

# Setting up Your Site with Visual Studio 2017

---



**Gill Cleeren**

.NET ARCHITECT

@gillcleeren [www.snowball.be](http://www.snowball.be)



# Overview



**Exploring the project structure**

**Configuring the site**

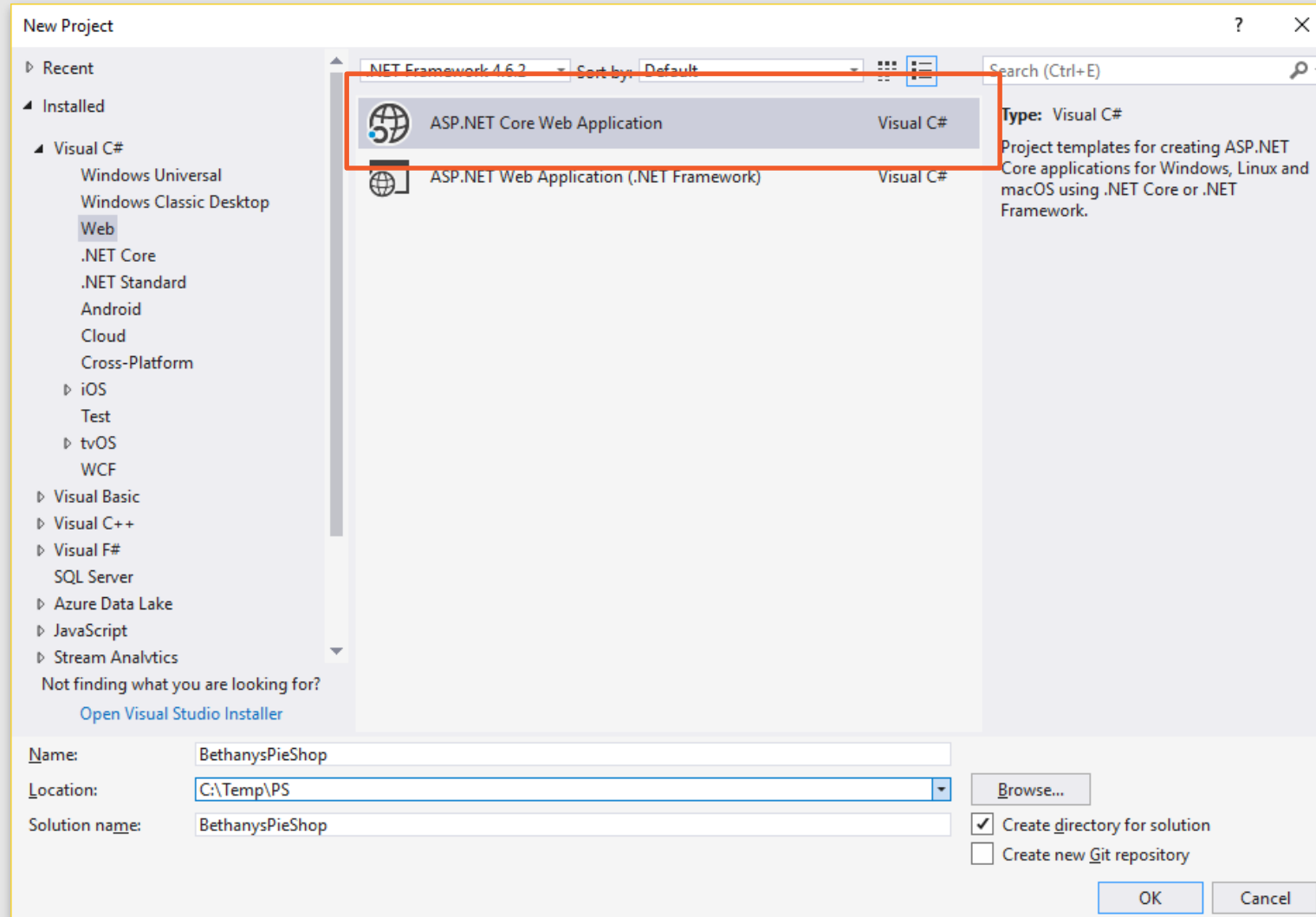


# Exploring the Project Structure

---




# Creating a New Project





# Available Project Templates


New ASP.NET Core Web Application - BethanysPieShop


.NET Core ASP.NET Core 2.2 [Learn more](#)


  
Empty


  
API


  
Web Application

  
Web Application (Model-View-Controller)

  
Razor Class Library

  
Angular

  
React.js

  
React.js and Redux

An empty project template for creating an ASP.NET Core application. This template does not have any content in it.  
[Learn more](#)

Author: Microsoft  
Source: SDK 2.2.101

Authentication: **No Authentication**  
[Change Authentication](#)

[Get additional project templates](#)

☐ Enable Docker Support (Requires [Docker for Windows](#))

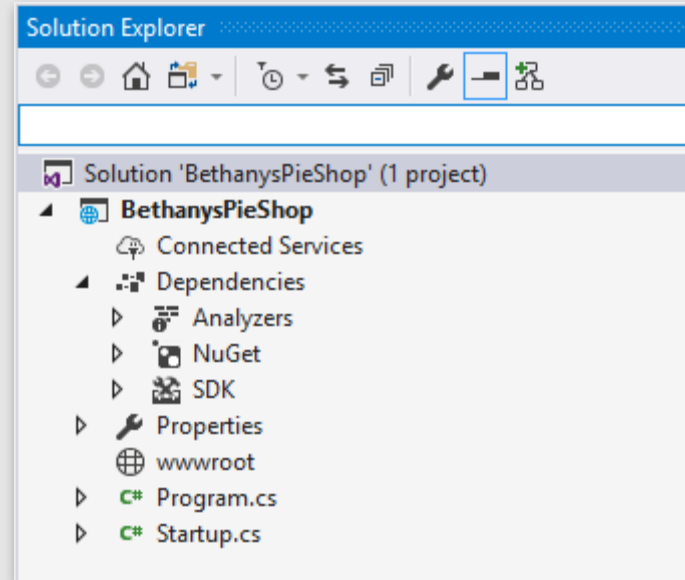
OS: Windows

☒ Configure for HTTPS

OK Cancel



# Project Structure



# Demo



**File → New Project**

**Exploring the new project**



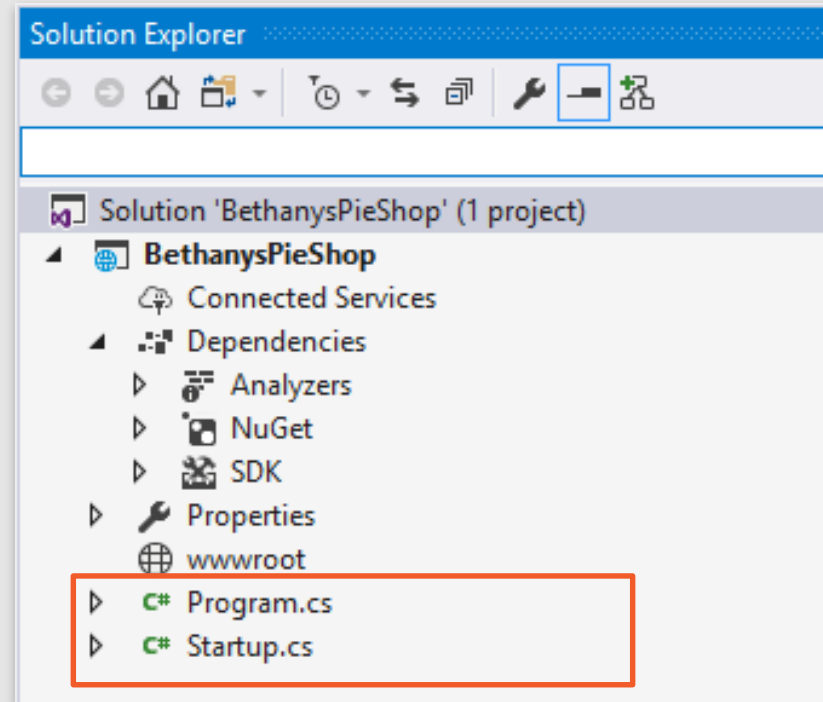
# Site Configuration

---





# Project Structure



# Program.cs

```
public class Program
{
    public static void Main(string[] args)
    {
        CreateWebHostBuilder(args).Build().Run();
    }

    public static IWebHostBuilder
        CreateWebHostBuilder(string[] args) =>
        WebHost.CreateDefaultBuilder(args)
            .UseStartup<Startup>();
}
```



# Startup.cs

```
public class Startup
{
    public void ConfigureServices(IServiceCollection services)
    {
        ...
    }

    public void Configure(IApplicationBuilder app,
        IHostingEnvironment env)
    {
        ...
    }
}
```



```
public void ConfigureServices(IServiceCollection services)
{
    //register framework services
    services.AddMvc();

    //register our own services (more later)
}
```

## ConfigureServices Method

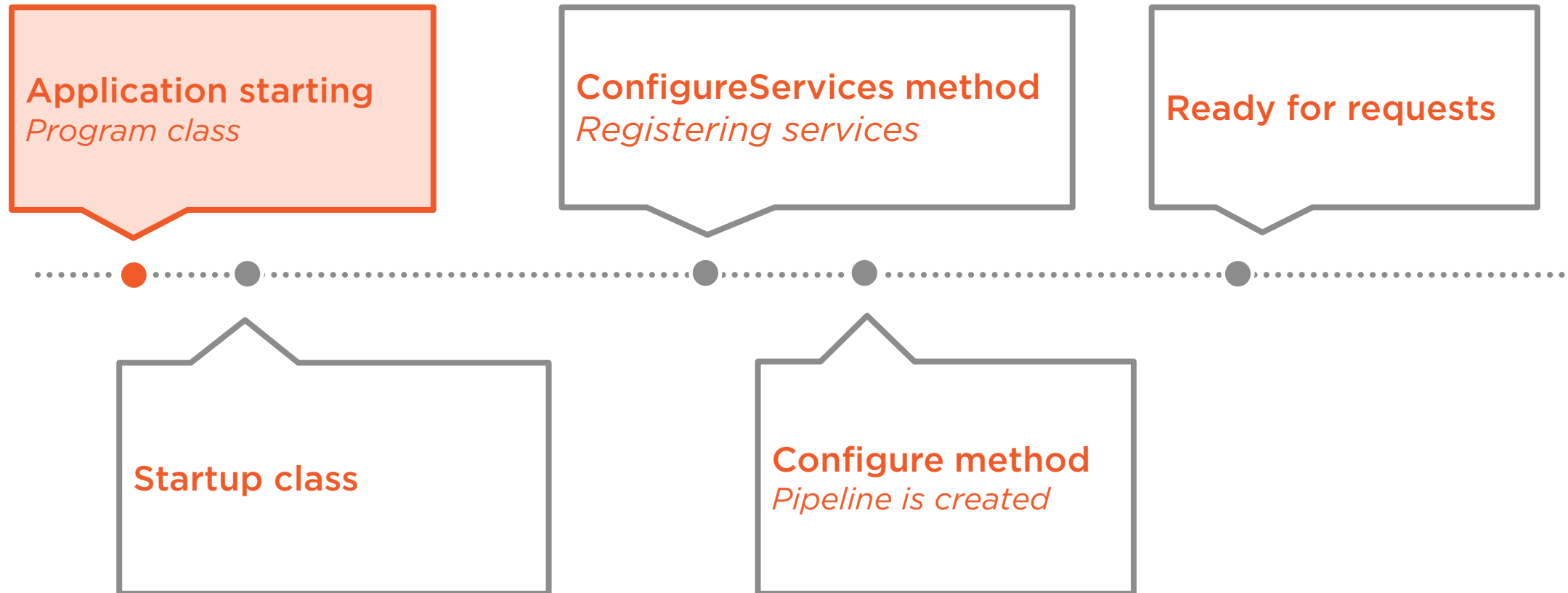


```
public void Configure(IApplicationBuilder app,  
    IHostingEnvironment env)  
{  
    app.UseDeveloperExceptionPage();  
    app.UseStatusCodePages();  
    app.UseStaticFiles();  
    app.UseMvcWithDefaultRoute();  
}
```

## Configure Method



# The Startup of the Application



# Demo



## Configuring the site



# Summary



**ASP.NET Core 2 MVC applications have a new project structure**

**Dependency injection is built-in**







**Up next:**  
Creating our first page

