

# Thymeleaf - Delete Employee



# Delete Employee - DEMO

# Delete Employee - DEMO

## Employee Directory

Add Employee

First Name	Last Name	Email	Action
Leslie	Andrews	leslie@luv2code.com	<button>Update</button> <button>Delete</button>
Emma	Baumgarten	emma@luv2code.com	<button>Update</button> <button>Delete</button>
Avani	Gupta	avani@luv2code.com	<button>Update</button> <button>Delete</button>
Yuri	Petrov	yuri@luv2code.com	<button>Update</button> <button>Delete</button>
Juan	Vega	juan@luv2code.com	<button>Update</button> <button>Delete</button>

# Delete Employee

Step-By-Step

## Employee Directory

Add Employee

First Name	Last Name	Email	Action
Leslie	Andrews	leslie@luv2code.com	<button>Update</button> <button>Delete</button>
Emma	Baumgarten	emma@luv2code.com	<button>Update</button> <button>Delete</button>
Avani	Gupta	avani@luv2code.com	<button>Update</button> <button>Delete</button>
Yuri	Petrov	yuri@luv2code.com	<button>Update</button> <button>Delete</button>
Juan	Vega	juan@luv2code.com	<button>Update</button> <button>Delete</button>

# Delete Employee

Step-By-Step

1. Add “Delete” button/link on page

Employee Directory			
<a href="#">Add Employee</a>			
First Name	Last Name	Email	Action
Leslie	Andrews	leslie@luv2code.com	<a href="#">Update</a> <a href="#">Delete</a>
Emma	Baumgarten	emma@luv2code.com	<a href="#">Update</a> <a href="#">Delete</a>
Avani	Gupta	avani@luv2code.com	<a href="#">Update</a> <a href="#">Delete</a>
Yuri	Petrov	yuri@luv2code.com	<a href="#">Update</a> <a href="#">Delete</a>
Juan	Vega	juan@luv2code.com	<a href="#">Update</a> <a href="#">Delete</a>

# Delete Employee

Step-By-Step

1. Add “Delete” button/link on page

2. Add controller code for “Delete”

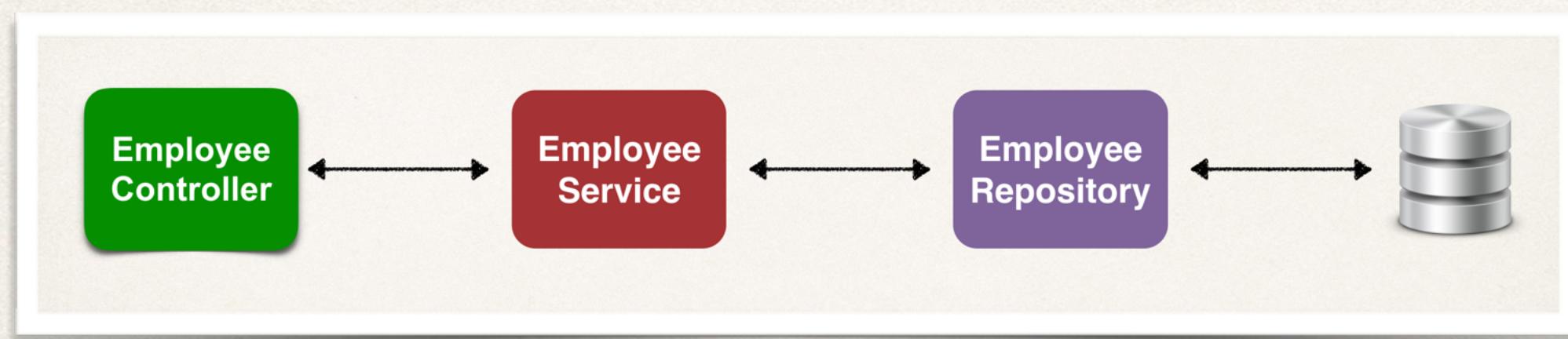
Employee Directory			
<a href="#">Add Employee</a>			
First Name	Last Name	Email	Action
Leslie	Andrews	leslie@luv2code.com	<a href="#">Update</a> <a href="#">Delete</a>
Emma	Baumgarten	emma@luv2code.com	<a href="#">Update</a> <a href="#">Delete</a>
Avani	Gupta	avani@luv2code.com	<a href="#">Update</a> <a href="#">Delete</a>
Yuri	Petrov	yuri@luv2code.com	<a href="#">Update</a> <a href="#">Delete</a>
Juan	Vega	juan@luv2code.com	<a href="#">Update</a> <a href="#">Delete</a>

# Delete Employee

Step-By-Step

1. Add “Delete” button/link on page

2. Add controller code for “Delete”



Employee Directory			
Add Employee			
First Name	Last Name	Email	Action
Leslie	Andrews	leslie@luv2code.com	<button>Update</button> <button>Delete</button>
Emma	Baumgarten	emma@luv2code.com	<button>Update</button> <button>Delete</button>
Avani	Gupta	avani@luv2code.com	<button>Update</button> <button>Delete</button>
Yuri	Petrov	yuri@luv2code.com	<button>Update</button> <button>Delete</button>
Juan	Vega	juan@luv2code.com	<button>Update</button> <button>Delete</button>

# Step 1: "Delete" button

**Employee Directory**

Add Employee

First Name	Last Name	Email	Action
Leslie	Andrews	leslie@luv2code.com	<a href="#">Update</a> <a href="#">Delete</a>
Emma	Baumgarten	emma@luv2code.com	<a href="#">Update</a> <a href="#">Delete</a>
Avani	Gupta	avani@luv2code.com	<a href="#">Update</a> <a href="#">Delete</a>
Yuri	Petrov	yuri@luv2code.com	<a href="#">Update</a> <a href="#">Delete</a>
Juan	Vega	juan@luv2code.com	<a href="#">Update</a> <a href="#">Delete</a>

Each row has a **Delete** button/link

- current employee id embedded in link

When **clicked**

- prompt user
- will delete the employee from database

# Step 1: "Delete" button

First Name	Last Name	Email	Action
Leslie	Andrews	leslie@luv2code.com	<button>Update</button> <button>Delete</button>

# Step 1: "Delete" button

- Delete button includes employee id

First Name	Last Name	Email	Action
Leslie	Andrews	leslie@luv2code.com	<button>Update</button> <button>Delete</button>

# Step 1: "Delete" button

- Delete button includes employee id

First Name	Last Name	Email	Action
Leslie	Andrews	leslie@luv2code.com	<button>Update</button> <button>Delete</button>

```
<tr th:each="tempEmployee : ${employees}">
```

```
...
```

# Step 1: "Delete" button

- Delete button includes employee id

First Name	Last Name	Email	Action
Leslie	Andrews	leslie@luv2code.com	<button>Update</button> <button>Delete</button>

```
<tr th:each="tempEmployee : ${employees}">
...
<td>

    <a th:href="@{/employees/delete(employeeId=${tempEmployee.id})}"
       class="btn btn-danger btn-sm"
       onclick="if (!confirm('Are you sure you want to delete this employee?')) return false">
        Delete
    </a>

</td>

</tr>
```

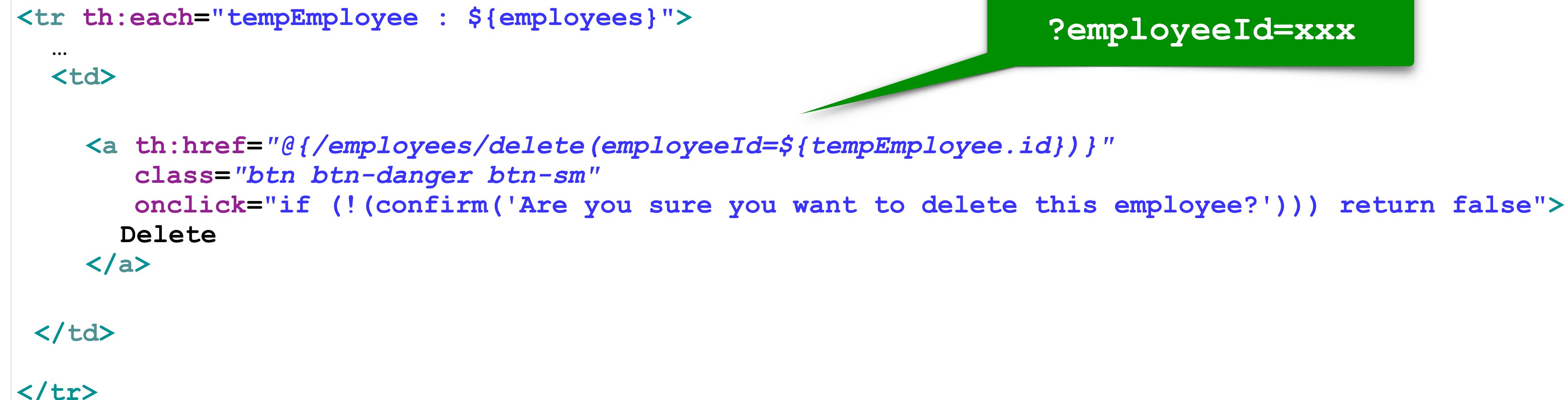
# Step 1: "Delete" button

- Delete button includes employee id

```
<tr th:each="tempEmployee : ${employees}">
...
<td>

    <a th:href="@{/employees/delete(employeeId=${tempEmployee.id})}"
       class="btn btn-danger btn-sm"
       onclick="if (!confirm('Are you sure you want to delete this employee?')) return false">
        Delete
    </a>

</td>
</tr>
```



The code snippet shows a Thymeleaf template for a table row. It iterates over a list of employees and displays each one in a table cell. Within each cell, there is a link to the '/employees/delete' endpoint, passing the current employee's ID as a query parameter. A JavaScript confirmation dialog is triggered before the delete action is performed.

Appends to URL  
?employeeId=xxx

# Step 1: "Delete" button

- Delete button includes employee id

```
<tr th:each="tempEmployee : ${employees}">
...
<td>

    <a th:href="@{/employees/delete(employeeId=${tempEmployee.id})}"
       class="btn btn-danger btn-sm"
       onclick="if (!confirm('Are you sure you want to delete this employee?')) return false">
        Delete
    </a>

</td>
</tr>
```

Appends to URL

?employeeId=xxx

JavaScript to prompt user before deleting

# Step 2: Add controller code for delete

# Step 2: Add controller code for delete

```
@Controller  
@RequestMapping("/employees")  
public class EmployeeController {  
    ...
```

# Step 2: Add controller code for delete

```
@Controller  
@RequestMapping("/employees")  
public class EmployeeController {  
    ...  
  
    @GetMapping("/delete")  
    public String delete(@RequestParam("employeeId") int theId) {
```

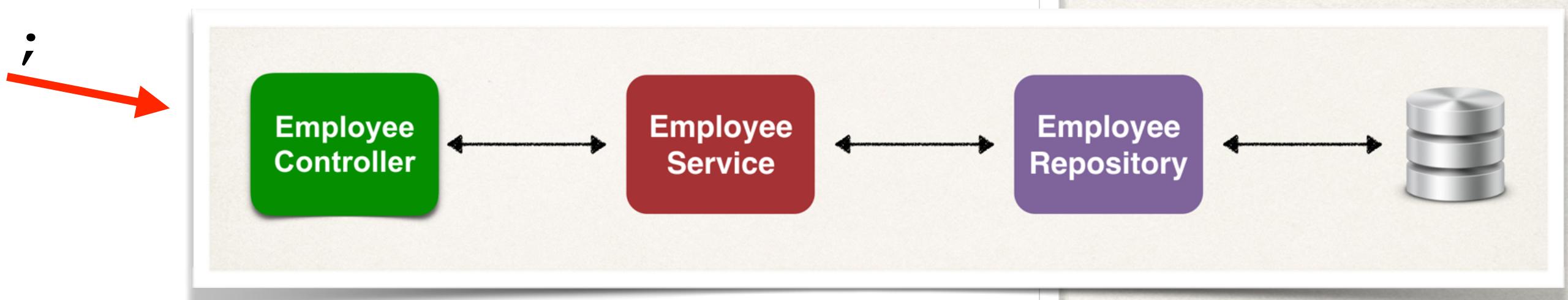
# Step 2: Add controller code for delete

```
@Controller  
@RequestMapping("/employees")  
public class EmployeeController {  
    ...  
  
    @GetMapping("/delete")  
    public String delete(@RequestParam("employeeId") int theId) {  
        // Delete logic  
        return "redirect:/employees";  
    }  
}
```



# Step 2: Add controller code for delete

```
@Controller  
@RequestMapping("/employees")  
public class EmployeeController {  
  
    ...  
  
    @GetMapping("/delete")  
    public String delete(@RequestParam("employeeId") int theId) {  
  
        // delete the employee  
        employeeService.deleteById(theId);  
    }  
}
```



# Step 2: Add controller code for delete

```
@Controller  
@RequestMapping("/employees")  
public class EmployeeController {  
  
    ...  
  
    @GetMapping("/delete")  
    public String delete(@RequestParam("employeeId") int theId) {  
  
        // delete the employee  
        employeeService.deleteById(theId);  
  
        // redirect to /employees/list  
        return "redirect:/employees/list";  
    }  
  
    ...  
}
```

