Overview

Configuring multiple environments

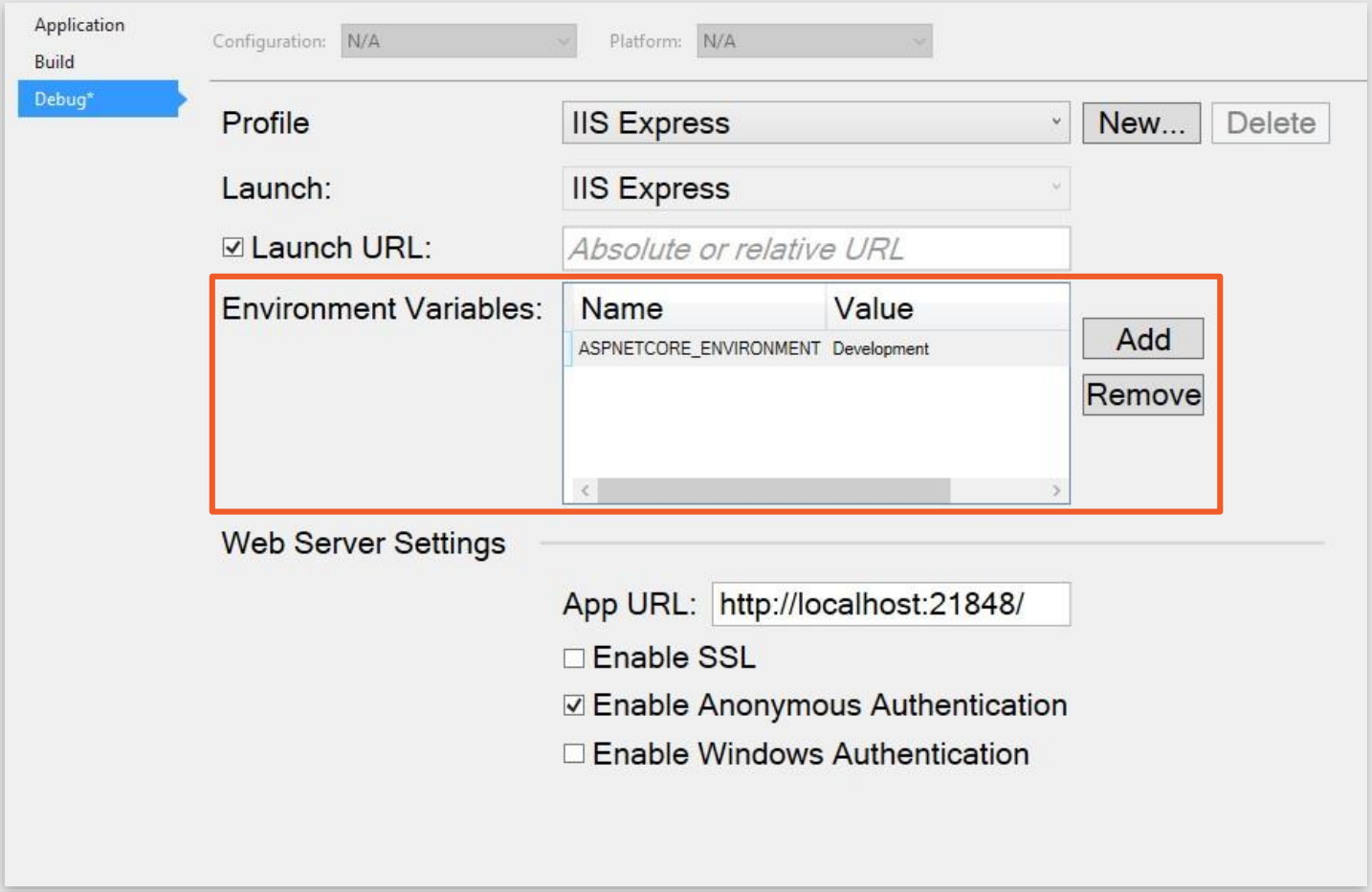
Deployment options

Deploying the site to Azure

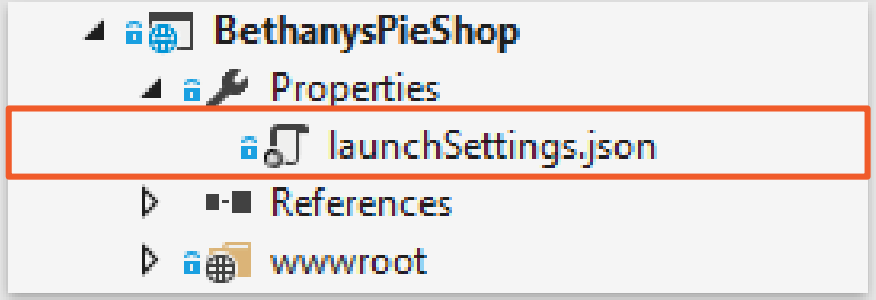
Configuring Multiple Environments

Default Environments

Managing Environments



launchSettings.json



IHostingEnvironment

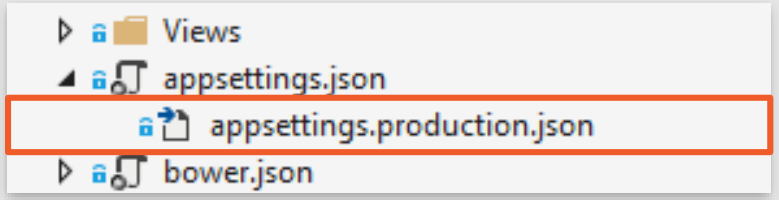
EnvironmentName

IsDevelopment()
IsStaging()
IsProduction()
IsEnvironment(environment)

Using IHostingEnvironment

```
public void Configure(IApplicationBuilder app,
  IHostingEnvironment env, ILoggerFactory loggerFactory)
{
    if(env.IsDevelopment())
    {
      app.UseDeveloperExceptionPage();
      app.UseDatabaseErrorPage();
    }
    else
    {
      app.UseExceptionHandler("/BethanyPieShopError");
    }
}
```

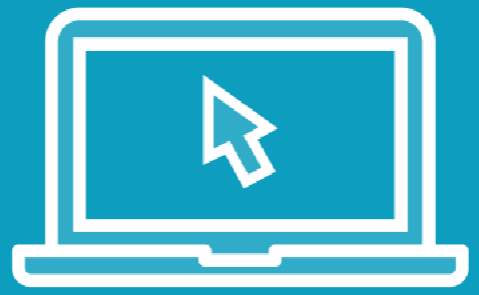
Environment App Settings



Environment App Settings

```
public Startup(IHostingEnvironment hostingEnvironment)
{
    _configurationRoot = new ConfigurationBuilder()
      .SetBasePath(Directory.GetCurrentDirectory())
      .AddJsonFile("appsettings.json")
      .AddJsonFile($"appsettings.
        {hostingEnvironment.EnvironmentName}.json", true)
      .Build();
}
```

Demo



Adding a different Error page

Configuring the environments

Deployment Options

Deployment Options

Azure

IIS

Docker

Linux

Deploying the Site to Azure

Azure Deployment

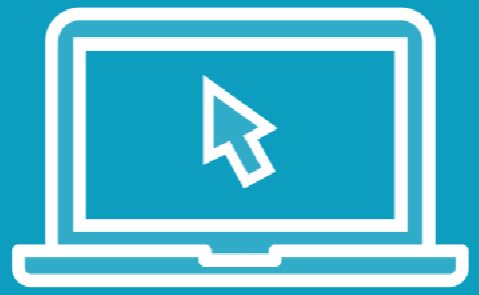
Account via portal.azure.com

Azure App Service

SQL Server database

Visual Studio Publish from Solution Explorer

Demo



Publishing the app using Visual Studio

Summary

Environments in ASP.NET Core MVC

Deployment to Azure App Service