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# .NET-programmering

Mer om formulär

Select, checkbox, radiobutton



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# Formulär

- Form-taggar
  - asp-action, asp-controller
  - asp-for
  - submit
- Kopplad till modellen
  - Ett poco-objekt



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# Select

- Select
  - Fylla på med data
    - option
  - Välja ett och spara



# Exemplet

```
CourseList.cshtml  CourseListViewComponent.cs
1  @model IEnumerable<Course>
2
3
4  <h3>Course List</h3>
5  <select>
6      <option>Choose Course</option>
7      @foreach (Course course in Model)
8      {
9          <option>@course.Name</option>
10     }
11 </select>
```



# Form och tag-helpers

```
@model IEnumerable<Course>
```

```
<form asp-controller="Home" asp-action="SaveCourse" method="post">  
<select>  
  <option>Choose Course</option>  
  @foreach(Course course in Model.Courses)  
  {  
    <option>@course.Name</option>  
  }  
</select>  
<p><input type="submit" value="Save Course" /></p>  
</form>
```



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# Returvärdet

*IEnumerable<Course> does not contain a definition for 'CourseID'*

`@model IEnumerable<Course>`

```
<form asp-controller="Home" asp-action="SaveCourse" method="post">
  <select asp-for="CourseID">
    <option>Choose Course</option>
    @foreach (Course course in Model)
    {
      <option>@course.Name</option>
    }
  </select>
  <p><input type="submit" value="Save Course" /></p>
</form>
```



# Välja rätt model

```
@model IEnumerable<Course> Course
```



```
<form asp-controller="Home" asp-action="SaveCourse" method="post">  
<select>  
  <option>Choose a course</option>  
  @foreach (var course in Model.Courses)  
  {  
    <option value="@course.Name">@course.Name</option>  
  }  
</select>  
<p><input type="submit" value="Save Course" /></p>  
</form>
```



# Ändra i kontrollen

- CourseListViewComponent

```
public IViewComponentResult Invoke()  
{  
    return View("CourseList", repository.Courses);  
}
```



```
public IViewComponentResult Invoke()  
{  
    ViewBag.ListOfCourses = repository.Courses;  
    return View("CourseList");  
}
```





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# Ny tag-helper

@model Course

```
<form asp-controller="Home" asp-action="SaveCourse" method="post">
  <select asp-for="CourseID"
    asp-items="@("new
      SelectList(ViewBag.ListOfCourses, "CourseID", "Name"))">
    <option>Choose Course</option>
  </select>
  <p><input type="submit" value="Save Course" /></p>
</form>
```

```
public SelectList(IEnumerable items, string dataValueField, string dataTextField)
```



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# SaveCourse

```
[HttpPost]
public ActionResult SaveCourse(Course course)
{
    ViewBag.courseID = course.CourseID;
    return View();
}
```

controller

```
<h2>@ViewBag.courseID</h2>
```

view



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# Resultatet

## Teacher Detail

2

Jonas Cluedo

JC

## Course List

Choose Course ▼

Choose Course ▼
Choose Course
Math 101
English 101
Poetry 101
Programming 101



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# Checkbox

```
<fieldset id="newsletter">  
  <legend>Nyhetsbrev</legend>  
  <label asp-for="News">  
    <input asp-for="News" />Ja tack till nyhetsbrev</label>  
</fieldset>
```

Nyhetsbrev ☐ Ja tack till nyhetsbrev

Bli medlem! Återställ

```
public class Member  
{  
    //mer kod  
  
    public bool News { get; set; }  
}
```



# Radiobutton

```
@foreach (Course course in ViewBag.ListOfCourses)
{
    <input asp-for="CourseID" type="radio" value="@course.CourseID" />
    <label> @course.Name</label>
}
```

## Course List (från component)

☐ Math 101 ☐ English 101 ☐ Poetry 101 ☐ Programming 101

Save Course