

Microsoft.IdentityModel.Tokens

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Kind: Service

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

Part of: Pams

NuGet package dependency

Microsoft.IdentityModel.Tokens is a NuGet dependency referenced by Pams.API . It supplies token validation types and cryptographic key handling used when the API checks authentication tokens.

Diagram

```
sequenceDiagram
    participant Client
    participant API as Pams.API
    participant Tokens as Microsoft.IdentityModel.Tokens

    Client->>API: Request with Authorization bearer token
    API->>Tokens: Validate token signature and claims
    Tokens-->>API: Validation result
    API-->>Client: Authenticated response or authorization error
```

Usage

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

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

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

AI Coding Instructions

- Keep `Microsoft.IdentityModel.Tokens` configuration in the API authentication setup rather than in client-side code.
- Pass token validation parameters through the existing authentication pipeline.
- Ensure signing keys, issuers, and audiences match the identity provider configuration.
- Do not log bearer tokens, signing keys, or token validation details in API responses.