

Microsoft.AspNet.Identity.Owin

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Kind: Service

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

Part of: Pams

NuGet package dependency

`Microsoft.AspNet.Identity.Owin` is a NuGet package dependency declared by the Pams.Security project. It connects ASP.NET Identity authentication components with the OWIN request pipeline so the application can create, validate, and access authenticated user identities.

Diagram

```
sequenceDiagram
    participant Client
    participant App as ASP.NET Application
    participant OWIN as OWIN Pipeline
    participant Identity as ASP.NET Identity

    Client->>App: Send authenticated request
    App->>OWIN: Process request
    OWIN->>Identity: Validate authentication cookie
    Identity-->>OWIN: Return user identity
    OWIN-->>App: Populate authenticated principal
    App-->>Client: Return protected response
```

Usage

```
// A frontend client sends requests to an ASP.NET application that
// authenticates requests through Microsoft.AspNet.Identity.Owin.

async function loadCurrentUser() {
    const response = await fetch("/api/account/current", {
```

```

        credentials: "include",
        headers: {
            Accept: "application/json",
        },
    });

    if (!response.ok) {
        throw new Error("Authentication is required.");
    }

    return response.json();
}

loadCurrentUser().then((user) => {
    console.log("Authenticated user:", user);
});

```

AI Coding Instructions

- Keep `Microsoft.AspNet.Identity.Owin` package references aligned with the ASP.NET Identity and OWIN package versions used by Pams.Security.
- Configure authentication middleware before endpoints that require an authenticated user.
- Access the authenticated principal from the OWIN or ASP.NET request context rather than trusting client-provided user identifiers.
- Preserve the legacy project package reference format when editing `Pams.Security.csproj` unless the project is intentionally migrated.