

AngularJS and Bootstrap Form Basics

Mark Zamoyta
www.curiousinventions.com
mark@curiousinventions.com



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hardcore developer training

Introduction

- **Install AngularJS and Bootstrap**
- **Create AngularJS components**
 - An app (module), controller, service, directive, view
- **Bootstrap styling**
- **Horizontal form in Bootstrap**
- **Fieldsets and legends**
- **2-way data binding using ngModel**
- **Binding to a <select> control**
- **Submitting a form**

AngularJS Files for Our Form

Module: AngularFormsApp.js

Controller: efController.js

Service: efService.js

Directive: efDirective.js

View: efTemplate.html

Styling Forms With Bootstrap

container	adds a margin and centers page
content	
form-group	groups a label and input field
form-control	placed on input elements

Horizontal Forms With Bootstrap

form-horizontal	places labels to the left of controls
control-label	groups a label and input field
col-sm-3 col-sm-9	use the 12 column grid

Data Binding in AngularJS

\$scope holds the model within the controller

ng-model placed on form controls for 2 way data

binding

Do not use ng-bind or {{ }} for 2 way

binding

Submitting a Form

- ng-submit** placed on the form tag, specify a function
- ng-click** placed on the submit button
- \$scope.fn** place the callback function on \$scope

Summary

- **Installed AngularJS and Bootstrap**
- **Created AngularJS components**
 - Used “ef” as a file and object prefix for Employee Form components
- **Bootstrap styling**
 - Classes: container, form-group, form-control
- **Horizontal form**
 - Classes: form-horizontal, control-label, col-sm3 and col-sm-9
- **<fieldset> and <legend> with Bootstrap styling**
- **2-way data binding using ngModel**
- **Binding to a <select> control**
 - Used ngOptions to read values from \$scope
- **Submitted a form**
 - Used ngSubmit or ngClick, but not both