PDF to Word Converter (with Keyword Highlight)

README

Version 1.0

15/09/2021

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1. Introduction

This document contains all essential information for the user to make full use of PDF to Word Converter (with Keyword Highlight). It includes a description of the functions and capabilities and step-by-step Procedures for setup & configuration of the python package.

1.1 Overview

The PDF to Word Converter (with Keyword Highlight) Bot is designed to automatically find and highlight a text inside the target pdf and converting that into an editable word document for user's convenience.

- The python code is executed for the purpose of highlighting the keyword as well as conversion to word format.

Steps

Steps followed in the bot build:

- Select a PDF file - This file can be any type with .pdf extension

- Assign the variable for the text needed to be highlighted.

- Executing the python script for highlighting keyword on the search text.

- Provide the path for saving the highlighted PDF file in the output folder.

- Executing the python script for converting highlighted PDF file into a Word document as .docx file.

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1.2 Use cases

The key use cases include:

1   This Bot enables the fastest way to search a keyword and highlight

2   Any type of .pdf file can be used

3   Fairly good enough to convert a .pdf file to .docx file.

4   Reliable and Efficient

5   Time Saver

6   Easy to use

2   Requirements & Pre-requisites

2.1   System Requirements

A360 (Cloud deployed) and Community Edition device requirements.
Review the machine hardware specifications, operating system versions, and browser types supported by Automation Anywhere Enterprise for creating and running bots and command packages as an A360 (Cloud deployed) or Community Edition user on your local machine.

2.2   Prerequisites

1.   Automation 360 setup to run in your machine

2.   Bot creator license

3.   Python version 3.x

4.   Python packages – PyMuPDF, pdf2docx

3 Getting Started

3.1 Quick Start

Setup

- Install the Bot from Bot Store into your Control Room.

3.1.1 Configuration and Use

- Install Python.
    - Download link: https://www.python.org/downloads

    - Verify installation: https://docs.python.org/3/using/windows.html#from-the-command-line

- Package installation
    Execute the following commands
    ```
    pip install PyMuPDF
    pip install pdf2docx
    ```

Mainly used variables are listed below.

VARIABLES: The variables which used in the workflow				
Variable Name	Type	Mandatory	Purpose	Value
RootDirectory	String	Yes	Root directory where the Process related folders exist	C:\ProgramData\AutomationAnywhere\Bots\Highlight the text in pdf
scriptToconvert	String	Yes	Python Script used to highlight the keyword	from pdf2docx import parse\nparse("$OutputFile$", "$wordDoc$", start=0, end=None)
Keyword	String	Yes	The text which need to be highlighted	Text to be highlighted
Runlogpath	String	Yes	Path where the run log file is saved	$LogFolder$\RunLogPath.csv

4 Support & FAQs

4.1 Support

Free bots are not officially supported. You can get access to Community Support through the following channels:

- You can get access to Community Support, connecting with other Automation Anywhere customers and developers on APeople – the Bot Building Forum, the Bot Store Support Forum, or the Developers Everywhere Group.
- Automation Anywhere also provides a Product Documentation portal which can be accessed for more information about our products and guidance on Automation 360.

4.2 FAQs

Q: Can I make changes to this process/bot?

A: Absolutely. Free process/bots are for you to make use of, customize, and/or include in your builds as you see fit.

Q: Can I upgrade the packages for this bot?

A: Yes – but know that the bot was created/tested on a specific package version. Any modifications to that may result in unexpected outcomes – so make sure to test the bot/subtask after making any package version modifications.

For questions relating to Automation 360: See the Automation 360 FAQs

Appendix A: Record of Changes

No.	Version Number	Date of Change	Author	Notes
1.	1.0	15/09/2021	Jisha Rose	Version 1.0

Appendix B: References

No.	Topic	Reference Link
1	Overview of Enterprise A360	Click here
2	Guidance: Building basic A360 bots	Click here
3	Guidance: Building A360 action packages	Click here
4	APeople Community Forum	Click here
5	Automation Anywhere University	Click here