Trello Package

Readme

Version 1.0

09/15/2020

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1.   Introduction

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

1.1   Overview

This package enables integration of A2019 RPA Bots with Trello API features and functionality. The package provides actions to authenticate with the Trello server, and perform several actions leveraging the Trello API capabilities, such as creating teams, boards, lists or cards, managing members, and adding comments or attachments to cards.

A typical use of this package would involve creating a bot to automatically create a new team, adding a board to that team and creating introductory cards to guide the team on how to use the board.

1.2   Use cases

The key use cases include:

- Automate creation of team collaboration tools in Trello
- Administer teams/boards/members
- Automate comments, file uploads and new card creation

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

To get started with the Trello package, the bot creator will need to have a Trello account, and will need to retrieve their API key and token, following the instructions at this website:
https://developer.atlassian.com/cloud/trello/guides/rest-api/api-introduction/

3.   Getting Started

3.1   Quick Start

3.1.1   Setup

Once your API key and token have been retrieved, you are all set! You can use those credentials in the "Start Session" action within the Trello Package to authenticate and subsequently execute any other action in the package.

3.1.2   Configuration and Use

This package contains the following actions:

Trello

- Add Attachment to Card
- Add Comment to Card
- Add Label
- Manage Members
- Create Board
- Create Card
- Create Label
- Create List
- Create Team
- Delete Board
- Delete Card
- Delete Team
- End Session
- Start Session

Action	Description	Parameters	
Start Session	Starts Session and authenticates with Trello	Session name	Name of session
		API Key	Your Trello API Key
		Token	Your Trello Account Token
Add Attachment to Card	Uploads file and attaches to card	Session name	Name of session
		Board Name	Board where card is located
		Card Name	Name of card to add attachment
		File to attach	Path of file to attach to card
		Name of attachment	Display name to show on card
		Attachment ID	Optionally outputs ID of attachment when successfully completed
Add Comment to Card	Adds text to a card in the comments section	Session name	Name of session
		Board Name	Board where card is located
		Card Name	Name of card to add attachment
		Text to include	Text for comment
		Comment ID	Optionally outputs ID of comment when successfully completed
Add Label	Adds an existing label to a card	Session name	Name of session
		Board Name	Board where card is located
		Card Name	Name of card to add attachment
		Label Name	Name of label to add to card
Manage Members	Enables addition or removal of members to or from boards or teams, based on Trello user names	Session name	Name of session
		Action	Select Add or Remove
		Members to or from	Add/Remove to or from: Select Team or Board
		Board or Team Name	Name of board or team to add/remove members
		Member User Names	User name of member(s). For multiple, separate user names by commas

Create Board	Creates a new board	Session name	Name of session
		Board Name	Name for the board
		Board Description	Optional description for the board
		Team	Name of team, if board should be added to a team
		Background Color	Default is blue
		Permission Level	Private/Public/Team permissions
		Voting	Enables voting on cards
		Comments	Permission level for user comments on cards
		Invitations	Permission level for user invitations to board
		Output ID of board	Optional output of ID of created board
Create Card	Invites a user or group of users to a channel	Session name	Name of session
		Board Name	Name of board for the created card
		List Name	Name of list to which card will be added
		Card Name	Name of card to be created
		Card Description	Description to show on card
		Position	Top or bottom
		Due Date	Date in format mm/dd/yyyy
		Output Card ID	Output card ID to string
Create Label	Creates a label on a board	Session name	Name of session
		Board Name	Name of board for the created label
		Label Name	Name of label to add
		Label Color	Default is blue
		Output Label ID	Output Label ID to string

Create List	Creates a list on a board	Session name	Name of session
		List Name	Name of board for the created label
		Label Name	Name of label to add
		Label Color	Default is blue
		Output Label ID	Output Label ID to string
Create Team	Creates a new team	Session name	Name of session
		Team Name	Name of Team to create
		Team Description	Description for team
		Output Team ID	Output Team ID to string
Delete Board	Deletes a board	Session name	Name of session
		Board Name	Name of board to delete
Delete Card	Deletes a card	Session name	Name of session
		Board Name	Board name on which the card resides
		Card Name	Name of card to delete
Delete Team	Deletes a team	Session name	Name of session
		Team Name	Team name to delete

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

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	*1.0.0*	*09/15/2020*	*J Dickson*	*Initial Release*

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