

itextsharp

August 18, 2026

itextsharp

Kind: Service

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

Part of: Pams

NuGet package dependency

itextsharp is a NuGet package dependency in Pams.Core for creating and reading PDF documents in the legacy project format. Code in the core project can use it when a workflow needs to generate, inspect, or modify PDF content.

Diagram

```
sequenceDiagram
    participant Client
    participant PamsCore as Pams.Core
    participant iTextSharp
    participant Pdf as PDF Document

    Client->>PamsCore: Request PDF operation
    PamsCore->>iTextSharp: Create or read document
    iTextSharp->>Pdf: Write or parse PDF content
    Pdf-->>iTextSharp: Document data
    iTextSharp-->>PamsCore: PDF result
    PamsCore-->>Client: Return PDF response
```

Usage

```
async function downloadReport(reportId: string): Promise<Blob> {
    const response = await fetch(`/api/reports/${reportId}/pdf`);

    if (!response.ok) {
        throw new Error("PDF generation failed");
    }
}
```

```
    return response.blob();
}

const pdf = await downloadReport("report-id");
const url = URL.createObjectURL(pdf);
window.open(url, "_blank");
```

AI Coding Instructions

- Treat `itextsharp` as a dependency of `Pams.Core`; keep PDF generation and parsing logic in the .NET project.
- Return generated PDF files from an API endpoint with an appropriate PDF content type.
- Dispose document streams, readers, and writers after PDF operations complete.
- Preserve compatibility with the legacy project format when changing package references or PDF-related code.

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.Core` — `Pams/Core/Pams.Core/Pams.Core.csproj` :1