



# **A2019 Search And Replace Excel Data Readme**

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**Version 1.0  
03/01/2020**

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# 1. Introduction

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

## 1.1 Overview

This utility can be used to search data string in excel and replace with new string. The utility is a A2019 bot wrapper around a .Net DLL component. The parameters can be set to define the scope of the search and replace. it can be entire workbook/sheet/range. Also we can search by value or formula.

## 1.2 Use cases

The key use cases for this bot include:

- Easy to search and replace string in excel
- Define scope as entire workbook or entire sheet or given range
- Define search in values or search in formulas

## 2. Requirements & Prerequisites

### 2.1 System Requirements

Below are the minimum system requirements for running bots as an Enterprise A2019 (Cloud deployed) or Community Edition 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 <sup>2</sup>	Supported bot functions by Bot agent version		
			2.0.2	1.0.2	1.0.1
Google Chrome <sup>1</sup>	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

A2019 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

No specific prerequisites beyond the installation of A2019. The bot uses the included command package versions and a DLL for the calculations of incrementing the date/time.

## 3. Getting Started

### 3.1 Quick Start

#### 3.1.1 Setup

Just import the task and plug and play with your process. Need to have .Net framework 4.0 or higher.

#### 3.1.2 Configuration

Pass the below variables as input to the bot

INPUT VARIABLES: Input Variables to be mentioned in this Table				
Variable Name	Type	Mandatory	Purpose	Example Input
strFilePath	String	Yes	File where search and replace has to happen	
strWorksheet	String	Yes	sheet name is mandatory if scope is S or R	
strange	String	Yes	range is mandatory if scope is R	
strFindText	String	Yes	text to find	
strReplaceText	String	Yes	text to be replaced with	
strScope_W_S_R	String	Yes	scope of the search and replace (workbook, sheet or range)	W or S or R
strValuesOrFormulas	String	Yes	search by values or formulas	VALUES or FORMULAS

OUTPUT VARIABLES: Output Variables to be mentioned in this Table.				
Variable Name	Type	Mandatory	Purpose	Example Output
strDLLOutput	String	-	Contains "Successful" for valid completion. Else contains the error	



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## 4. Support & FAQs

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### 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 [Enterprise A2019](#).

### 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.

**Q: How can I change the output format of the bot?**

A: When calling a subtask, the return value is always of type dictionary, and the value(s) returned from the subtask can be accessed through their specific variable names as a key within the dictionary. Once that value has been returned, the resulting string could be converted to a Date/Time using the DateTime Assign command to convert from a String to a Date/Time format.

For questions relating to Enterprise A2019: See the [Enterprise A2019 FAQs](#).



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## Appendix A: Record of Changes

No.	Version Number	Date of Change	Author	Notes
1	1.0.0.0	3/1/2020	Micah Smith	Initial release of Bot

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## Appendix B: References

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