database )
<%# %>	Comment tag
<%%	to output literal <%
%>	Ending tag
-%>	Trims following new line
_ %>	Remove white spaces after it

## Includes

include

To include a template, needs a file name option, paths are relative

```
<%- include('partials/navbar.ejs', data) %>
  <h1> Title <h1>

  <p> content </p>
<%- include('partials/footer.ejs', data) %>
```

## References

Official Website: <https://ejs.co/>

GitHub Repository: <https://github.com/mde/ejs>

NPM Pacjage: <https://www.npmjs.com/package/ejs>

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