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# A2019 - Get Differences from Two Texts Package

# Readme

**2.0.1-20200612-212920**

**12/06/2020**

# Table of Contents

# 1.    Introduction

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

## 1.1    Overview

This package allows user to compare two text contents using Google's java-diff-utils library.

For data PDF, user can use A2019's PDF package to extract text from PDF, then use this package to compare contents.

## 1.2    Use cases

The key use cases include:

- Save time to find any $modification$ between two versions of contract documents provided as PDF.
- Checking any update from product documentation comparing with old one.
- Identify difference between two version of source code.

# 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

#### 3.1.1.1 Install

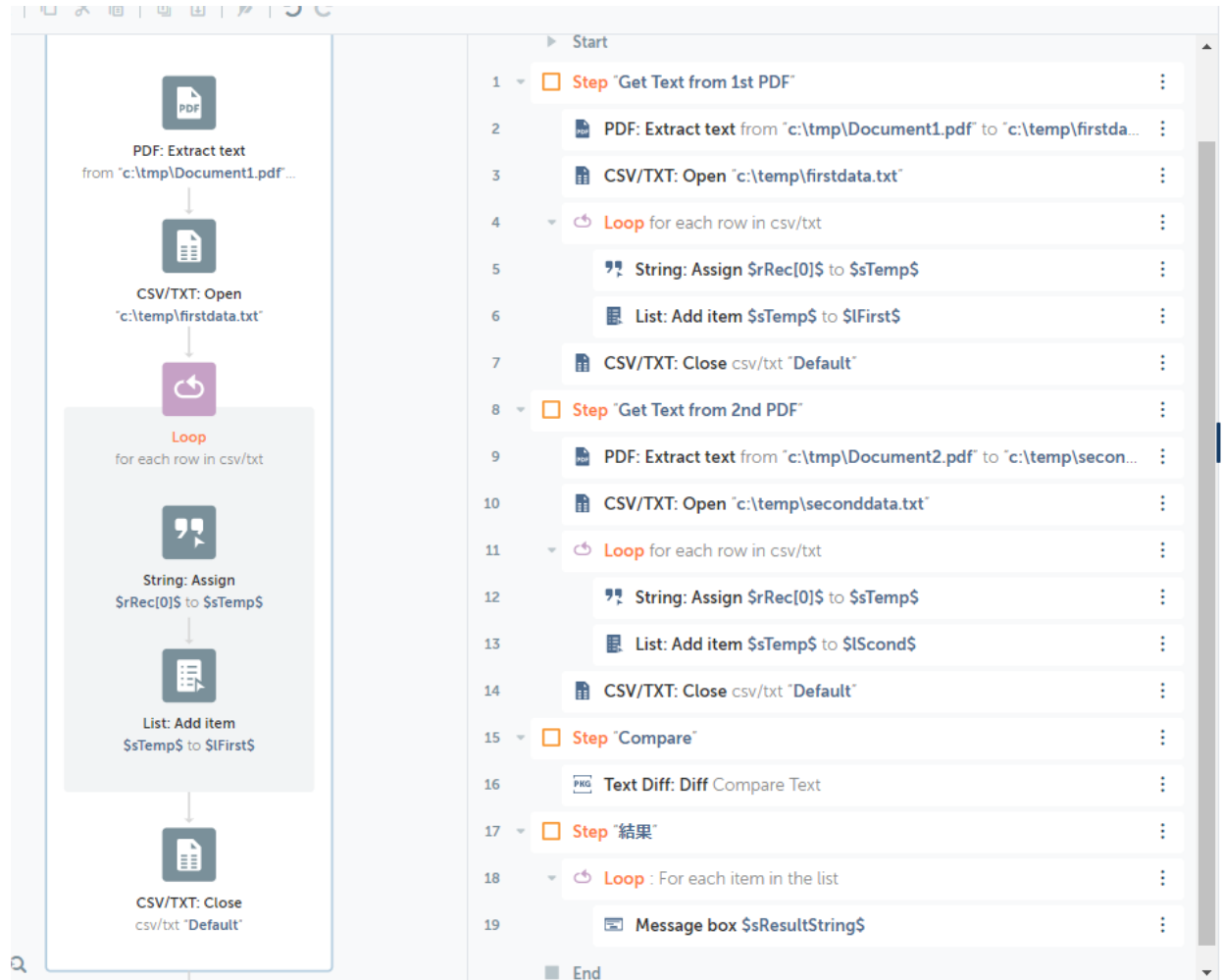Download the Command Package and upload it into your Control Room, activate it.

### 3.1.2 Configuration and Use

There are two actions in this package.
The difference between two actions are input.

New action accepts file path to be compared.

## 3.1.2.1 INPUT for "Diff"

Input will be two list type variables.

So, use A2019 Loop command to store text data into list variable like below.

## 3.1.2.2 INPUT for "File Diff"

Input will be two local file. Please specify full path of your text files to be compared.

### 3.1.2.3 Output

Output is same for both actions.

These action returns String type list item.

You can use Loop to get each difference.
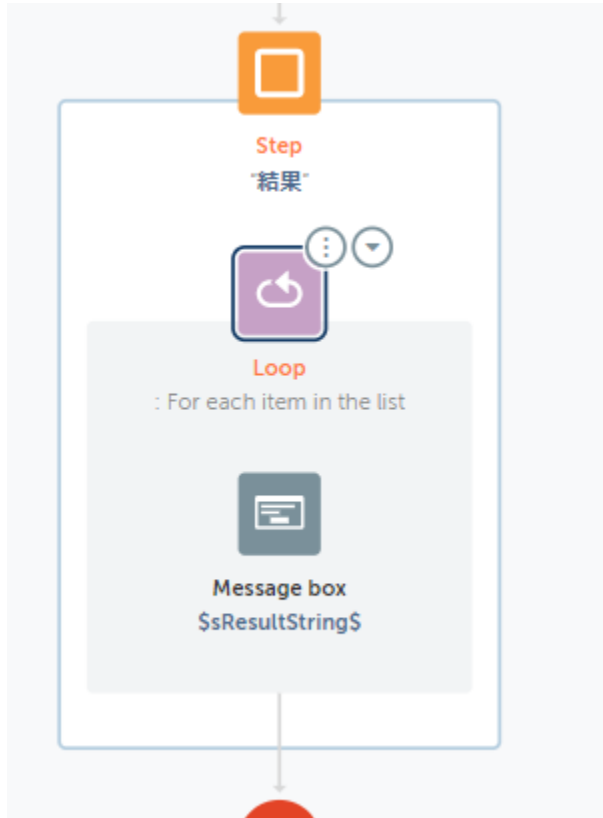


Single line includes following data concatenated with "|".

- Type
    - CHANGE/INSERT/DELETE
- Position in 1st text
- Text from 1st text.
- Position in 2nd text
- Text from 2nd text.

Automation Anywhere Enterprise Client

## Message from bot

CHANGE | Line:81 | From:[Fab1 1階 D1 56789 3,000,000 2020年4月 1日〜2020年9月30日 , 対価の合計 8,000,000 ] | Line:81 | To:[Fab1 1階 D1 56789 2,000,000 2020年4月 1日〜2020年9月30日 , 対価の合計 7,000,000 ]

閉じる
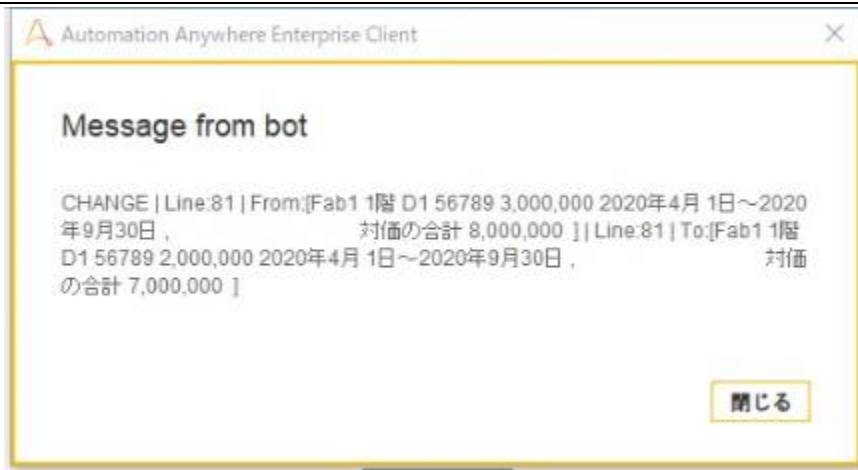
# 4. Support & FAQs

## 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 Enterprise A2019.

## 4.2 FAQs

| Questions | Answers |
|---|---|
| This action supports UTF-8 BOM? | UTF-8 BOM is not supported. |
| Any third-party library used in this action? | No. Just Java standard libraries used to convert. |
| Does this action require internet access? | No internet access required. |
| Does this action send any information to internet? | No. |

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* | *Version 2.0.1-20200525-090719* | *10/06/2020* | *Takehiko Isono* | *Initial version.* |
| *2* | *Version 2.0.1-20200612-212920* | *12/06/2020* | *Takehiko Isono* | *Added new action to allow user specify just two text file.* |

# Appendix B: References

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