

Microsoft.Owin.Security.OpenIdConnect

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Kind: Service

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

Part of: Pams

NuGet package dependency

`Microsoft.Owin.Security.OpenIdConnect` is a NuGet dependency referenced by the Pams API project for OpenID Connect authentication in the OWIN middleware pipeline. It handles authentication challenges, identity-provider redirects, and processing of OpenID Connect sign-in responses before requests reach protected API endpoints.

Diagram

```
sequenceDiagram
    participant Client as JavaScript Client
    participant Api as Pams API
    participant Owin as OWIN OpenID Connect Middleware
    participant IdentityProvider as Identity Provider

    Client->>Api: Request protected endpoint
    Api->>Owin: Authentication challenge
    Owin->>IdentityProvider: Redirect for sign-in
    IdentityProvider->>Owin: OpenID Connect response
    Owin->>Api: Set authenticated principal
    Api->>Client: Return protected response
```

Usage

```
async function loadProtectedData(accessToken: string) {
    const response = await fetch("/api/protected-resource", {
        headers: {
            Authorization: `Bearer ${accessToken}`,
            Accept: "application/json",
```

```
    },  
    });  
  
    if (!response.ok) {  
        throw new Error(`Request failed: ${response.status}`);  
    }  
  
    return response.json();  
}
```

AI Coding Instructions

- Keep OpenID Connect middleware configuration in the API startup path where the OWIN authentication pipeline is registered.
- Match the client redirect URI and authentication settings with the configured identity provider values.
- Send access tokens through the `Authorization: Bearer` request header when calling protected API routes.
- Do not place identity-provider secrets, client secrets, or tokens in browser source code.

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