

PowerPoint Presentation - Custom Package

Readme

Version 2.4.1 07/03/2022

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1. Introduction

This document contains all essential information for the user to make full use of this A2019 *PowerPoint Presentation – Custom Package*. It includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the *PowerPoint Presentation – Custom Package*.

1.1 Overview

PowerPoint Presentation is a custom package created for automating actions in PowerPoint Presentation files. It includes 12 different actions such as Read Text, Split Slides, Add List, Add Footer, Append Slide, Change Slide Order, File Conversion, Copy Slide, Encrypt/Decrypt, Get Total Slides, Remove Slide, and Replace Text.

For example: In the Read Text action you need to pass the input ppt file path to read all text and get the result in a output string type variable.

1.2 Use cases

The key use cases include:

 Typically, the PPT custom package can be used in all the use cases that includes extracting or modifying data present in a PPT file.

2. Requirements & Prerequisites

2.1 System Requirements

Enterprise A2019 (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 Enterprise A2019 (Cloud deployed) or Community Edition user on your local machine.

2.2 Prerequisites

None

3. Getting Started

3.1 Quick Start

3.1.1 **Setup**

None

3.1.2 Configuration and Use

Actions:

1. Add Footer:

a. Add footer text, date, and page count on each slide in PowerPoint.

Powerpoint Presentation: Add Footer

Add footer text, date, and page number in PPT Required bot agent version: 20.11 or above A Input File Path Control Room file Desktop file Variable PT (x) Browse... Required extension: ".PPTX" Add Footer Text Footer Text Add Page Number Add Date

- b. Input:
 - i. File path of PPT

Assign the status to variable
prompt-assignment

Status: (Success/Error Details)

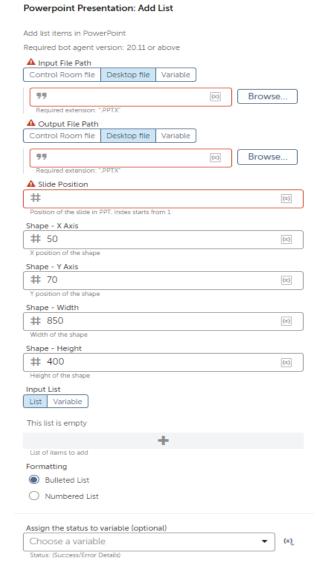
ii. Check boxes to select "Add Footer Text"," Add Page Number"," Add Date"

(x)

- iii. Footer text to add on the slides.
- c. Output:
 - i. The output text will be "Success", or it will hold the "Error Details".

2. Add List:

a. Add a list of text on the slide either in the bulleted or numbered format.



b. Input:

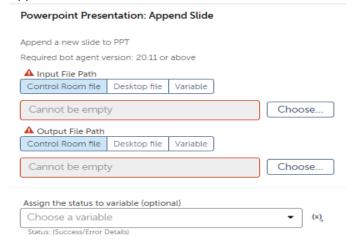
- i. Input File Path
- ii. Output File Path
- iii. Slide Position. (Index starts from 1)
- iv. Shape X, Y, Width, and Height
- v. List to add
- vi. Formatting Either Bulleted or Numbered.

c. Output:

i. The output text will be "Success", or it will hold the "Error Details".

3. Append Slide:

a. Append a new slide to the end of the PPT



- b. Input:
 - i. Input File Path
 - ii. Output File Path
- c. Output:
 - i. The output text will be "Success", or it will hold the "Error Details".

4. Change Slide Order:

a. Change the order of the slide in PPT

Powerpoint Presentation: Change Slide Order

Change order of the slide in PPT Required bot agent version: 20.11 or above ▲ Input File Path Control Room file Desktop file Variable Cannot be empty Choose... Output File Path Control Room file Desktop file Variable Cannot be empty Choose... ▲ Current Slide Position (x) Index starts from 1 New Slide Position (x) Index starts from 1 Assign the status to variable (optional) Choose a variable

- b. Input:
 - i. Input File Path

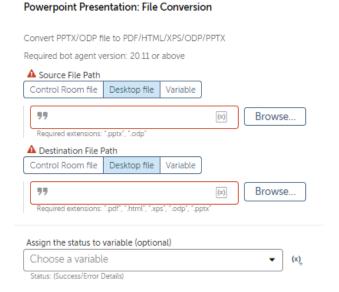
Status: (Success/Error Details)

ii. Output File Path

- iii. Current Slide Position
- iv. New Slide Position
- c. Output:
 - i. The output text will be "Success", or it will hold the "Error Details".

5. File Conversion:

a. Convert PPTX/ODP files to PPTX/ODP/HTML/PDF/XML formats



- b. Input:
 - i. Input File Path (PPTX/ODP)
 - ii. Output File Path (PDF/HTML/XPS/ODP/PPTX)Note: Input file extension should not be same as the output file extension
- c. Output:
 - i. The output text will be "Success", or it will hold the "Error Details".

6. Copy Slide:

a. Copy slide from the source PPT and paste it on the given position in the destination PPT file.

Copy slide from the source PPT to destination PPT Required bot agent version: 20.11 or above A Source File Path Control Room file Desktop file Variable (30) Browse.. Required extension: ".PPTX" Destination File Path Control Room file Desktop file (x)Browse... Required extension: ".PPTX" ▲ Source Slide Position (x) Index starts from 1 Copy Mode Append O Insert Assign the status to variable (optional) Choose a variable (x) Status: (Success/Error Details)

b. Input:

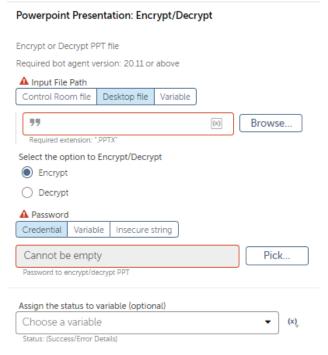
- i. Source File Path
- ii. Destination File Path

Powerpoint Presentation: Copy Slide

- iii. Source Slide Position
- iv. Copy Mode Either Append or Insert at a specific position
- c. Output:
 - i. The output text will be "Success", or it will hold the "Error Details".

7. Encrypt/Decrypt:

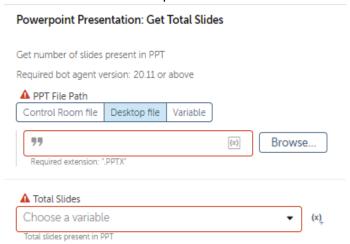
a. Encrypt or Decrypt PPT file



- b. Input:
 - i. Input File Path
 - ii. Encrypt/Decrypt Option (Radio Button)
 - iii. Password
- c. Output:
 - i. The output text will be "Success", or it will hold the "Error Details".

8. Get Total Slides:

a. Get total number of slides present in PPT



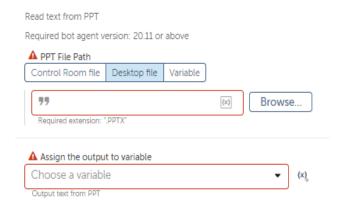
- b. Input:
 - i. PPT File Path

- c. Output:
 - i. Return total slides in PPT (Number)

9. Read Text:

a. Read text from PPT (Read text from smart art, shapes, and table objects)

Powerpoint Presentation: Read Text

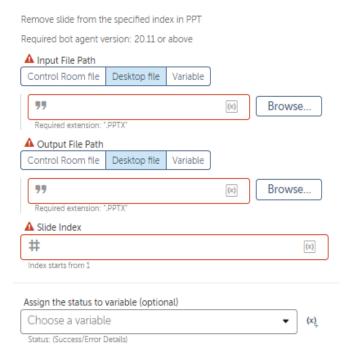


- b. Input:
 - i. PPT File Path
- c. Output:
 - i. Returns text from PPT

10. Remove Slide:

a. Remove slide located on the given position in PPT

Powerpoint Presentation: Remove Slide



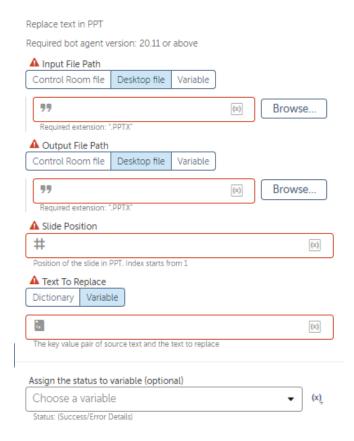
b. Input:

- i. Input File Path
- ii. Output File Path
- iii. Slide Index. (Index starts from 1)
- c. Output:
 - i. The output text will be "Success", or it will hold the "Error Details".

11. Replace Text:

a. Find and replace the given text in PPT

Powerpoint Presentation: Replace Text

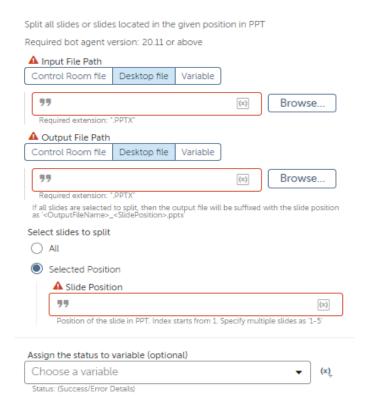


- b. Input:
 - i. Input File Path
 - ii. Output File Path
 - iii. Slide Position (To remove)
 - iv. Text To Replace (Dictionary holding key value pairs in which all the keys are found and replaced with the values)
- c. Output:
 - i. The output text will be "Success", or it will hold the "Error Details".

12. Split Slides:

a. Split slides and create a separate PPT file for each/group of slides.

Powerpoint Presentation: Split Slides



b. Input:

- i. Input File Path
- ii. Output File Path
- iii. Option to split -
 - All Split all slides in the PPT and create a separate file for each slide in the output directory with the naming convention as "<OutputFileName>_<SlidePosition>.pptx".
 - 2. Selected Position Split slides based on the given position and create a new output file. Multiple slide range can be provided as "1-5".

c. Output:

i. The output text will be "Success", or it will hold the "Error Details".

o For Configuring the Bot –

INPUT VARIABLES: Input Variables to be mentioned in this Table				
Variable Name	Туре	Mandatory	Purpose	Example Input
PPTInputFilePath	Text	Yes	Input File Path Format – FullPath\Filename. Extension	C:\Users\Public\Documents\ InputFile.pptx
PPTOutputFilePath	Text	Yes	Output File Path Format — FullPath\Filename. Extension	C:\Users\Public\Documents\ OutputFile.pptx
PPTSplitSlidesOutput	Text	Yes	Split File Directory Format – FullPath\	C:\Users\Public\Documents\SplitSlides\

OUTPUT VARIABLES: Output Variables to be mentioned in this Table.				
Variable Name	Туре	Mandatory	Purpose	Example Output
Text	Text	Yes	Output Text from Read Text Action	
TotalSlides	Number	Yes	Output from Get Total Slides Action	

After configuring the variables, the user can run the bot to see how each action works.

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 <u>APeople</u> the <u>Bot Building Forum</u>, the <u>Bot Store Support Forum</u>,
 or the <u>Developers Everywhere Group</u>.
- Automation Anywhere also provides a <u>Product Documentation portal</u> which can be accessed for more information about our products and guidance on <u>Enterprise A2019</u>.

4.2 FAQs

For questions relating to Enterprise A2019: See the Enterprise A2019 FAQs.

Appendix A: Record of Changes

No.	Version Number	Date of Change	Author	Notes
1	2.4.1-20220307- 123145	03/07/2022	R C Murali Krishna	Custom PowerPoint Package with 12 basic actions.

Appendix B: References

No.	Topic	Reference Link
1	Overview of Enterprise A2019	Click <u>here</u>
2	Guidance: Building basic A2019 bots	Click <u>here</u>
3	Guidance: Building A2019 action packages	Click <u>here</u>
4	APeople Community Forum	Click <u>here</u>
5	Automation Anywhere University	Click <u>here</u>