

# Select.HtmlToPdf

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## Select.HtmlToPdf

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**Kind:** Service

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

**Part of:** Pams

NuGet package dependency

Select.HtmlToPdf is a NuGet package dependency in Pams.API for converting HTML content into PDF documents. The API can use it when an endpoint needs to return generated PDF output from server-side HTML.

## Diagram

```
sequenceDiagram
    participant Client
    participant PamsAPI as Pams.API
    participant HtmlToPdf as Select.HtmlToPdf

    Client->>PamsAPI: Request PDF document
    PamsAPI->>HtmlToPdf: Convert HTML to PDF
    HtmlToPdf-->>PamsAPI: PDF bytes
    PamsAPI-->>Client: application/pdf response
```

## Usage

```
const response = await fetch("/api/documents/pdf", {
  method: "POST",
  headers: {
    "Content-Type": "application/json",
  },
  body: JSON.stringify({
    html: "<h1>Document</h1><p>Generated by Pams.API.</p>",
  }),
});
```

```
if (!response.ok) {  
    throw new Error("PDF generation failed");  
}  
  
const pdfBlob = await response.blob();  
const pdfUrl = URL.createObjectURL(pdfBlob);  
  
window.open(pdfUrl, "_blank");
```

## AI Coding Instructions

- Keep `Select.HtmlToPdf` usage inside `Pams.API` ; browser clients should request PDF output through an API endpoint.
- Validate or sanitize HTML input before passing it to PDF conversion.
- Return generated files with an `application/pdf` content type and a suitable download filename when needed.
- Handle conversion failures in the API and return an error response instead of partial PDF content.

## 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