

Owin

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Kind: Service

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

Part of: Pams

NuGet package dependency

Owin is a NuGet package dependency declared by Pams.Security.csproj . It supplies OWIN interfaces used to connect security middleware to the application request pipeline in the legacy project format.

Diagram

```
sequenceDiagram
    participant Client
    participant Host as OWIN Host
    participant Security as Pams.Security Middleware
    participant App as Application

    Client->>Host: HTTP request
    Host->>Security: Invoke OWIN middleware
    Security->>Security: Evaluate security context
    Security->>App: Continue request pipeline
    App-->>Host: HTTP response
    Host-->>Client: HTTP response
```

Usage

```
async function loadProtectedResource(token: string) {
    const response = await fetch("/api/protected-resource", {
        headers: {
            Authorization: `Bearer ${token}`,
        },
    });
};
```

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

AI Coding Instructions

- Keep OWIN-related dependencies declared in `Pams.Security.csproj` with the existing legacy package reference style.
- Add security behavior through the OWIN middleware pipeline rather than handling authentication separately in each endpoint.
- Ensure middleware passes the request to the next OWIN component after security checks succeed.
- Verify client requests send the authentication headers expected by the OWIN security middleware.