

Sql server, .net and c# video tutorial

Free C#, .Net and Sql server video tutorial for beginners and intermediate programmers.

[Support us](#) [.Net Basics](#) [C#](#) [SQL](#) [ASP.NET](#) [ADO.NET](#) [MVC](#) [Slides](#) [C# Programs](#) [Subscribe](#) [Buy DVD](#)

Angular select options from array

Suggested Videos

[Part 7 - Angular radio button checked by default](#) | [Text](#) | [Slides](#)

[Part 8 - Bootstrap checkbox in angular](#) | [Text](#) | [Slides](#)

[Part 9 - Angular bootstrap select list](#) | [Text](#) | [Slides](#)

In this video, we will discuss, how to get the select list options from an array in the component class, instead of having them hard-coded in the HTML. This is continuation to [Part 9](#). So, please watch [Part 9](#) from [Angular CRUD tutorial](#) before proceeding.

Step 1 : Create the **Department** class.

Add a TypeScript file to the models folder. Name it department.model.ts. Copy and paste the following code. Notice the Department class has 2 properties - id and name of the department.

```
export class Department {  
    id: number;  
    name: string;  
}
```

PRAGIM
TECHNOLOGIES
Training + Placements

Best software training and placements in marathahalli, bangalore. For further details please call 09945699393.

Complete Tutorials

[JavaScript tutorial](#)

[Bootstrap tutorial](#)

[Angular tutorial for beginners](#)

[Angular 5 Tutorial for beginners](#)

Important Videos

[The Gift of Education](#)

[Web application for your business](#)

Step 2 : Import the Department class

Include the following import statement in create-employee.component.ts file

```
import { Department } from '../models/department.model';
```

Step 3 : Include the following array of departments in `CreateEmployeeComponent` class in create-employee.component.ts file

```
departments: Department[] = [  
  { id: 1, name: 'Help Desk' },  
  { id: 2, name: 'HR' },  
  { id: 3, name: 'IT' },  
  { id: 4, name: 'Payroll' }  
];
```

Please note : The "Department" type is not required for the application to work, but it adds great value during development. Using it provides us intellisense, error checking and type safety.

Step 4 : In create-employee.component.html file, modify the HTML that displays the "Department" dropdownlist as shown below.

```
<div class="form-group">  
  <label for="department">Department</label>  
  <select id="department" name="department" [(ngModel)]="department"  
    class="form-control">  
    <option *ngFor="let dept of departments" [value]="dept.id">  
      {{dept.name}}  
    </option>  
  </select>  
</div>
```

Code explanation :

- On the "option" element we are using `ngFor` structural directive to loop over the array of departments we have in the "departments" property of the component class

How to become .NET developer

Resources available to help you

Dot Net Video Tutorials

ASP.NET Core Tutorial

Angular 6 Tutorial

Angular CRUD Tutorial

Angular CLI Tutorial

Angular 2 Tutorial

Design Patterns

SOLID Principles

ASP.NET Web API

Bootstrap

AngularJS Tutorial

jQuery Tutorial

JavaScript with ASP.NET Tutorial

JavaScript Tutorial

Charts Tutorial

LINQ

LINQ to SQL

LINQ to XML

Entity Framework

- For each "Department" object in the "departments" array, we get an option.
- The option value is the **department id** and the display text is the **department name**
- Notice the square brackets around the **[value]** property. This is property binding in Angular. We discussed property binding in detail in **Part 9 of Angular 2 tutorial**. If you remove the square brackets the value for each option will be the literal text "dept.id" instead of the department id (1 or 2 or 3 etc.)
- To display the department name we are using **interpolation**. We discussed interpolation in **Part 8 of Angular 2 tutorial**.
- Since **ngFor** is a structural directive there is an asterisk before it.
- Structural directives modify the DOM, i.e they add or remove the elements from DOM. Adding and removing elements from DOM is different from showing and hiding. We will discuss all these in detail in our upcoming videos.

At this point, when we select a department, the respective department id is included in the Angular generated form model. Along the same lines, when we click the "Save" button the respective department id is logged to the console.

Please note : It is important that we include the **ngFor** directive on the element that we want to be repeated. In our case we want an option element for each department we have in the array. So we included the **ngFor** directive on the option element. If we instead include the **ngFor** directive on the "div" element that has the bootstrap "form-group" class as shown below.

```
<div class="form-group" *ngFor="let dept of departments">
  <label for="department">Department</label>
  <select id="department" name="department" [(ngModel)]="department"
    class="form-control">
    <option [value]="dept.id">
      {{dept.name}}
    </option>
  </select>
</div>
```

We get 4 department dropdownlists. That is one for each department in the array. So it

WCF

ASP.NET Web Services

Dot Net Basics

C#

SQL Server

ADO.NET

ASP.NET

GridView

ASP.NET MVC

Visual Studio Tips and Tricks

Dot Net Interview Questions

Slides

Entity Framework

WCF

ASP.NET Web Services

Dot Net Basics

C#

SQL Server

ADO.NET

ASP.NET

is important we include the **ngFor** directive on the right element.

Department

Department

Department

Department

WWW.PRAGIMTECH.COM

**CLICK HERE FOR THE FULL
ANGULAR CRUD TUTORIAL PLAYLIST**

facebook.com/pragimtech | twitter.com/kudvenkat

4 comments:

[GridView](#)

[ASP.NET MVC](#)

[Visual Studio Tips and Tricks](#)

Java Video Tutorials

Part 1 : [Video](#) | [Text](#) | [Slides](#)

Part 2 : [Video](#) | [Text](#) | [Slides](#)

Part 3 : [Video](#) | [Text](#) | [Slides](#)

Interview Questions

[C#](#)

[SQL Server](#)

[Written Test](#)



Unknown September 21, 2018 at 12:05 AM

how to make default select

Reply

Replies



Unknown February 14, 2019 at 12:40 PM

```
<select id="department" class="form-control" name="department"
[(ngModel)]="department"
<option value="0">--Select a Department--</option>
<option *ngFor="let dept of departments" [value]="dept.id">
{{dept.name}}</option>
</select>
```



Izas Ahmed L May 8, 2019 at 11:05 PM

Write the below code in create-employee.component.ts , which will select IT as default one with the value as 3.

```
department : number =3;
```

Reply



Unknown May 15, 2019 at 1:37 AM

how to push element in array.

Reply

Enter your comment...



Comment as:

toilati123vn@g ▼

Publish

Preview

If you like this website, please share with your friends on facebook and Google+ and recommend us on google using the g+1 button on the top right hand corner.

Links to this post

[Create a Link](#)

[Newer Post](#)

[Home](#)

[Older Post](#)

Subscribe to: [Post Comments \(Atom\)](#)

Powered by Blogger.