

Microsoft.IdentityModel.JsonWebTokens

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Kind: Service

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

Part of: Pams

NuGet package dependency

`Microsoft.IdentityModel.JsonWebTokens` is a NuGet package dependency in the Pams API project for reading, creating, and validating JSON Web Tokens. The API uses it within authentication flows to inspect token claims and enforce token validation rules.

Diagram

```
sequenceDiagram
    participant Client
    participant API as Pams API
    participant JWT as Microsoft.IdentityModel.JsonWebTokens

    Client->>API: Request with Bearer token
    API->>JWT: Read and validate token
    JWT-->>API: Claims or validation failure
    API-->>Client: Authorized response or unauthorized response
```

Usage

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

if (!response.ok) {
  throw new Error("Request was not authorized");
}
```

```
const data = await response.json();  
console.log(data);
```

AI Coding Instructions

- Keep `Microsoft.IdentityModel.JsonWebTokens` configuration in the Pams API authentication pipeline rather than client-side code.
- Validate token issuer, audience, signing key, and expiry before accepting claims from a token.
- Treat token claims as untrusted until token validation succeeds.
- When updating the NuGet package reference in `Pams.API.csproj`, verify compatibility with the existing authentication and identity model packages.