

Microsoft.AspNet.SignalR.SystemWeb

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Kind: Service

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

Part of: Pams

NuGet package dependency

Microsoft.AspNet.SignalR.SystemWeb is a NuGet package dependency for the legacy ASP.NET application defined in Pams.API.csproj . It provides SignalR integration with the System.Web hosting model so server hubs can maintain real-time connections with browser clients.

Diagram

```
sequenceDiagram
    participant Browser
    participant SignalRClient
    participant SystemWeb as ASP.NET System.Web
    participant Hub as SignalR Hub

    Browser->>SignalRClient: Start connection
    SignalRClient->>SystemWeb: Negotiate SignalR transport
    SystemWeb->>Hub: Route hub invocation
    Hub-->>SystemWeb: Publish message
    SystemWeb-->>SignalRClient: Send real-time update
    SignalRClient-->>Browser: Handle update
```

Usage

```
declare const $: any;

const connection = $.hubConnection("/");
const notificationsHub = connection.createHubProxy("notificationsHub");
```

```
notificationsHub.on("notificationReceived", (message: string) => {  
    console.log("Notification received:", message);  
});  
  
connection.start().done(() => {  
    notificationsHub.invoke("subscribe");  
});
```

AI Coding Instructions

- Treat this package as a server-side dependency for legacy ASP.NET projects that use `System.Web`.
- Configure SignalR hubs and routes in the ASP.NET application startup path before browser clients connect.
- Keep hub names and client event names aligned between server hub methods and JavaScript proxy calls.
- Use the SignalR browser client compatible with the server package version referenced by `Pams.API.csproj`.

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.API` — `Pams/API/Pams.API/Pams.API.csproj` :1