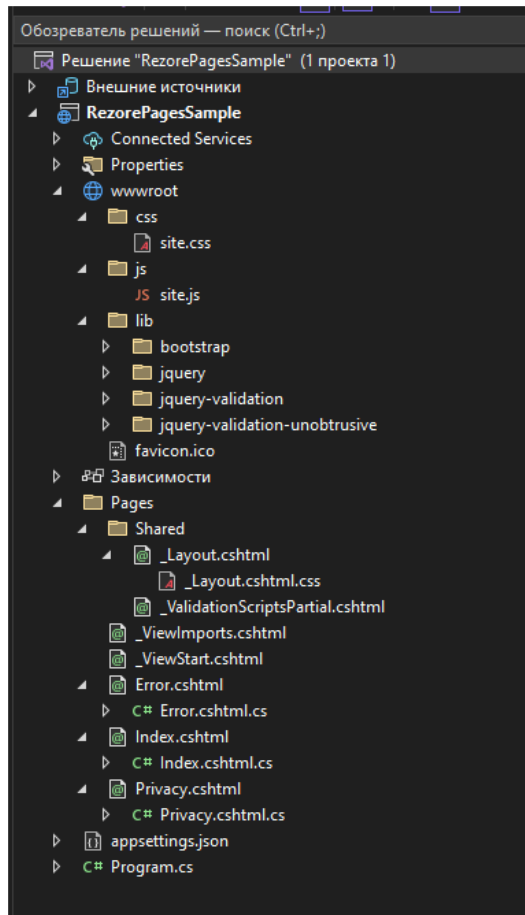


Razor Pages

ASP.NET Core

Структура



```
var builder = WebApplication.CreateBuilder(args);

// Add services to the container.
builder.Services.AddRazorPages();

var app = builder.Build();

// Configure the HTTP request pipeline.
if (!app.Environment.IsDevelopment())
{
    app.UseExceptionHandler("/Error");
}
app.UseStaticFiles();

app.UseRouting();

app.UseAuthorization();

app.MapRazorPages();

app.Run();
```

Шаблон Razor

```
@page
@model IndexModel
@{
    ViewData["Title"] = "Home page";
}

<div class="text-center">
    <h1 class="display-4">Welcome</h1>
    <p>Learn about <a href="https://docs.microsoft.com/a
    <p>@ViewData["Time"]</p>
</div>
```

```
using Microsoft.AspNetCore.Mvc;
using Microsoft.AspNetCore.Mvc.RazorPages;

namespace RezurePagesSample.Pages
{
    Ссылка: 8
    public class IndexModel : PageModel
    {
        Ссылка: 0
        private readonly ILogger<IndexModel> _logger;

        Ссылка: 0
        public IndexModel(ILogger<IndexModel> logger)
        {
            _logger = logger;
        }

        Ссылка: 0
        public void OnGet()
        {
            ViewData["Time"] = DateTime.Now.ToLongTimeString();
        }
    }
}
```

Больше шаблонизации

```
@page
@model PrivacyModel
@{
    ViewData["Title"] = "Privacy Policy";
}
<h1>@ViewData["Title"]</h1>

<p>Use this page to detail your site's privacy policy.</p>

@if(true)
{
    <p>true @(40 + 2)</p>
}

@if (false)
{
    <p>false</p>
}

@foreach(var i in Enumerable.Range(0, 5))
{
    <p>Hello @i</p>
}
```

Privacy Policy

Use this page to detail your site's privacy policy.

true 42

Hello 0

Hello 1

Hello 2

Hello 3

Hello 4

HTML-helpers

```
@page
@model PrivacyModel
@{
    ViewData["Title"] = "Privacy Policy";
}
<h1>@ViewData["Title"]</h1>

<p>Use this page to detail your site's privacy policy.</p>

@if(true)
{
    <p>true @(40 + 2)</p>
}

@if (false)
{
    <p>>false</p>
}

@{ Template("Hello", 7); }

@{
    void Template(string text, int count)
    {
        foreach (var i in Enumerable.Range(0, count))
        {
            <p>@text @i</p>
        }
    }
}
```

Privacy Policy

Use this page to detail your site's privacy policy.

true 42

Hello 0

Hello 1

Hello 2

Hello 3

Hello 4

Hello 5

Hello 6

Tag helpers

```
Erreor.cshtml Program.cs Index.cshtml Privacy.cshtml.cs Privacy.cshtml _ViewStart.cshtml ViewImports.cshtml X
using RezurePagesSample
@namespace RezurePagesSample.Pages
@addTagHelper *, Microsoft.AspNetCore.Mvc.TagHelpers
```

```
<header>
<nav class="navbar navbar-expand-sm navbar-toggleable-sm navbar-light bg-white border-bottom box-shadow"
<div class="container">
  <a class="navbar-brand" asp-area="" asp-page="/Index">RezurePagesSample</a>
  <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target=".navbar-collapse">
    Microsoft.AspNetCore.Mvc.TagHelpers.AnchorTagHelper
    TagHelper implementation targeting <a> elements.
  </button>
  <div class="navbar-collapse collapse d-sm-inline-flex justify-content-between">
    <ul class="navbar-nav flex-grow-1">
      <li class="nav-item">
        <a class="nav-link text-dark" asp-area="" asp-page="/Index">Home</a>
      </li>
      <li class="nav-item">
        <a class="nav-link text-dark" asp-area="" asp-page="/Privacy">Privacy</a>
      </li>
    </ul>
  </div>
</div>
</nav>
</header>
```

Custom tag helpers

```
using Microsoft.AspNetCore.Razor.TagHelpers;
using System.Net;

namespace RezorePagesSample.TagHelpers
{
    [HtmlElementTarget("a")]
    public class EmailTagHelper : TagHelper
    {
        private const string EmailDomain = "example.com";

        [HtmlAttributeTarget("mailto")]
        public string? MailTo { get; set; }

        public override async Task ProcessAsync(TagHelperContext context, TagHelperOutput output)
        {
            output.TagName = "a";

            if (string.IsNullOrEmpty(MailTo))
            {
                var content = await output.GetChildContentAsync();
                var address = (content.GetContent() + "@" + EmailDomain);
                output.Attributes.SetAttribute("href", "mailto:" + address);
                output.Content.SetContent(address);
            }
            else
            {
                var address = MailTo + "@" + EmailDomain;
                output.Attributes.SetAttribute("href", "mailto:" + address);
            }

            output.Attributes.SetAttribute("style", "color: blue; display: block;");
        }
    }
}
```

```
Debug Any CPU RezorePagesSample
rivity.cshtml _ViewStart.cshtml _ViewImports.cshtml Error.cshtml.cs EmailTagHelper.c

@using RezorePagesSample
@namespace RezorePagesSample.Pages
@addTagHelper *, Microsoft.AspNetCore.Mvc.TagHelpers
@addTagHelper *, RezorePagesSample
```

Результат

```
Imports.cshtml | Error.cshtml.cs | EmailTagHelper.cs | Private.cshtml
@page
@model IndexModel
@{
    ViewData["Title"] = "Home page";
}

<div class="text-center">
    <h1 class="display-4">Welcome</h1>
    <p>Learn about <a href="https://docs.microsoft.com">ASP.NET Core</a>.</p>
    <p>@ViewData["Time"]</p>

    <email>Support</email>
    <email mail-to="sales-department">Sales</email>
</div>
```

