

Deploying the Site to Azure



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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/

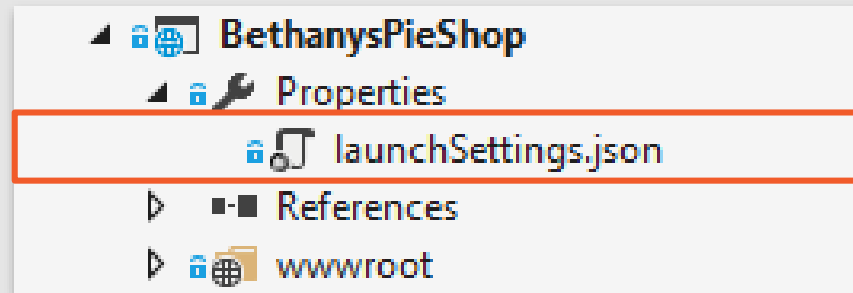
☐ Enable SSL

☒ Enable Anonymous Authentication

☐ Enable Windows Authentication



launchSettings.json



IHostingEnvironment

EnvironmentName

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

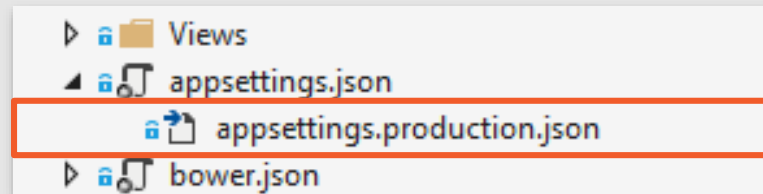


Using IHostingEnvironment

```
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

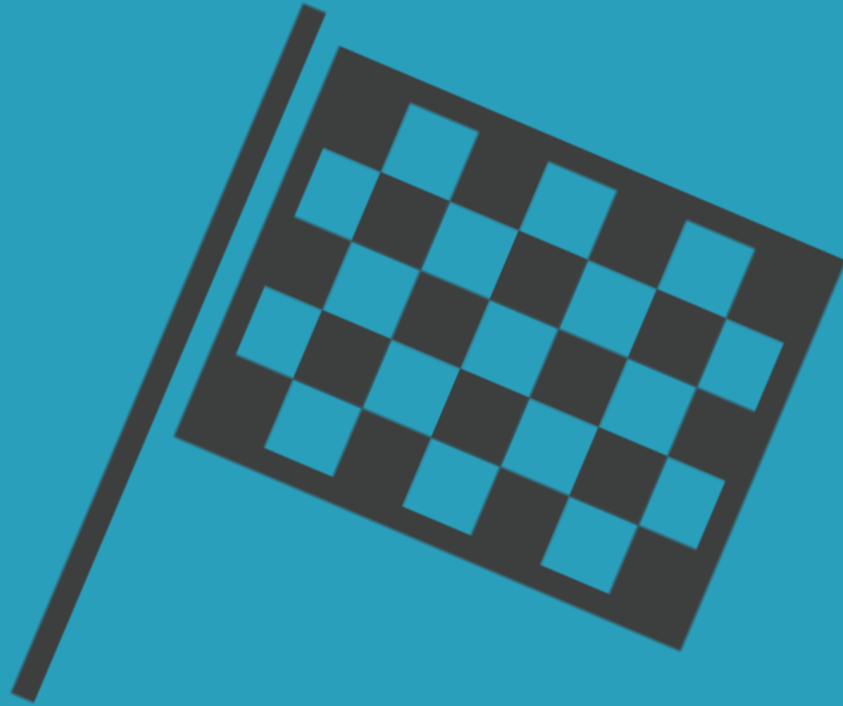


Summary



Environments in ASP.NET Core MVC
Deployment to Azure App Service





Congratulations!

