

Thymeleaf Attributes

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Thymeleaf Basic Attributes

Thymeleaf is an attribute based template engine - it processes attributes and their values to build its DOM tree.

The **th:text** attribute

This attribute is responsible for displaying text that is evaluated from the expression inside it;

Example: To display a message:

```
<p th:text="{message}">Hello Good Morning!</p>
```

The **th:text** attribute, which evaluates its value expression and sets the result as the body of the host tag, effectively replacing the “Hello Good Morning!” text we see in the code.

The th:each attribute

In Thymeleaf, iteration or looping is achieved by using the th:each attribute.

One of the interesting things about this attribute is that it will accept and iterate over some different data types, such as: List, Set, Map, Array

```
<tr th:each="user : ${users}">
  <td th:text = "${user.name}"></td>
  <td th:text = "${user.email}"></td>
  <td th:text = "${user.role}"></td>
  <td th:text = "${user.gender}"></td>
</tr>
```

The th:each attribute Status Variable

Thymeleaf also enables a useful mechanism to keep track of the iteration process via the status variable.

```
<tr th:each="user, userStat : ${users}">
  <td th:text = "${userStat.count}"></td>
  <td th:text = "${user.name}"></td>
  <td th:text = "${user.email}"></td>
  <td th:text = "${user.role}"></td>
  <td th:text = "${user.gender}"></td>
</tr>
```

Status Variable

Status Variable
count property

The `th:each` attribute Status Variable

The status variable provides the following properties:

- **index:** the current iteration index, starting with 0 (zero)
- **count:** the number of elements processed so far
- **size:** the total number of elements in the list
- **even/odd:** checks if the current iteration index is even or odd
- **first:** checks if the current iteration is the first one
- **last:** checks if the current iteration is the last one