

Microsoft.VisualStudio.Web.BrowserLink

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Kind: Service

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

Part of: Pams

NuGet package dependency

Microsoft.VisualStudio.Web.BrowserLink is a NuGet dependency in Pams.Web that supports Visual Studio Browser Link during local web development. It connects the running ASP.NET application and open browser sessions so development tools can trigger browser updates.

Diagram

```
sequenceDiagram
    participant Developer as Developer
    participant VS as Visual Studio
    participant App as Pams.Web Application
    participant Browser as Browser

    Developer->>VS: Start debugging
    VS->>App: Run application with Browser Link support
    Browser->>App: Request page
    App->>Browser: Return page and Browser Link client script
    VS->>Browser: Send development refresh command
    Browser->>Browser: Refresh displayed page
```

Usage

```
// Browser Link is configured by the ASP.NET host during local debugging.
// Client-side code continues to interact with the Pams.Web application normally.

async function loadDashboard() {
    const response = await fetch("/api/dashboard");
```

```

    if (!response.ok) {
        throw new Error("Unable to load dashboard data.");
    }

    return response.json();
}

loadDashboard().then((dashboard) => {
    console.log(dashboard);
});

// When debugging through Visual Studio, Browser Link can refresh the page
// after server-side or client-side changes.

```

AI Coding Instructions

- Treat `Microsoft.VisualStudio.Web.BrowserLink` as a development-time NuGet dependency for the `Pams.Web` project.
- Do not add Browser Link calls to application TypeScript or JavaScript; the ASP.NET and Visual Studio tooling manages the connection.
- Verify changes to the project file preserve the package reference and SDK-style project configuration.
- Test browser refresh behavior through the Visual Studio debug host rather than relying on production deployment behavior.

Used by

1 reference from 1 file. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Injected or called by (1)

- `Pams.Web` — `Pams/Web/Pams.Web/Pams.Web.csproj` :1