

Microsoft.Owin

August 17, 2026

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Kind: Service

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

Part of: Pams

NuGet package dependency

Microsoft.Owin is a NuGet package dependency declared by Pams.Core . It supplies OWIN types and middleware integration points for handling HTTP requests when Pams.Core runs under an OWIN-compatible host.

Diagram

```
sequenceDiagram
    participant Client
    participant Host as OWIN Host
    participant Middleware as Microsoft.Owin Middleware
    participant Core as Pams.Core

    Client->>Host: HTTP request
    Host->>Middleware: Create OWIN request context
    Middleware->>Core: Invoke application handling
    Core-->>Middleware: Response data
    Middleware-->>Host: Write HTTP response
    Host-->>Client: HTTP response
```

Usage

```
// JavaScript clients consume endpoints hosted through the OWIN pipeline.
const response = await fetch("/api/pams", {
  method: "GET",
  headers: {
    Accept: "application/json",
  },
},
```

```
});  
  
if (!response.ok) {  
  throw new Error(`Request failed: ${response.status}`);  
}  
  
const data = await response.json();  
console.log(data);
```

AI Coding Instructions

- Treat `Microsoft.Owin` as a .NET package dependency, not as a JavaScript runtime module.
- Keep OWIN request and response handling at the host or middleware boundary; pass application-specific work into `Pams.Core`.
- Match middleware registration and configuration with the OWIN host used by the application.
- Avoid introducing incompatible OWIN package versions without checking existing project references and host configuration.