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[illegible] MVVM [illegible] DotVVM [illegible].

DotVVM [illegible] Riganti sro [illegible] DotVVM [illegible] .NET [illegible] MVVM [illegible] C#, HTML [illegible] CSS [illegible] DotVVM [illegible] Visual Studio 2015 [illegible] Visual Studio 2017 [illegible] IntelliSense [illegible] Visual Studio Marketplace [illegible] DotVVM [illegible] DotVVM [illegible] .NET [illegible] DotVVM [illegible] Visual Studio 2017 [illegible] DotVVM [illegible]:

- [illegible] DotVVM Web Application (.NET Core) [illegible] .NET [illegible] DotVVM [illegible].

- [illegible] DotVVM Web Application (ASP.NET Core on .NET Framework) [illegible] NET

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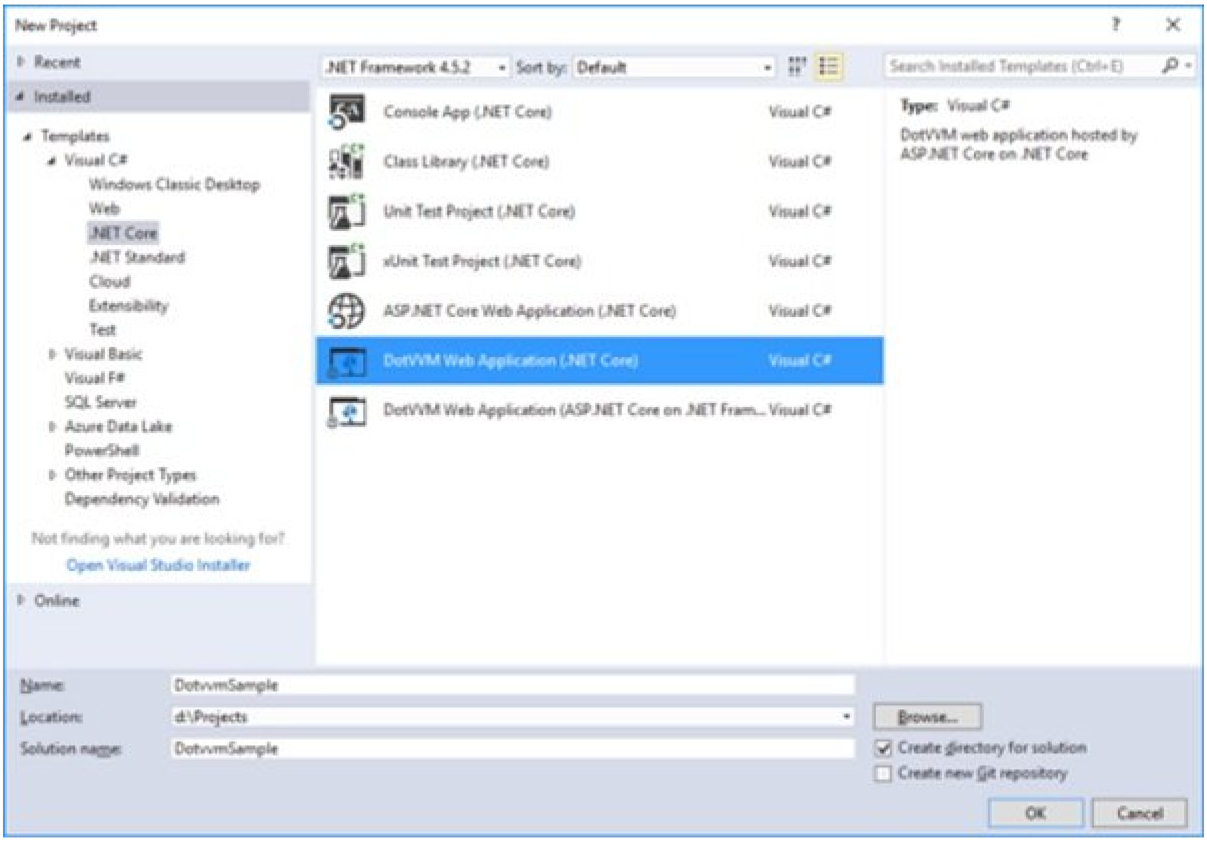
New Project
Recent
Installed
Templates
Visual C#
Windows Classic Desktop
Web
.NET Core
.NET Standard
Cloud
Extensibility
Test
Visual Basic
Visual F#
SQL Server
Azure Data Lake
PowerShell
Other Project Types
Dependency Validation
Not finding what you are looking for?
Open Visual Studio Installer
Online
.NET Framework 4.5.2
Sort by: Default
Search Installed Templates (Ctrl+E)
Console App (.NET Core) Visual C#
Class Library (.NET Core) Visual C#
Unit Test Project (.NET Core) Visual C#
xUnit Test Project (.NET Core) Visual C#
ASP.NET Core Web Application (.NET Core) Visual C#
DotVVM Web Application (.NET Core) Visual C#
DotVVM Web Application (ASP.NET Core on .NET Fram... Visual C#
Browse...
OK
Cancel

Type: Visual C#

DotVVM web application hosted by ASP.NET Core on .NET Core

Name: DotvvmSample

Location: d:\Projects

Solution name: DotvvmSample

☑ Create directory for solution

☐ Create new Git repository

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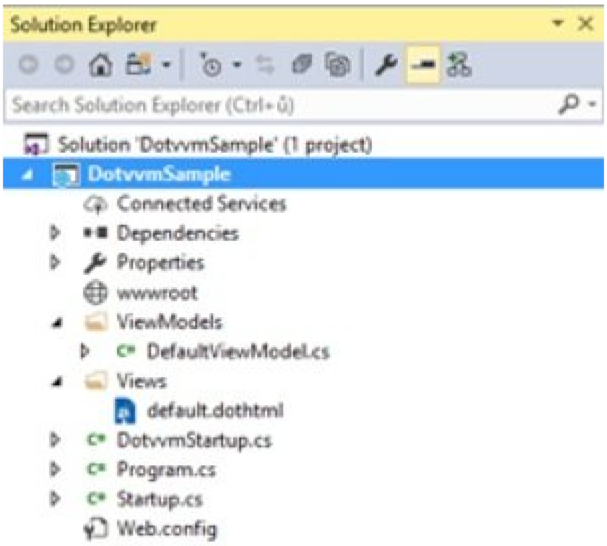

[illegible] 2

- Startup.cs [illegible] ConfigureServices [illegible] IServiceCollection [illegible] DotVVM [illegible] services.AddDotVVM [illegible] Configure [illegible] ASP.NET [illegible] DotVVM [illegible] HTTP [illegible] app.UseDotVVM<DotvvmStartup> [illegible].
- DotvvmStartup.cs [illegible] DotVVM [illegible] 1 [illegible] ConfigureRoutes [illegible]:

```
config.RouteTable.Add(“Default”, “”, “Views/default.dothtml”);
```

[illegible] 1

[illegible] DotVVM [illegible] Views/default.dothtml [illegible] Views [illegible] ViewModels [illegible] default.dothtml [illegible] DefaultViewModel.cs [illegible] DotVVM [illegible] DotVVM [illegible] Model-View-ViewModel (MVVM) [illegible] View [illegible] dothtml. [illegible] HTML [illegible].

ViewModel [illegible] C# [illegible]:

1. [illegible] TextBox [illegible] DotVVM [illegible] ViewModel [illegible] TextBox [illegible].

2. ViewModel [illegible] ([illegible]) [illegible] DotVVM [illegible].

[illegible]: [illegible]

[illegible] DotVVM [illegible] ViewModel [illegible]

[illegible]. [illegible] ([illegible]) [illegible] ([illegible] null [illegible]) [illegible].

```
public class TaskData
{
  public string Text { get; set; }

  public DateTime? CompletedDate { get; set; }
}
```

[illegible] 2

[illegible] DefaultViewModel [illegible].

```
// Stores the list of tasks
public List<TaskData> Tasks { get; set; } = new List<TaskData>();
```

[illegible] 3

[illegible] ViewModel [illegible]. [illegible] TextBox [illegible] Button [illegible] TextBox [illegible] ViewModel [illegible].

```
// Stores the text of a new task
public string NewTaskText { get; set; }

public void AddNewTask()
{
  Tasks.Add(new TaskData()
  {
    Text = NewTaskText
  });
  NewTaskText = string.Empty;
}
```

[illegible] 4

[illegible] AddNewTask [illegible] TaskData [illegible] NewTaskText [illegible]. [illegible] View [illegible]. [illegible] default.dothtml [illegible] @viewModel [illegible]. [illegible] DotVVM [illegible] ViewModel [illegible].

```
@viewModel DotvvmSample.ViewModels.DefaultViewModel, DotvvmSample
```

[illegible] <html> [illegible]. [illegible] <body> [illegible].

```
<h1>Task List</h1>
<div>
  <dot:TextBox Text=”{value: NewTaskText}” />
  <dot:Button Text=”Add Task” Click=”{command: AddNewTask()}” />
</div>
```

[illegible] 5

[illegible]

[illegible]

[illegible]

[illegible] <dot:TextBox> [illegible] <dot:Button> [illegible] HTML [illegible]. [illegible] Text [illegible] TextBox [illegible] {value: NewTaskText} [illegible] ViewModel [illegible]. DotVVM [illegible] HTML [illegible] (<input type=text> [illegible] <input type=button>) [illegible]. [illegible] DotVVM [illegible] Knockout [illegible] TextBox [illegible]:

```
<input type="text" data-bind="value: NewTaskText" />
```

[illegible] DotVVM [illegible] Knockout ViewModel [illegible] C# ViewModel JSON-serialized [illegible].

[illegible] TextBox [illegible] {value: …} [illegible] ViewModel [illegible].

[illegible] Button [illegible]. [illegible] ViewModel [illegible].

```
Click="{command: NewTask()}"
```

[illegible] Knockout ViewModel [illegible]. [illegible] ViewModel [illegible] Knockout ViewModel [illegible].

DotVVM [illegible]. [illegible] ViewModel [illegible]. [illegible] staticCommand [illegible] ViewModel [illegible].

[illegible] Repeater [illegible].

```
<dot:Repeater DataSource="{value: Tasks}">

  <p class-completed="{value: CompletedDate != null}">
    {{value: Text}}
  </p>

</dot:Repeater>
```

[illegible] 6

[illegible] ({{value: Text}}) [illegible]. [illegible] CompletedDate != null [illegible]. [illegible] DotVVM [illegible] CSS [illegible]

[illegible] CSS [illegible] CSS [illegible]:

```
class=”{value: CompletedDate != null ? “completed” : “”}”
```

[illegible] CSS [illegible]. [illegible] CSS [illegible]:

```
.completed {
  text-decoration: line-through;
}
```

[illegible] ViewModel [illegible]. (7 [illegible])

```
public void CompleteTask(TaskData task)
{
  task.CompletedDate = DateTime.Now;
}
```

7 [illegible]

[illegible] CompleteTask [illegible]. [illegible] ViewModel [illegible]. [illegible] Repeater [illegible]:

```
<dot:LinkButton Text=”Completed”
             Click=”{command: _root.CompleteTask(_this)}”
             Visible=”{value: CompletedDate == null}”/>
```

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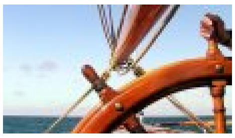

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[illegible] Repeater [illegible] Repeater [illegible] (TaskData [illegible]), [illegible] CompleteTask [illegible] _root.CompleteTask [illegible]. [illegible] TaskData [illegible] DefaultViewModel [illegible]. [illegible] _root [illegible] ViewModel [illegible]. [illegible] _this [illegible]. [illegible] _this [illegible] Repeater [illegible]. [illegible] _parent [illegible]. [illegible] Visible [illegible]. [illegible] Visible [illegible] DotVVM [illegible] CSS [illegible]. [illegible] CompletedDate [illegible] Literal [illegible]. DotVVM [illegible] .NET [illegible]:

```
<dot:Literal Text=”{value: CompletedDate}” FormatString=”yyyy/MM/dd” />
```

[illegible]

DotVVM [illegible]. [illegible]
ComboBox، CheckBox [illegible] RadioButton [illegible]. [illegible]
GridView [illegible] FileUpload [illegible] SpaContentPlaceHolder [illegible]
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DotVVM [illegible] .NET Framework [illegible] .NET Core [illegible]
[illegible] ASP.NET [illegible] ASP.NET MVC [illegible] Web API [illegible]. [illegible]
[illegible] DotVVM [illegible]. [illegible]. [illegible]
[illegible] REST API [illegible]. [illegible]
ViewModel ([illegible] GridView [illegible]) [illegible] REST API [illegible]
[illegible] ViewModel [illegible] REST API [illegible].

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