

Microsoft.Owin.Security.OAuth

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Kind: Service

Source: Pams/Logic/Pams.Business/Pams.Business.csproj (line 1)

Part of: Pams

NuGet package dependency

Microsoft.Owin.Security.OAuth is a NuGet package dependency declared in Pams.Business.csproj . It contains OWIN OAuth security components that a hosting application can reference to process authorization requests, validate credentials, and authenticate token-based requests.

Diagram

```
sequenceDiagram
    participant Client
    participant Host as OWIN Host
    participant OAuth as Microsoft.Owin.Security.OAuth
    participant Business as Pams.Business

    Client->>Host: Send protected request
    Host->>OAuth: Invoke OAuth middleware
    OAuth->>Business: Validate token or authorization request
    Business-->>OAuth: Return identity or authorization result
    OAuth-->>Host: Return authentication result
    Host-->>Client: Return response
```

Usage

```
async function requestAccessToken(username: string, password: string) {
    const response = await fetch("/token", {
        method: "POST",
        headers: {
            "Content-Type": "application/x-www-form-urlencoded",
```

```

    },
    body: new URLSearchParams({
        grant_type: "password",
        username,
        password,
    }),
});

if (!response.ok) {
    throw new Error("Token request failed");
}

const token = await response.json();

return token.access_token;
}

const accessToken = await requestAccessToken("user", "password");

const response = await fetch("/api/resource", {
    headers: {
        Authorization: `Bearer ${accessToken}`,
    },
});

```

AI Coding Instructions

- Treat `Microsoft.Owin.Security.OAuth` as a package dependency; OAuth middleware configuration belongs in the OWIN host startup code, not in the project file.
- Keep token validation and credential checks in the configured OAuth provider callbacks.
- Match the token endpoint path, grant type, and authentication scheme used by the hosting application.
- Do not expose client secrets, passwords, or access tokens in browser code, logs, or source control.

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.Security` — `Pams/Core/Pams.Security/Pams.Security.csproj` :1

- Pams.Business — Pams/Logic/Pams.Business/Pams.Business.csproj :1