

Smartsheets Package for A360

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1 Introduction

1.1 Purpose of this document

This document aims at explaining :

- Features of SmartSheets Package
- Pre-requisites
- Actions

1.2 Overview

Smartsheets Package helps in automating tasks that use SmartSheets application. It allows users to manipulate Smatsheets using A360 using the Get Cell, Set Cell, Upload Datable to Sheet, Get Sheet As DataTable metods.

It allows us to search values in the SmartSheet and get the row number using the Search Value in Sheet action. Also, we can use the Get Number of Rows and Get Column Headers as a List option to iterate through the SmartSheet.

2 Advantages

- It uses API method so UI does not have to be open while executing the commands.
- Unlike REST service command, it uses Row Number and Column Name instead of Row and column Id.
- Can help us avoid copying the data to excel and copying it back to Smartsheet for basic manipulations.
- Sheet Id and API Key can be added from Credential vault to session for security.

3 Key Features

3.1 Command Parameters

Start Session

- Session Name
- Sheet Id
- API Access Key

SmartSheets Package: Start Session

Helps save variables in session

Session Name

🗨 smartsheet

(x)

Sheet ID (optional)

Credential

Variable

Insecure string

🗨 sSheetId

(x)

API Access Key

Credential

Variable

Insecure string

🗨 sAPIAccessKey

(x)

Get Cell Value

- Session Name
- Row Number
- Column Name

Output

- Cell value

SmartSheets Package: Get Cell Value

Get Cell value based on Row Number and Column Name

Session Name

🔗 smartsheet

(x)

Row Number

🔗 \$numCurrentRowNumber\$

(x)

Column Name

🔗 SampleColumnName

(x)

Cell Value

🔗 strRole



(x) +

Set Cell Value

- Session Name
- Row Number
- Column Name
- New Cell Value (to update)

Output

- Update Status

SmartSheets Package: Set Cell Value

Set Cell value for the given Row Number and Column Name

Session Name

🔗 smartsheet

(x)

Row Number

\$numCurrentRowNumber\$

(x)

Column Name

🔗 SampleColumnName

(x)

New Cell Value

🔗 UpdatedCellValue

(x)

Status

🔗 prompt-assignment



(x) +

Append DataTable to Sheet

- Session Name
- Table to Upload

Output

- Upload Table

SmartSheets Package: Append DataTable to Sheet

Append Datatable values to a SmartSheet

Session Name

🗨️ smartsheet (x)

Table to Upload

Table Variable

📊 \$dtExcelWorksheetData\$ (x)

Status

🗨️ prompt-assignment ▼ (x) +

Get Sheet Values

- Session Name

Output

- Return Datatable

SmartSheets Package: Get Sheet Values

Get the sheet values into a data table

Session Name

🗨️ smartsheet (x)

Return Sheet

📊 dtSmartsheetData ▼ (x) +

Get Last Row Number

- Session Name

Output

- Number of Rows

SmartSheets Package: Get Last Row Number

Get Number of Rows in the Sheet

Session Name

smartsheet

(x)

Number of Rows

numLastRowNumber

(x) +

Get Column Names

- Session Name

Output

- List of Headers

SmartSheets Package: Get Column Names

Gets Column Headers as a List

Session Name

smartsheet

(x)

List of Headers

lstHeaders

(x) +

Search Value in Sheet

- Session Name
- Search Value

Output

- Row Number

SmartSheets Package: Search Value in Sheet

Search Sheet for value and return Row Number where it is found

Session Name

” smartsheet

(x)

Search Value

” SearchValue

(x)

Row Number

numCurrentRowNumber

(x) +

End Session

- Session Name

SmartSheets Package: End Session

Helps close the session

Session Name

” smartsheet

(x)

4 Pre-requisites

- Sheet Id of the Smartsheet should be provided as input
- API Access should be enables and API Access Key should be provided.

5 Support

Free bots are not currently supported.