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AngularJS Examples pdf

pTutorial

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Angular Directive Example

This AngularJS Directive example explain the concept behind the ng-app, ng-model, ng-init, ng-model, ng-repeat.

Directives Example

```
<html>
<head>
<title>AngularJS Directives Example</title>
<script src = "angular.min.js"></script>

</head>
<body>
<h2>Simple Directives Application</h2>

<div ng-app = "" ng-
init="cities=['Delhi','Noida','Gurgaon','Faridabad']">
<p>Type Name: <input type = "text" ng-model = "fname"></p>
<p>Hello <span ng-bind = "fname"></span></p>

<p>List of Cities</p>
<ol>
<li ng-repeat = "x in cities">
{{ x }}
</li>
</ol>
</div>
</body>
</html>
```

Output

Simple Directives Application

Type Name:

Hello

List of Cities

1. Delhi
2. Noida
3. Gurgaon
4. Faridabad

Explanation

Cities is a simple array variable initialize using ng-init directive. The array variable having four cities.

Ng-model is used to bind the fname to the text box.

Ng-bind is used to display the data of ng-model. You can use **Angular Expression** in place of ng-bind.

ng-repeat is used to iterate the cities array variable.

Note: If you willing to learn more example, please visit website <http://www.ptutorial.com>

AngularJS AJAX - \$Http Example

Simple AngularJS Example to get the data from the server \$http can be used to get the data from server.

AngularJS \$Http Example

```
<!DOCTYPE html>
<html>
<script src= "angular.min.js"></script>
<body>

<div ng-app="ukApp" ng-controller="ukController">

<table border="2">
<tr>
<th>Name</th>
  <th>City</th>
  <th>Country</th>
</tr>
  <tr ng-repeat="x in data">
    <td>{{ x.Name}}</td>
    <td>{{ x.City}}</td>
    <td>{{ x.Country}}</td>
  </tr>
</table>
</div>

<script>
var app = angular.module('ukApp', []);
app.controller('ukController', function($scope, $http) {
  $http.get("data1.php")
    .success(function(response) {$scope.data = response.studentdata;});
});
</script>

</body>
</html>
```

Explanation

You can simply execute this example by deploying the angularjshttp.html and the data.php file on the server.

Everything is same as previous example except these points-

AngularJS will invoke ukController with a \$scope and \$http object.

\$scope is the application object.

\$http is an XMLHttpRequest object for requesting external server data.

\$http.get() method is used to get the data from server ().

If success, the controller assign the response data to the data property.

Http://Www.ptutorial.com/angularjs/data.php File Data

```
{
  "studentdata": [
    {
      "Name" : "Umar Farooque",
      "City" : "Delhi",
      "Country" : "India"
    },
    {
      "Name" : "Umar",
      "City" : "Delhi",
      "Country" : "India"
    },
    {
      "Name" : "Rahul",
      "City" : "Delhi",
      "Country" : "India"
    },
    {
      "Name" : "John",
      "City" : "New York city",

```

```
"Country" : "USA"  
}  
  
]  
}
```

Another Angular Example

```
<!DOCTYPE html>  
<html>  
<script src= "angular.min.js"></script>  
<body>  
  
<div ng-app="ukApp" ng-controller="ukController">  
  
<table border="2">  
<tr>  
<th>Name</th>  
  <th>City</th>  
  <th>Country</th>  
</tr>  
  <tr ng-repeat="x in data">  
    <td>{{ x.Name}}</td>  
    <td>{{ x.City}}</td>  
    <td>{{ x.Country}}</td>  
  </tr>  
</table>  
</div>  
  
<script>  
var app = angular.module('ukApp', []);  
app.controller('ukController', function($scope, $http) {  
  $http.get("data2.php")  
    .success(function(response) {$scope.data = response;});  
});  
</script>  
  
</body>  
</html>
```

[Http://Www.Ptutorial.Com/Angularjs/Data2.Php](http://Www.Ptutorial.Com/Angularjs/Data2.Php)

```
[
  {
    "Name" : "Umar Farooque",
    "City" : "Delhi",
    "Country" : "India"
  },
  {
    "Name" : "Umar",
    "City" : "Delhi",
    "Country" : "India"
  },
  {
    "Name" : "Rahul",
    "City" : "Delhi",
    "Country" : "India"
  },
  {
    "Name" : "John",
    "City" : "New York city",
    "Country" : "USA"
  }
]
```

AngularJS Filter Example

You can use filter to a directive with pipe character and filter followed by the colon ng-model name or string. Filter select from an array or JSON data.

Syntax

```
.....
<tr ng-repeat="x in data | filter:name">
.....
</tr>
```

Filter Example

```
<!DOCTYPE html>
<html>
<script src= "angular.min.js"></script>
<!DOCTYPE html>
<html>
<script src= "angular.min.js"></script>
<body>

<div ng-app="ukApp" ng-controller="ukController">
<input type = "text" ng-model = "name">
</td><table border="2">
<tr>
<th>Name</th>
  <th>City</th>
  <th>Country</th>
</tr>
  <tr ng-repeat="x in data | filter: name ">
    <td>{{ x.Name}}</td>
    <td>{{ x.City}}</td>
    <td>{{ x.Country}}</td>
  </tr>
</table>
</div>

<script>
var app = angular.module('ukApp', []);
app.controller('ukController', function($scope, $http) {
  $http.get("data2.php")
    .success(function(response) {$scope.data = response;});
});
</script>

</body>
</html>
```


Explanation

In the above example filter is associate with the ng-model = "name that why list filter according to the input field with name.

All the thing same as Controller Example except these.

AngularJS will invoke ukController with a \$scope and \$http object.

\$http is an XMLHttpRequest (Ajax) object for requesting external server data.

\$http.get() reads data in the form of JSON from <http://www.ptutorial.com/angularjs/data.php>.

If \$http.get() method read the data successfully from the server the controller create the data property.

If you ever think an AngularJS Example is not explained clearly or think we should add a specific AngularJS Example suggest me at info@ptutorial.com. We will add AngularJS Example as soon as possible for better experience.



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