

Overview



Configuring multiple environments

Deployment options

Deploying the site to Azure

Configuring Multiple Environments

Default Environments



Development

Staging

Production

Managing Environments

Application

Build

Debug*

Configuration: N/A Platform: N/A

Profile

IIS Express

New... Delete

Launch:

IIS Express

☒ Launch URL:

Absolute or relative URL

Environment Variables:

Name	Value
ASPNETCORE_ENVIRONMENT	Development

Add Remove

Web Server Settings

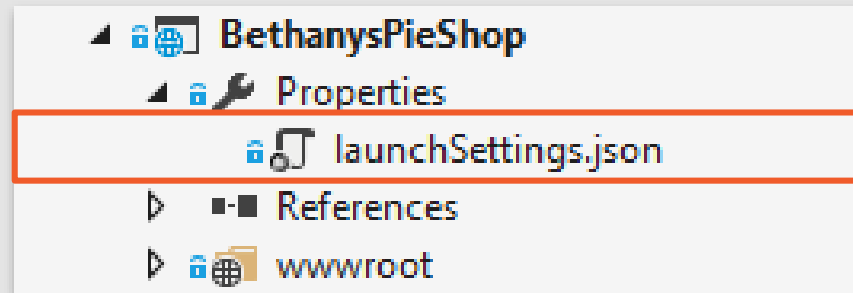
App URL: http://localhost:21848/

☐ Enable SSL

☒ Enable Anonymous Authentication

☐ Enable Windows Authentication

launchSettings.json



IHostingEnvironment

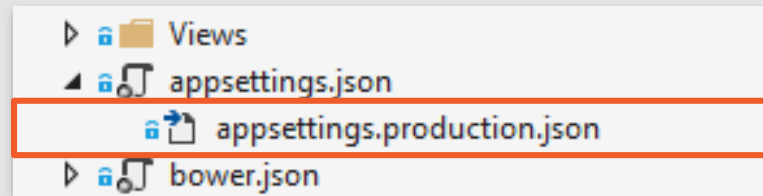
EnvironmentName

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");  
    }  
}
```

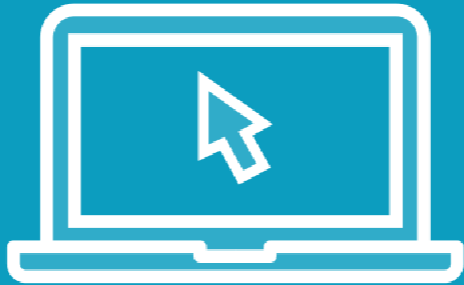
Environment App Settings



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

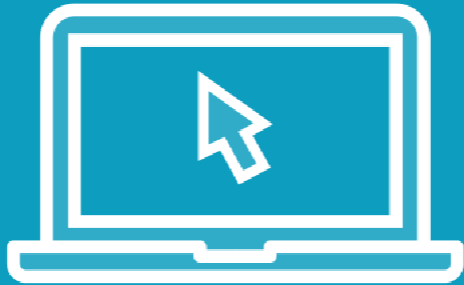
Account via portal.azure.com

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