Angular

In this lab, you will work with the client side JavaScript framework, Angular.

# Objectives

In this lab, you will

* Modify an existing Angular app, todos.html and add the remove feature

# Test the existing app

1. In the lab folder, open the file todos.html in a browser. Enter a couple of TODO items. We are going to create a method to remove the items after you have created them.

# Edit the js/todos.js and create a remove() method

1. Open the file js/todos.js. In the controller section, create the remove() method, a function with one parameter, the index of the TODO item to remove.
2. Use the splice() method to remove the element. (this.todos.splice(index, 1)

# Edit the ‘todoList.html’ file

1. In the todoList.html file, we must create a link to the controller section of the custom directive.
2. In the <form> line, notice how we connect the addTodo() method to the submit event on the form. We will do something similar to the link. We will connect the remove() method to the click event on the link.
3. After line 9, add a link with the ng-click attribute. Remember that the method requires one parameter, the index of the item to remove.
4. The link should look like:

<div ng-repeat="todo in todoCntlr.todos">  
 <b>TODO {{$index + 1}}: {{*todo*.content}}</b>  
 <a href ng-click="todoCntlr.remove($index)">Remove</a>  
</div>

1. What changes do we need to make to the todos.html file?
2. Zero changes!!! Kinda neat, huh…
3. Save your changes and refresh the browser.
4. Test by entering the TODO items: a, b, c. Remove them one at a time and verify the correct removal of the items.

Congratulations. You have completed this lab.