

Microsoft.Owin.Host.SystemWeb

August 17, 2026

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Kind: Service

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

Part of: Pams

NuGet package dependency

`Microsoft.Owin.Host.SystemWeb` connects an OWIN application pipeline to ASP.NET `System.Web` hosting under IIS. The package lets middleware registered during application startup handle requests that enter through the ASP.NET web application.

Diagram

```
sequenceDiagram
    participant Client
    participant IIS
    participant SystemWeb as ASP.NET System.Web
    participant OwinHost as Microsoft.Owin.Host.SystemWeb
    participant OwinApp as OWIN Application

    Client->>IIS: HTTP request
    IIS->>SystemWeb: Forward request
    SystemWeb->>OwinHost: Invoke OWIN host
    OwinHost->>OwinApp: Execute middleware pipeline
    OwinApp-->>OwinHost: HTTP response
    OwinHost-->>SystemWeb: Complete request
    SystemWeb-->>IIS: Return response
    IIS-->>Client: HTTP response
```

Usage

```
async function loadPamsData() {
    const response = await fetch("/api/pams");
}
```

```

    if (!response.ok) {
        throw new Error("The OWIN-hosted application returned an error.");
    }

    return response.json();
}

loadPamsData().then((data) => {
    console.log(data);
});

```

AI Coding Instructions

- Keep `Microsoft.Owin.Host.SystemWeb` referenced by the web project that runs under ASP.NET `System.Web` and IIS.
- Register OWIN middleware from the application startup path so the `System.Web` host can invoke the pipeline.
- Do not assume this package hosts applications outside IIS or ASP.NET `System.Web`.
- Check middleware ordering when adding authentication, routing, logging, or error handling.

Used by

3 references from 3 files. 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 (3)

- `Pams.API` — `Pams/API/Pams.API/Pams.API.csproj` :1
- `Pams.Business` — `Pams/Logic/Pams.Business/Pams.Business.csproj` :1
- `Pams.Web` — `Pams/Web/Pams.Web/Pams.Web.csproj` :1