

Angular basics

View directives

ng-app creates an angular app

```
<html ng-app="app.angularJS">  
  or  
<div ng-app="app.angularJS"></div>
```

ng-controller

creates a controller context

```
<div ng-controller="controllerName"></div>
```

ng-repeat

loops out items in a list

```
controller.js:  
items=['item 1', 'item 2'];  
  
index.html:  
<ul>  
  <li ng-repeat="item in items">  
    {{ item }}  
  </li>  
</ul>
```

ng-repeat with duplicate entries

```
index.html:  
<div ng-repeat="item in items track by $index">  
  {{item}}  
</div>
```

ng-show / ng-hide

shows or hides element based on conditions

```
<div ng-show="enable"></div>  
<div ng-hide="enable"></div>
```

ng-if

when false, element is removed from DOM

```
<div ng-if="enable"></div>
```

ng-click

create a textbox and bind a javascript function to a button

```
index.html:
  <input type="text" ng-model="addedName"></input>
  <button ng-click="addName()">Add</button>

controller.js:
  $scope.names = [];
  $scope.addName = addName;
  function addName() {
    $scope.names.push($scope.addedName);
  }
```

Bootstrapping

Create a module

```
angular.module('app', []);
```

Get a module

```
angular.module('app');
```

Create a controller

```
(function (module) {
  'use strict';
  module.controller('controller', controller);
  controller.$inject = ['$scope'];

  function controller($scope) {
  }
} (angular.module('app')));
```