

System.Web.Razor

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Kind: Service

Source: Pams/Core/Pams.Core/Pams.Core.csproj (line 1)

Part of: Pams

NuGet package dependency

`System.Web.Razor` is a NuGet package dependency declared by `Pams.Core.csproj`. It supplies Razor parsing and view-generation APIs for legacy ASP.NET components that compile or render Razor templates within the Pams.Core project.

Diagram

```
sequenceDiagram
    participant Project as Pams.Core.csproj
    participant NuGet as NuGet Restore
    participant Razor as System.Web.Razor
    participant App as ASP.NET Component

    Project->>NuGet: Restore package dependency
    NuGet->>Razor: Resolve System.Web.Razor assembly
    Razor-->>App: Expose Razor parsing APIs
    App->>Razor: Compile or render Razor template
```

Usage

```
// A browser client requests an ASP.NET endpoint whose response
// may be rendered by server-side Razor components.
async function loadRenderedView(path: string): Promise<string> {
    const response = await fetch(`/views/${encodeURIComponent(path)}`);

    if (!response.ok) {
        throw new Error(`View request failed: ${response.status}`);
    }
}
```

```
    return response.text();
}

loadRenderedView("dashboard")
    .then((html) => {
        document.querySelector("#content")!.innerHTML = html;
    })
    .catch((error) => {
        console.error(error);
    });
```

AI Coding Instructions

- Keep the `System.Web.Razor` package reference compatible with the legacy project format used by `Pams.Core.csproj`.
- Treat Razor rendering as server-side behavior; JavaScript clients should request rendered HTML through application endpoints.
- Check target framework compatibility before changing the package version or replacing Razor-related dependencies.
- Avoid mixing `System.Web.Razor` APIs with ASP.NET Core Razor APIs unless the project migration explicitly supports both.