

Kendo UI Complete for ASP.NET MVC

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Agenda

- ASP.NET MVC
- What is Kendo UI Complete for ASP.NET MVC?
- Get and add the bits
- Using the HTML Helpers

ASP.NET MVC

- **Created at Microsoft**
- **Model-View-Controller**
- **Built on top of ASP.NET Core**
- **No server controls**
- **Complete control over markup**
- **Out of band**
- **Open Source**

ASP.NET MVC HTML Helpers

- “Helper” methods
- Strongly typed

```
@model Models.Person
```

```
<h1>Person</h1>
```

```
@Html.LabelFor(x => x.FirstName)
```

```
@Html.EditorFor(x => x.FirstName)
```

No Magic Strings!

ASP.NET MVC HTML Helpers

- “Helper” methods
- Strongly typed
- Render markup

```
<h1>Person</h1>

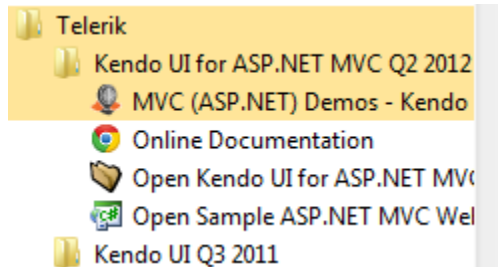
<label for="FirstName">First Name</label>
<input class="text-box single-line" id="FirstName"
  name="FirstName" type="text" value="" />
```

Kendo UI Complete for ASP.NET MVC

- **HTML Helpers for Kendo UI Web Widgets**
- **Built on top of Kendo UI and jQuery**
- **Web Forms & Razor**
- **Strongly typed**
- **Data annotations**
- **Templates**
- **Validation**
- **Authorization**

Downloading and Installing

- Download: KendoUI.com/download
- Run the MSI
- Start -> All Programs -> Telerik



Adding to an ASP.NET MVC Project

- Add reference to Kendo.Mvc.dll
- Add `<add namespace="Kendo.Mvc.UI" />` to Web.config
- Locate Kendo UI Complete for ASP.NET MVC directory in Explorer
- Copy \styles to \Content
- Copy \js to \Scripts
- “Include” the copied files in your project

Adding to an MVC 3 Project

- Reference Kendo UI scripts and styles

```
<!-- Kendo UI Styles -->
<link href="@Url.Content("~/Content/kendo.common.min.css")" rel="stylesheet" type="text/css"/>
<link href="@Url.Content("~/Content/kendo.default.min.css")" rel="stylesheet" type="text/css"/>
<link href="@Url.Content("~/Content/kendo.dataviz.min.css")" rel="stylesheet" type="text/css"/>

<!-- Kendo UI Scripts -->
<script src="@Url.Content("~/Scripts/jquery.min.js")"></script>
<script src="@Url.Content("~/Scripts/kendo.web.min.js")"></script>
<script src="@Url.Content("~/Scripts/kendo.dataviz.min.js")"></script>
<script src="@Url.Content("~/Scripts/kendo.aspnetmvc.min.js")"></script>
```

Adding to an MVC 4

- Register bundles (BundleConfig.cs)

```
// Kendo Script Bundle
bundles.Add(new ScriptBundle("~/bundles/kendo").Include(
    "~/Scripts/kendo.all.*",
    "~/Scripts/kendo.aspnetmvc.*"));

// Kendo CSS Bundle
bundles.Add(new StyleBundle("~/Content/kendo").Include(
    "~/Content/kendo.common.*",
    "~/Content/kendo.default.*"));
```

Adding to an MVC 4

- Register bundles (BundleConfig.cs)
- Render scripts (_Layout.cshtml or Site.Master)

```
<head>
    ...
    @Styles.Render("~/Content/kendo")
    @Scripts.Render("~/bundles/jquery")
    @Scripts.Render("~/bundles/kendo")
</head>
<body>
    ...
    @Scripts.Render("~/bundles/jquery")
    @RenderSection("scripts", required: false)
</body>
```

Adding to an MVC 4

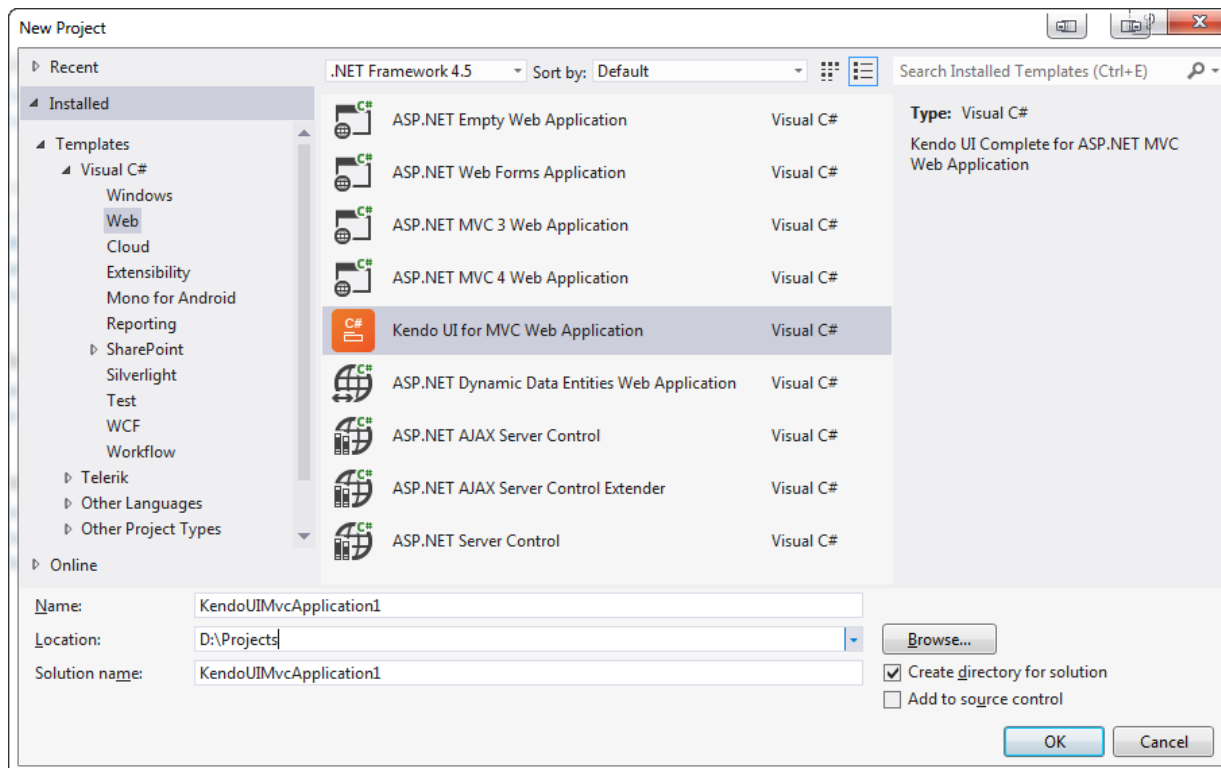
- Register bundles (BundleConfig.cs)
- Render scripts (_Layout.cshtml or Site.Master)

```
<head>
    ...
    @Styles.Render("~/Content/kendo")
    @Scripts.Render("~/bundles/jquery")
    @Scripts.Render("~/bundles/kendo")
</head>
<body>
    ...

    @RenderSection("scripts", required: false)
</body>
```

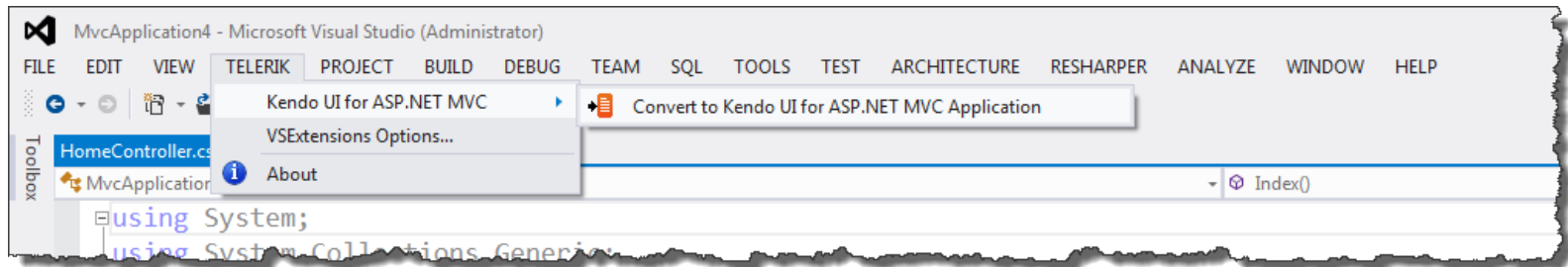
Visual Studio Extension

- VS2010: Tools -> Extension Manager
- VS2012: Tools -> Extensions and Updates
- Search “Kendo”
- Kendo UI project Template



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- VS2010: Tools -> Extension Manager
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- Kendo UI project Template
- Telerik menu – add Kendo UI to existing MVC app



Using the Kendo HTML Helpers

- `@Html.Kendo()`
- Configure by using dot-notation
- Name must always be configured

Summary

- Defined Kendo UI Complete for ASP.NET MVC
- Download and Install
- Include in ASP.NET MVC
- Using the Kendo HTML Helpers