

Microsoft.Owin.Security

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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` is a NuGet package dependency in the Pams API project that supports authentication and authorization middleware for OWIN-based requests. It participates in the API request pipeline by reading authentication data and setting the request identity used by protected endpoints.

Diagram

```
sequenceDiagram
    participant Client
    participant PamsAPI as Pams API
    participant OwinSecurity as Microsoft.Owin.Security
    participant Endpoint as Protected Endpoint

    Client->>PamsAPI: Send request with authentication data
    PamsAPI->>OwinSecurity: Process authentication middleware
    OwinSecurity->>PamsAPI: Set authenticated identity or reject request
    PamsAPI->>Endpoint: Invoke authorized endpoint
    Endpoint-->>Client: Return API response
```

Usage

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

```
});

if (!response.ok) {
    throw new Error(`Pams API request failed: ${response.status}`);
}

return response.json();
}
```

AI Coding Instructions

- Treat `Microsoft.Owin.Security` as a server-side dependency configured in the Pams API OWIN pipeline, not as a browser package.
- Send authentication credentials through the expected HTTP header format when calling protected Pams API endpoints.
- Keep authentication middleware registration before routes or middleware that require an authenticated identity.
- Check the installed package version and related OWIN packages in `Pams.API.csproj` before changing authentication configuration.