

HTML to Accessible PDF Converter- Appian Smart Service Plugin

HTML to Accessible PDF Converter

Easily convert your HTML content into accessible and structured PDF documents within Appian.

Key Features

Feature	Description
Convert HTML to PDF Instantly	Transform HTML document into accessible PDF documents directly within Appian.
Supports Multiple HTML Sources	Use new HTML content or existing Appian documents.
Generates Accessible PDFs	Creates PDFs that are accessibility-compliant and work with assistive technologies.
Custom Naming and Organization	Name and describe the PDF and save it in your chosen folder.
Error Handling with Transparency	Get clear feedback when issues occur during PDF generation.
Process Control on Failure	Decide whether to pause workflows when a problem is detected.

How It Works?

- Provide HTML document
- The system converts it into a properly accessible PDF.
- The PDF is saved in a selected folder.
- Any issues are reported and may pause the process based on configuration.

Technical Details (For Developers)

Libraries Used

- iText pdfHTML – Converts HTML/CSS to PDF.
- iText PDF/A Module – Ensures PDF/A standards for archival and accessibility.
- Apache PDFBox – Used for post-processing and accessibility verification.

Smart Service Parameters

Inputs

Name	Type	Description
HtmlDocument	Document	HTML content to convert. Ignored if an existing document is used.
CreateNewDocument	Boolean	If true, create a new PDF.
NewDocumentName	String	Name of the generated PDF.
NewDocumentDesc	String	Optional description of the document.
SaveInFolder	Folder	Folder to store the output PDF.
ExistingDocument	Document	An existing document that contains HTML content.

Control

Name	Type	Description
PauseOnError	Boolean	Whether to pause the process in case of an error.

Outputs

Name	Type	Description
ErrorOccurred	Boolean	True if any error occurred during PDF generation.
ErrorText	String	Describes the error for diagnostics or user feedback.
NewDocumentCreated	Document	Reference to the generated PDF document.