

Serilog

August 18, 2026

Serilog

Kind: Service

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

Part of: Pams

NuGet package dependency

Serilog is a NuGet package dependency in Pams.API for writing structured application logs. It records request handling, operational events, and failures so API behavior can be inspected through configured logging outputs.

Diagram

```
sequenceDiagram
    participant Client
    participant API as Pams.API
    participant Serilog
    participant Sink as Log Sink

    Client->>API: Send API request
    API->>Serilog: Write structured log event
    Serilog->>Sink: Emit formatted log entry
    API-->>Client: Return API response
```

Usage

```
const response = await fetch("/api/pams/records", {
    method: "GET",
    headers: {
        Accept: "application/json",
    },
});

if (!response.ok) {
```

```
    throw new Error(`API request failed: ${response.status}`);  
  }  
  
  const records = await response.json();  
  console.log("Received Pams API response", { records });
```

Server-side handling of this request can write a structured Serilog event with request details, response status, and error information.

AI Coding Instructions

- Keep Serilog configuration in the API startup and dependency-registration path rather than creating logger instances inside request handlers.
- Write structured log properties instead of interpolating values into message text.
- Include request context, identifiers, and exception details when logging API failures.
- Avoid logging credentials, tokens, personal data, or other sensitive request values.
- Check the project package references and existing sink configuration before adding Serilog packages or changing log output behavior.

Used by

1 reference from 1 file. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Injected or called by (1)

- `Pams.API` — `Pams/API/Pams.API/Pams.API.csproj` :1