Automation 360 – Get File and Folder Information Bot

Readme

Version 1.0

5/4/2021

Table of Contents

1. Introduction

This document contains all essential information for the user to make full use of this Get File and Folder Information Bot. It includes the description of the functions and capabilities and step-by-step procedure for setup & configuration of the bot.

1.1 Overview

Get File and Folder information Bot can be used to get the details about a specific file or a folder. It is very useful for string operations and while working with files and folders.

1.2 Use cases

The key use cases include:

- File Management
- String operations

2. Requirements & Prerequisites

2.1 System Requirements

Below are the minimum system requirements for running bots as an Enterprise Automation 360 (Cloud deployed) user on your local machine.

Hardware Requirements

Device	Processor	RAM	Storage (Free Space)	Network
Machine	Intel Core i5 2.6 GHz	4 GB minimum 8 GB recommended	32 GB	1 GbE
Bot Creator and Bot Runner	No additions to the machine requirements	No additions to the machine requirements	Add 100 through 150 KB per Automation Anywhere script Add 40 through 50 GB per long-term project	No additions to the machine requirements

Browser Requirements

The user interface for Automation Anywhere Enterprise is through a browser. Login to your device then login to Enterprise Control Room through a browser.

Browser	Browser Version	Automation Anywhere plug-in version[2]	Supported bot functions by Bot agent version		
Google Chrome[1]	57 or later	11 or 12	2.0.2	1.0.2	1.0.1
Microsoft Internet Explorer	11	N/A	None	Debugger only	All except Credential Vault

(1) Google Chrome re-verification

> **CAUTION:** Google Chrome requires re-verification of permissions when the Automation Anywhere Google Chrome extension (Version 11.3.3 or later) is updated. If prompted, click **Enable this item** in the Google Chrome message. Alternatively, re-enable the extension through chrome web store. Similarly, if you are deploying your Bot Runners from a master image, accept the permission from within that image.

(2) Google Chrome plug-in versions

Automation 360 supports Chrome plug-in version 11. If you have other versions installed, you might not be able to record tasks using the **Record** feature or **Capture** action. To resolve this issue, do the following:

1. Rename the automation.chrome.agent registry key to automation.chrome.agent.old. The registry key is available at: Computer\HKEY_CURRENT_USER\Software\Google\Chrome\NativeMessagingHosts
2. Disable all other Google Chrome plug-in versions you have installed, except for version 11.

2.2   Prerequisites

- Automation 360 setup to run in your machine.

- .Net Framework 4.6.1 or above installed

3.   Getting Started

3.1   Quick Start

3.1.1   Setup

- Install the Bot from Bot Store into your Control Room
- Navigate to Automation 360 - Get File and Folder information – Automation Anywhere folder within the Bot Store folder to examine the installed bot.
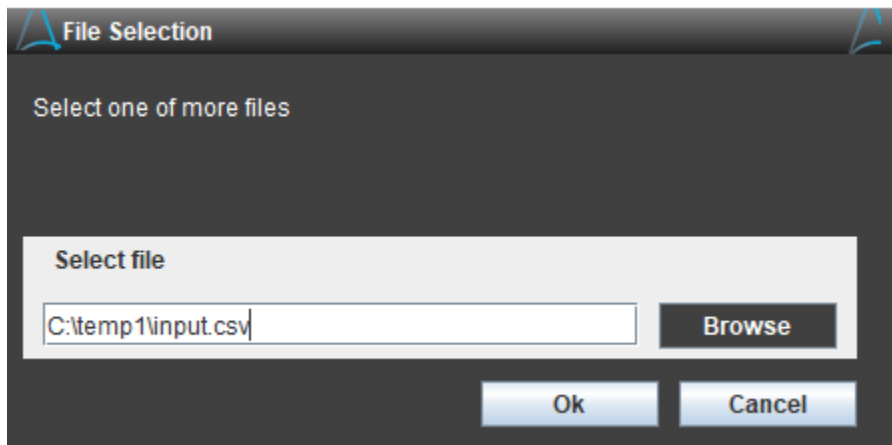
3.1.2   Configuration and Use

If a Function's input parameter name is "sFilePath" then pass a valid path including file name and pass valid folder path to parameter named as "sFolderPath".

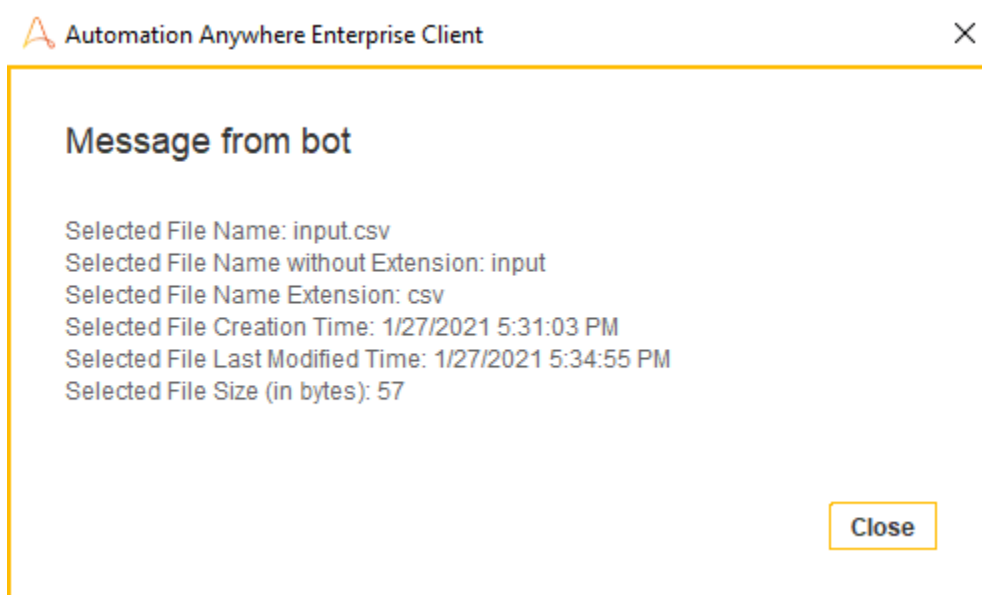| Function	Inputs	Output	Comments
GetFileName	String – sFilePath	String – File Name including extension	Returns file name including extension from the provided file path.
GetFileNameWithoutExtension	String – sFilePath	String – File Name excluding extension	Returns file name excluding extension from the provided file path.
GetExtension	String – sFilePath	String – File extension	Returns file extension from the provided file path.
GetFolderPath	String – sFilePath	String – Folder path for the input file	Returns file's folder path excluding file's name.
GetCreationDateTime	String – sFilePath/ sFolderPath	String – Creation date time of either file or folder	Returns creation date time of provided file or folder path.
GetModificationDateTime	String – sFilePath/ sFolderPath	String – Modification date time of either file or folder	Returns last modified date time of provided file or folder path.
GetFileSizeInBytes	String – sFilePath	String – File's size in Bytes	Returns file's size in Bytes.
GetSubFoldersCount	String – sFolderPath	String – Count of sub folders	Returns Count of sub folders within passed folder path.
GetFilesCount	String – sFolderPath	String – Count of files within the folder	Returns count of files within provided folder path.

Run the path and provide the input file or folder path to get the required information as shared in the table above.

V11 version of this bot is available here: https://botstore.automationanywhere.com/bot/files-and-folders-information

Reference Input Screenshots for getting the file information:

File Selection

Select one of more files

Select file

C:\temp1\input.csv

Browse

Ok   Cancel

Output:

Automation Anywhere Enterprise Client   ×

Message from bot

Selected File Name: input.csv
Selected File Name without Extension: input
Selected File Name Extension: csv
Selected File Creation Time: 1/27/2021 5:31:03 PM
Selected File Last Modified Time: 1/27/2021 5:34:55 PM
Selected File Size (in bytes): 57

Close

Reference screenshot for getting folder information:

Folder Selection

Select a Folder

Select folder

| C:\temp1 | **Browse** |

| **Ok** | **Cancel** |
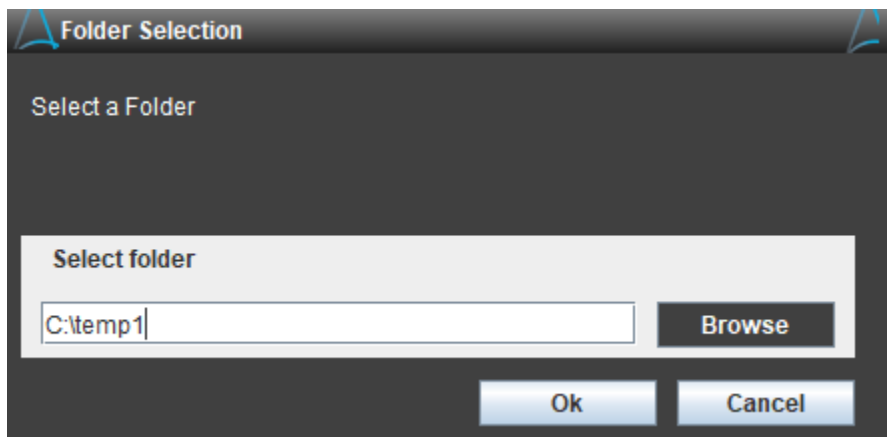
Folder structure:

> This PC > Local Disk (C:) > temp1

Name	Date modified	Type	Size
Input	1/27/2021 6:33 PM	File folder	
Output	1/27/2021 6:34 PM	File folder	
POFLetterGen	1/26/2021 10:27 PM	File folder	
t	5/4/2021 7:26 AM	File folder	
feedback.csv	1/27/2021 5:30 PM	Text Document	0 KB
input	1/27/2021 5:34 PM	Microsoft Excel C...	1 KB
TestImage	11/24/2020 12:30 PM	PNG File	7 KB

Output:

Automation Anywhere Enterprise Client   ✕

Message from bot

Folder path Selected: C:\temp1
Files Count: 3
Sub folder Count: 4
Output Folder Creation Time: 11/24/2020 12:28:58 PM
Output Folder Modified Time: 5/4/2021 7:26:57 AM

Close
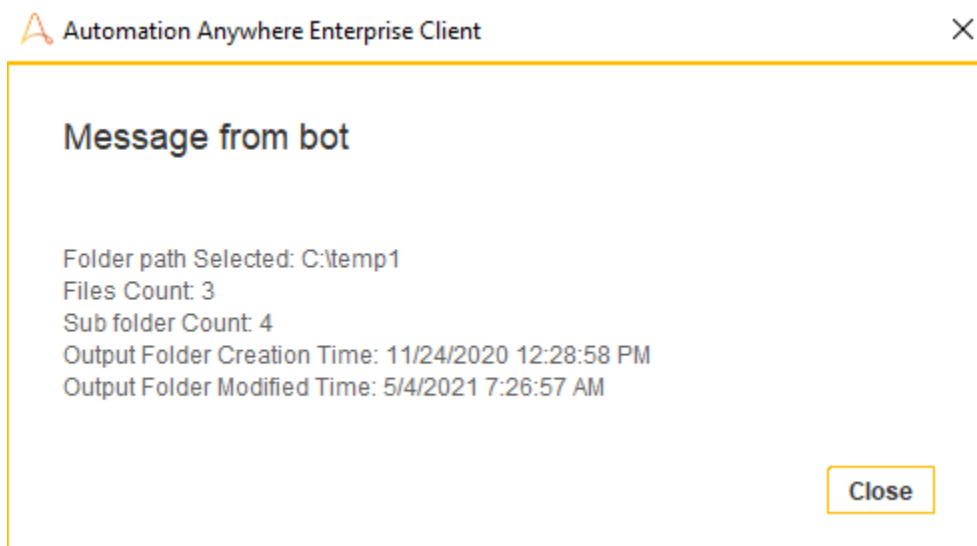
4. Support & FAQs

4.1 Support

Free bots and packages 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 bot?

A: Absolutely. Free 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	1.0.0.0	5/4/2021	Arjun S Meda	Initial version of Bot

Appendix B: References

No.	Topic	Reference Link
1	Overview of Automation 360	Click here
2	Guidance: Building basic Automation 360 bots	Click here
3	Guidance: Building Automation 360 action packages	Click here
4	APeople Community Forum	Click here
5	Automation Anywhere University	Click here