



A360 – BOX Package



Readme

Version 1.1.0

11/05/2023



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1. Introduction

This document contains all essential information for the user to make full use of this [A360 - BOX Package](#). It includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the [A360 - BOX Package](#).

1.1 Overview

A360 - BOX Package is a custom package created to Perform Various BOX Operations. It includes 4 commands such as Session Start (Developer Token/Client Credentials Grant), Upload File, Download File and Session End.

1.2 Use cases

The key use cases include:

- This package helps to build automations which requires upload / download operations in BOX cloud storage without interacting with the UI.



2. Requirements & Prerequisites

2.1 System Requirements

[Enterprise A360 \(Cloud deployed\) 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 A360 (Cloud deployed) or Community Edition user on your local machine.

2.2 Prerequisites

1. Requires a user account in BOX online storage.



3. Getting Started

3.1 Quick Start

3.1.1 Setup

1. In the BOX developer console, an app should be configured to use the “Developer token” or the “Client Credential Grant” for authentication purpose.

3.1.2 Configuration and Use

Actions:

1. BOX: Start Session

Initialize the BOX API session.

INPUT:

- a. Select the “Authentication Type”.
- b. Provide the details based on the selected authentication type.

Developer Token:

- i. Enter the “Developer Token” copied from the BOX developer console on the “Token ID” field.

Client Credentials Grant:

- i. Enter the “Client ID”, and “Client Secret” copied from the BOX developer console on the “Client ID” and “Client Secret” fields.
 - ii. Enter the “User ID” if you want to connect using a user account / “Enterprise ID” if you want to connect using a service account.
 - iii. Select the check box “Authenticate as a service account (Enterprise ID)” if you want to connect using a service account.
- c. Enter the “Session Name” which you want to use in the other commands in the “Session Name” field.

OUTPUT:

- a. Returns the connection status as “Success” / <Error Details>.




Flow List Dual

Triggers

Drag a trigger here...

Start

1. 

BOX: Start Session
Start Session - "Default"

End

BOX: Start Session

Initialize the BOX API session
Required bot agent version: 20.11 or above

Authentication Type

☐ Developer Token

Token ID

Credential Variable Insecure string

Pick...

☐ Client Credentials Grant

Client ID

Client Secret

Credential Variable Insecure string

Pick...

User / Enterprise ID

☐ Authenticate as a Service Account (Enterprise ID)

Session Name

(x)

Connection Status (optional)

Choose a variable

(x)

Returns the connection status of the API

2. BOX: Download File

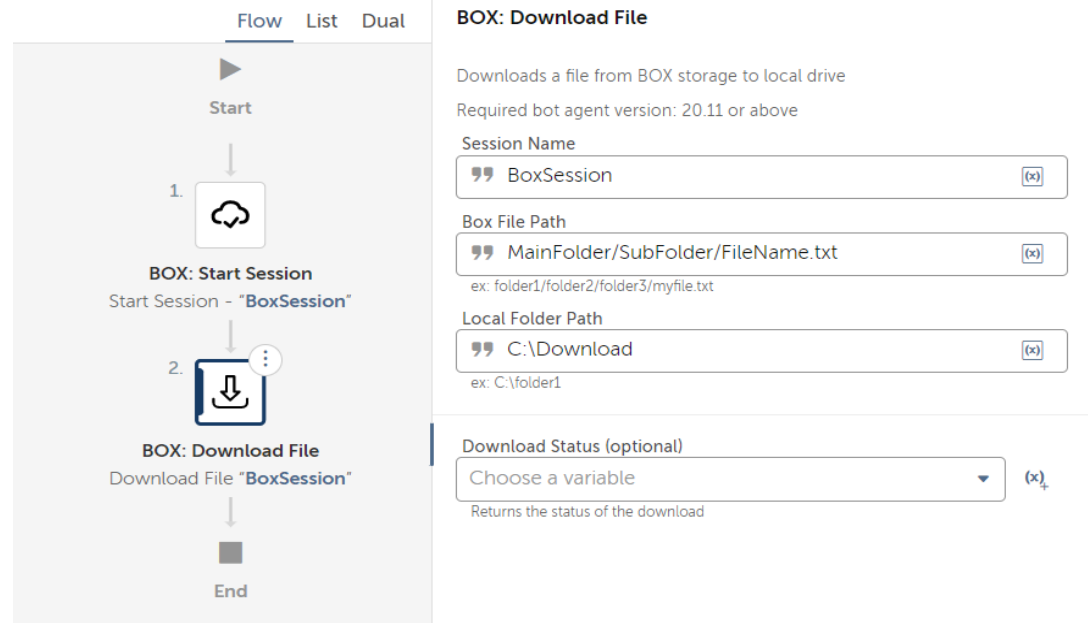
This action can be used for downloading a file from the BOX storage to the local drive.

INPUT:

- Provide the "Session Name" used in the "Start Session" command in the "Session Name" field.
- "Box File Path" should be provided in the following format.
Ex: Folder1/Folder2/file.txt
- Provide the local folder path where you want to save the file in the "Local Folder Path" field.

OUTPUT:

- Returns the download status as "Success"/ <Error Details>.



3. BOX: Upload File

This action can be used for uploading a file to the BOX storage from the local drive.

INPUT:

- Provide the "Session Name" used in the "Start Session" command in the "Session Name" field.
- Select the file which you want to upload to the BOX storage in the "Select File to Upload" field.
- "Box Folder Path" should be provided in the following format.
Ex: Folder1/Folder2

OUTPUT:

- Returns the upload status as "Success"/<Error Details>.

Flow List Dual

```

graph TD
    Start([Start]) --> StartSession[BOX: Start Session  
Start Session - "BoxSession"]
    StartSession --> UploadFile[BOX: Upload File  
Upload File "Default"]
    UploadFile --> End([End])
        
```

BOX: Upload File

Uploads a file from local drive to the BOX storage

Required bot agent version: 20.11 or above

Session Name

🗨 Default (x)

Select File to Upload

Control Room file
Desktop file
Variable

🗨 C:\Folder1\File.txt (x)
Browse...

ex: C:\folder1\myfile.txt

Box Folder Path (optional)

🗨 Folder1/Folder2 (x)

ex: folder1/folder2/folder3 . If left blank, the root folder path will be used

☐ Overwrite the file with a new version if it already exists

Upload Status (optional)

Choose a variable (x) +

Returns the status of the upload

4. BOX: End Session

Terminates the BOX API session.

INPUT:

- a. Provide the "Session Name" used in the "Start Session" command in the "Session Name" field.

OUTPUT:

None

Flow List Dual

```

graph TD
    Start([Start]) --> EndSession[BOX: End Session  
End Session - "Default"]
    EndSession --> End([End])
        
```

BOX: End Session

Closes the BOX API session

Required bot agent version: 20.11 or above

Session Name

🗨 Default (x)



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 A360](#).

4.2 FAQs

- How to get the Developer Token, Client ID, Client secret and User Id / Enterprise ID?

For Configuring the Bot – user need to create an account in:

<https://app.box.com/developers/console/app/1978751/configuration>. Get appropriate details like the Developer Token, Client ID, Client secret and User Id.

- For questions relating to Enterprise A360: See the [Enterprise A360 FAQs](#).



Appendix A: Record of Changes

No.	Version Number	Date of Change	Author	Notes
1	1.0.0	06/05/2023	Jayinee Desai	<i>Custom Box operation with 6 basic actions.</i>
1	1.1.0	11/05/2023	Murali Krishna	<i>Updated UI and actions Removed the "Get Root Folder" and "Start Session with Client Credentials Grant" commands. Added new fields to support folder path. Optimized the "Start Session" command to support multiple authentication types (Developer token and Client Credentials Grant) Updated locale to support Japanese language.</i>



Appendix B: References

No.	Topic	Reference Link
1	Overview of Enterprise A360	Click here
2	Guidance: Building basic A360 bots	Click here
3	Guidance: Building A360 action packages	Click here
4	APeople Community Forum	Click here
5	Automation Anywhere University	Click here