



Blue Prism Cloud 2022.1

IADA Email User Guide

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Blue Prism Limited, 2 Cinnamon Park, Crab Lane, Warrington, WA2 0XP, United Kingdom.
Registered in England: Reg. No. 4260035. Tel: +44 370 879 3000. Web: www.blueprism.com

Contents

IADA Email	4
Using the IADA Email business object	5
Sending mail	5
Reading mail	5
Managing mails	6
Managing folders	7
IADA Email actions	8
Create Folder	8
Delete Folder	9
Delete Mail	10
Export Mail	11
Forward Mail	13
Get Folders	15
Get Folder ID by Folder Name	16
Get Mail	17
Get Stores	22
Get Store ID by Store Name	23
Mark Mail as Read	23
Mark Mail as Unread	25
Move Folder	26
Move Mail	27
Save Attachments	29
Send Email	31
Rename Folder	33
Reply to Mail	34

IADA Email


IADA Email® is a Blue Prism business object artifact that has been designed to allow a more fully flexible and powerful email management solution for Robotic Process Automation (RPA). This is used within the Blue Prism Cloud Digital Workforce® to provide a complete email management tool for Microsoft Outlook.

The artifact comes with simple to use and understand actions, yet provides a vast range of input parameters, enabling you to completely change the functionality of actions to suit your requirements, or that of the process definition.

IADA Email has been designed to be lightweight, with only a few DLL's (Dynamic Link Library) required. Our developers have combed through all MS Outlook functionality and created a powerful library functions that the business object artifact can leverage.

The artifact also accepts input and output of native design data structures such as Collections. There is no need to mess around with JSON, XML or List objects, with complex and unreliable conversion functions.

It is assumed as part of this guide that the user is familiar with Blue Prism Cloud digital workforce and has experience with components such as Hub and Blue Prism.

 This feature is only available on Blue Prism Cloud platforms hosted on Microsoft Azure.

Using the IADA Email business object

Sending mail

One of the most commonly used actions for any email-based utility in process automations, is the use of Send Email. As with many actions available in the artifact, four core parameters are requested as an input.

- Outlook Version
- Profile Name
- Store ID
- Store Name

If you know the Store ID, this should be sent through as it is more efficient. If not, simply enter the Store Name and the action will get the Store ID from the Store Name.

IADA Email now allows you to specify a collection of email addresses that are to be included, along with the type of recipient each should be (i.e. to, cc, bcc). The Subject and Body should be provided. If the body is recognized as HTML, this will get sent as a HTML email and rendered appropriately in the client. A collection of Attachment paths can be optionally provided if necessary, in addition to the importance of the mail.

Reading mail

The second most common application of a mail management library is to read mail from a folder within a mailbox. IADA Email now provides the full flexibility of reading from any folder, in any mailbox, in any profile. Again, like other actions available in the artifact, six (6) core parameters are requested as an input.

- Outlook Version
- Profile Name
- Store ID
- Store Name
- Folder Name
- Folder ID

If you know the Store ID, this should be sent through as it is more efficient. If not, simply send through the Store Name and the action will get the Store ID from the Store Name.

If you know the Folder ID, this should be sent through as it is more efficient. If not, simply send through the Folder Name and the action will get the Folder ID from the Folder Name.

You can optionally supply a host of other input parameter configurations to allow you to get unread only mails, from a particular sender, or by subject. Subject and Sender are 'like' matching fields. For example, if you supplied 'test' within the subject parameters, the search would return all emails with the word 'test' within the subject. In addition, if you were to use the value 'Steve' in the sender parameter, the search would return all emails it considered to be sent from a 'Steve', either indicated by the Sender Name or part of the Sender Email Address.

Reading Mails from different folders has also been made simple. You can easily set the 'Folder Name' input parameter to the name of the folder you wish to read mails from. Please be aware that if you have two or more folders with the same name, it will return mails from the first matched folder. If possible, you might want to use 'Folder ID' to be more specific. You are also able to set a From and/or To DateTime value to perform the search within. This allows you to retrieve mails between a certain DateTime range. The action has been solutioned in such a way that there are four scenarios that can occur:

- **Nothing supplied** – If no 'From' or 'To' DateTime values are supplied, the search performed will read mails from 60 days ago, until current DateTime;
- **From DateTime supplied** – If only a 'From' DateTime value is supplied, the search performed will read mails up to today's date and time;
- **To DateTime supplied** – If only a 'To' DateTime value is supplied, the search performed will read all mails up to the To DateTime supplied from 60 days back from Current DateTime;
- **From and To DateTime supplied** – The simplest of the four, this searches for mails between the 'From' and 'To' DateTime.

Managing mails

After sending and reading mails, it is common to utilize a form of mail management to either delete or move mails. This is especially relevant if this mailbox is also being managed and maintained by a human workforce or is a mailbox that the entire Virtual Workforce share and have access to.

One of the first areas of management for mails is to Mark as Read and Mark as Unread which simply helps to enable the use of the Read/Unread filter as part of a Get Mails function. This is extremely useful when working a mailbox that is also managed by a human workforce where the core rule on unworked mails is simply by the read/unread status. To utilize one of these actions, simply send in the 'ID' of the mail you wish to manipulate and the 'Folder' it is contained in.

The Get Folders management option retrieves a list of folders from within the mailbox, returning their path inside of the store directory.

Delete Mail, is another common management option that is used in many automations. Blue Prism Cloud have again made this a simple action allowing the same input parameters as the Marking a Mail as Read and Unread.

Move Mail allows for logistical management of between folders. This again is a commonly used action for automation, allowing the organization of worker mail, or categorizing mail. This action expects an additional input parameter which is the 'Destination' folder to which the mail is to be moved to, supplied by either the folder name or the folder ID. If you supply the Destination Folder Name, then the mail will be moved to the first folder with that name, so care needs to be taken if that folder name is not unique or appears multiple times within your store's folder hierarchy. Consider using Destination Folder ID to remove any ambiguity.

You should note that this action provides a new 'ID' as an output parameter. When a mail is moved to another folder, the ID of that mail changes. If this ID is important to your workflow, you will need to update this as appropriate.

Managing folders

The final solution that has been built into IADA Email is to manage Folders. The ability to manage folders is considerably underestimated when building and scoping an automation. Blue Prism Cloud have created a handful of useful actions to help aid with folder management.

Deleting folders is simple, like other actions available in the artifact, six (6) core parameters are requested as an input (Outlook Version, Profile Name, Store ID, Store Name, Folder Name, Folder ID), This will delete the folder name/id that has been passed in. Remember, if you supply the Folder Name, then the first folder with that name will be deleted, so care needs to be taken if that folder name is not unique or appears multiple times within your store's folder hierarchy. Consider using Folder ID to remove any ambiguity.

Creating folders requires some of the core parameters (Outlook Version, Profile Name, Store ID and Store Name). The difference here is that you will need to supply the Parent Folder Name or Parent Folder ID, that will house the folder you wish to create. Again, consider using Parent Folder ID to remove any ambiguity. The final parameter is the Folder Name that you wish to call the new folder.

Renaming folder is very similar. Simply pass in Outlook Version, Profile Name, Store ID and Store Name, along with the Current Folder ID or Current Folder Name, then the New Folder Name that you wish to rename the folder to.

Moving a folder requires some of the core input parameters as usual, Outlook Version, Profile Name, Store ID and Store Name. In addition to these input parameters, this artifact action also requires the Current Folder ID or Current Folder Name, along with the New Parent Folder ID, of New Parent Folder Name.

IADA Email actions

In the supplied IADA Email Object there are several Actions which can be used in your automations. Each of these actions perform a specific task or function and are detailed below.

Create Folder

This action will create a mail folder for storing mail items into.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	O365	
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook
Parent ID	Text	Yes	The folder ID where the folder will be created within	00000000C053DBBC90BF1B44B6679...	
Parent Folder Name	Text	No	The folder name where the folder will be created within	Inbox	
Folder Name	Text	No	The folder name to be created	Holding	

Parameter	Type	Optional	Description	Example	Initial Value
Store ID	Text	Yes – If Store Name is provided	The store ID	00000000C053DBBC90BF1B44B6679...	
Store Name	Text	Yes – If Store ID is provided	The store name		

Outputs

Parameter	Type	Description
Folder ID	Text	The folder ID of the folder created

Delete Folder

This action will create a mail folder for storing mail items into.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	O365	
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook
Folder ID	Text	Yes – if Folder Name is provided	The folder ID of the folder being deleted	00000000C053DBBC90BF1B44B6679...	

Parameter	Type	Optional	Description	Example	Initial Value
Folder Name	Text	Yes – if Folder ID is provided	The folder name that will be deleted	Holding	
Store ID	Text	Yes – If Store Name is provided	The store ID	00000000C053DBBC90BF1B44B6679...	
Store Name	Text	Yes – If Store ID is provided	The store name		

Delete Mail

This action will delete a mail from the mailbox (sending to deleted items) using the Mail ID as a pointer to the mail item.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	0365	
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook
Store ID	Text	Yes – If Store Name is provided	The store ID	00000000C053DBBC90BF1B44B6679...	

Parameter	Type	Optional	Description	Example	Initial Value
Store Name	Text	Yes – If Store ID is provided	The store name		
Mail ID	Text	Yes	This is the ID of the mail	00000000C053DBBC90BF1B44B667914	
Folder Name	Text	Yes – if Folder ID is provided	This is the folder that the mail is contained within	Inbox	
Folder ID	Text	Yes – if Folder Name is provided	The folder ID where the email is being deleted from	00000000C053DBBC90BF1B44B6679...	

Export Mail

This action will export a mail item from a mail folder into a specified directory.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	0365	
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook

Parameter	Type	Optional	Description	Example	Initial Value
Store ID	Text	Yes – If Store Name is provided	The store ID	00000000C053DBBC90BF1B44B6679...	
Store Name	Text	Yes – If Store ID is provided	The store name		
Mail ID	Text	Yes	This is the ID of the mail	00000000C053DBBC90BF1B44B667914	
Folder Name	Text	Yes – if Folder ID is provided	This is the folder that the mail is contained within	Inbox	
Folder ID	Text	Yes – if Folder Name is provided	The folder ID where the email is being exported from	00000000C053DBBC90BF1B44B6679...	
Export Type	Text	No	File type, e.g. msg, rtf or html	msg	
Export Directory	Text	No	Directory name and path to where you want the exported mail to be stored	C:\Users\Trainee\Documents\Mail	
File Name	Text	No	File name for where the mail message is to be stored	MailOut	

Forward Mail

This action will forward a mail item from a mail folder onto a specific or numerous recipients, including any attachments.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	0365	
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook
Store ID	Text	Yes – If Store Name is provided	The store ID	00000000C053DBBC90BF1B44B6679...	
Store Name	Text	Yes – If Store ID is provided	The store name		
Folder Name	Text	Yes – if Folder ID is provided	This is the folder that the mail is contained within	Inbox	Inbox
Folder ID	Text	Yes – if Folder Name is provided	The folder ID where the email is being forwarded from	00000000C053DBBC90BF1B44B6679...	

Parameter	Type	Optional	Description	Example	Initial Value
Mail ID	Text	Yes	This is the ID of the mail	00000000C053DBBC90BF1B44B667914	
Body	Text	Yes	Body of the email message		
Attachments	Collection	Yes	A collection containing the contents of any attachments		
Recipients	Collection	Yes	The list of recipients that the mail is forwarded to		

Collection schemas

Attachments

Field Name	Type	Description	Example
Path	Text	This is path to where the Attachments will be stored and then attached to the forwarded email	C:\Users\Trainee\Documents\Mail

Recipients

Field Name	Type	Description	Example
Recipient Address	Text	The email address of the recipient	cloudsupport@blueprism.com
Recipient Type	Text	The type of the recipient, i.e. to, cc, or bcc	
Recipient Name	Text	The name of the recipient	Blue Prism Cloud Support

Get Folders

Gets a list of folders in the mailbox for the specified profile.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	O365	
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook
Store ID	Text	Yes – If Store Name is provided	The store ID	00000000C053DBBC90BF1B44B6679...	
Store Name	Text	Yes – If Store ID is provided	The store name		

Outputs

Parameter	Type	Description
Folders	Collection	This will be a collection of folders that have been recognized

Collection schemas

Folders

Field Name	Type	Description	Example
Folder Name	Text	This is the name of the folder	Inbox
Folder Path	Text	The Outlook path that the folder is contained within	\\cloudsupport@blueprism.com\Inbox
Entry ID	Text	The folder ID	00000000C053DBBC90BF1B44B6679...
Store ID	Text	The store ID	00000000C053DBBC90BF1B44B6679...

Get Folder ID by Folder Name

Gets the ID of a folder for the specified folder name.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	O365	
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook
Store ID	Text	Yes – If Store Name is provided	The store ID	00000000C053DBBC90BF1B44B6679...	
Store Name	Text	Yes – If Store ID is provided	The store name		

Parameter	Type	Optional	Description	Example	Initial Value
Folder Name	Text	No	This is the name of the folder which the ID is sort for	Inbox	

Outputs

Parameter	Type	Description
Folder ID	Text	The ID of the requested folder name

Get Mail

This action will retrieve mail from a folder using the assigned input parameter filters, returning a collection of mails that match those query parameters.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	0365	
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook
Folder Name	Text	Yes – If Folder ID is provided	This is the name of the Folder you want to read mails from	Inbox	Inbox

Parameter	Type	Optional	Description	Example	Initial Value
Folder ID	Text	Yes – if Folder Name is provided	This is the ID of the Folder you want to read mails from	00000000C053DBBC90BF1B44B667914...	
Store Name	Text	Yes – If Store ID is provided	This is the Store Name that the Folder sits within	cloudsupport@blueprism.com	
Store ID	Text	Yes – If Store Name is provided	This is the Store ID that the folder sits within	00000000C053DBBC90BF1B44B667914...	
Read	Flag	Yes	If set to True, query will include 'Read' mails as part of the search	True	True
Unread	Flag	Yes	If set to True, query will include 'Unread' mails as part of the search	True	True
Subject	Text	Yes	Specifies the subject of the mail to use as a filter during the search. This value is wildcarded	Your automation process	

Parameter	Type	Optional	Description	Example	Initial Value
Sender	Text	Yes	Specifies the sender email address that will be used as a filter during the search. This can be name of sender, or email address	cloudsupport@blueprism.com	
From	DateTime	Yes	The date that the search will start from	21/02/2019 08:00:00	
To	DateTime	Yes	The date that the search will search up to	21/02/2019 08:00:00	
Message	Text	Yes	An extract from a message body to search for	Please can you	
Only Attachments	Flag	Yes	If true, this will filter the results to only return mails that have attachments	False	False

Parameter	Type	Optional	Description	Example	Initial Value
Only Importance	Flag	Yes	If true, this will filter the results to only return mails that have a specified importance (defined by the Importance Level parameter)	False	False
Importance Level	Number	Yes	If 'Only Importance' parameter is set to True, this value represents the importance level to filter by	2	2

Outputs

Parameter	Type	Description
Mails	Collection	This will be a collection of mails that have matched all search and filter criteria

Collection schemas

Mails

Field Name	Type	Description	Example
ID	Text	This is a reference that identifies this mail and can be used in subsequent actions	00000000C053DBBC90BF1B44B667914...

Field Name	Type	Description	Example
Sender Name	Text	This is the name of the sender which the email was received from	Blue Prism Cloud Support
Sender Email Address	Text	This is the senders email address	cloudsupport@blueprism.com
Subject	Text	This is the subject of the email	Your automation process ...
Message Body	Text	This is the body of the email	... has completed
Received	DateTime	This is the DateTime that the email was received from the sender. This DateTime is always passed back as UTC	15/10/2018 08:41:33
Attachments	Flag	This is set as True if attachments were included within the email	True
Attachment Count	Number	This is the number of attachments included in the email	3
Attachment Data	Collection	This is a collection of the attachment data	
Folder Entry ID	Text	This is the unique reference that identifies the folder these mails were found within	00000000C053DBBC90BF1B44B667914...

Attachment data

Field Name	Type	Description	Example
Name	Text	This is the name of the attachment	Text.pdf

Field Name	Type	Description	Example
Location	Text	This is path to the attachments	Header
Size	Text	This is the size of the attachment KB	10861
Format	Text	This is the file type of the attachment	png

Get Stores

This action gets a collection of stores (mailboxes) which are available under a specified Mail Profile.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	O365	
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook

Outputs

Parameter	Type	Description
Stores	Collection	This will be a stores (mailboxes) that have been added to this mail profile

Collection schemas

Stores

Parameter	Type	Description
Store Name	Text	This is the name of the store (usually the email address)
Store ID	Text	This is the ID of the store

Get Store ID by Store Name

Gets the ID of a store (mailbox) for the specified store.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	O365	
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook
Store Name	Text	No	The store name		

Outputs

Parameter	Type	Description
Store ID	Text	The ID of the requested store name

Mark Mail as Read

This action will mark a specified mail (By ID) with the 'Read' status.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	O365	

Parameter	Type	Optional	Description	Example	Initial Value
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook
Store ID	Text	Yes – If Store Name is provided	The store ID	00000000C053DBBC90BF1B44B6679...	
Store Name	Text	Yes – If Store ID is provided	The store name		
Mail ID	Text	No	The ID of the Mail item to be marked as read	00000000C053DBBC90BF1B44B6679...	
Folder Name	Text	Yes – if Folder ID is provided	This is the name of the folder where the mail item is located	Inbox	
Folder ID	Text	Yes – if Folder Name is provided	The ID of the folder where the mail is located	00000000C053DBBC90BF1B44B6679...	

Mark Mail as Unread

This action will mark a specified mail (By ID) with the 'Unread' status.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	O365	
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook
Store ID	Text	Yes – If Store Name is provided	The store ID	00000000C053DBBC90BF1B44B6679...	
Store Name	Text	Yes – If Store ID is provided	The store name		
Mail ID	Text	No	The ID of the Mail item to be marked as unread	00000000C053DBBC90BF1B44B6679...	
Folder Name	Text	Yes – if Folder ID is provided	This is the name of the folder where the mail item is located	Inbox	

Parameter	Type	Optional	Description	Example	Initial Value
Folder ID	Text	Yes – if Folder Name is provided	The ID of the folder where the mail is located	00000000C053DBBC90BF1B44B6679...	

Move Folder

This action will move a specified mail (By ID) to a new folder location.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	O365	
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook
Current Folder Name	Text	Yes – if Folder ID is provided	This is the name of the folder to be moved	FolderA	
Folder ID	Text	Yes – if Current Folder Name is provided	The ID of the folder being moved	00000000C053DBBC90BF1B44B6679...	

Parameter	Type	Optional	Description	Example	Initial Value
New Parent Folder Name	Text	Yes – if New Parent Folder ID is provided	This is the name of the parent folder where the folder is to be moved to	FolderB	
New Parent Folder ID	Text	Yes – if New Parent Folder Name is provided	The ID of the parent folder	00000000C053DBBC90BF1B44B6679...	
Store ID	Text	Yes – If Store Name is provided	The store ID	00000000C053DBBC90BF1B44B6679...	
Store Name	Text	Yes – If Store ID is provided	The store name		

Move Mail

Moves a mail item from one folder location to a destination folder location, using the Mail ID as a pointer to the mail item.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	0365	

Parameter	Type	Optional	Description	Example	Initial Value
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook
Folder Name	Text	Yes – if Folder ID is provided	This is the name of the folder where the mail item is located	Inbox	Inbox
Folder ID	Text	Yes – if Folder Name is provided	The ID of the folder where the mail item is located	00000000C053DBBC90BF1B44B6679...	
New Folder Name	Text	Yes – if New Folder ID is provided	This is the name of the new folder where the mail item is to be moved to	Actioned	
New Folder ID	Text	Yes – if New Folder Name is provided	The ID of the new folder	00000000C053DBBC90BF1B44B6679...	
Store ID	Text	Yes – If Store Name is provided	The store ID	00000000C053DBBC90BF1B44B6679...	
Store Name	Text	Yes – If Store ID is provided	The store name		
Mail ID	Text	Yes	The ID of the Mail item to be moved	00000000C053DBBC90BF1B44B6679...	

Save Attachments

Saves attachments from a mail item into a windows folder, using the Mail ID as a pointer to the mail item.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	0365	
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook
Store ID	Text	Yes – If Store Name is provided	The store ID	00000000C053DBBC90BF1B44B6679...	
Store Name	Text	Yes – If Store ID is provided	The store name		
Folder Name	Text	Yes – if Folder ID is provided	This is the name of the folder where the mail item is located	Inbox	Inbox
Folder ID	Text	Yes – if Folder Name is provided	The ID of the folder where the mail item is located	00000000C053DBBC90BF1B44B6679...	

Parameter	Type	Optional	Description	Example	Initial Value
Mail ID	Text	No	The ID of the Mail item from which the attachments are to be downloaded	00000000C053DBBC90BF1B44B6679...	
Save Destination	Text	Yes	The path name where the attachments are to be stored	C:\Users\Trainee\Documents\Mail	
Attachments	Collection	No	Details of the Attachments to be saved		

Collection schemas

Attachment data

Field Name	Type	Description	Example
Name	Text	This is the name of the attachment	Text.pdf
Location	Text	This is path to the attachments	Header
Size	Text	This is the size of the attachment KB	10861
Format	Text	This is the file type of the attachment	png

Send Email

This action will send an email to a recipient or recipients with a defined subject, body and attachments.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	0365	
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook
Store ID	Text	Yes – If Store Name is provided	The store ID	00000000C053DBBC90BF1B44B6679...	
Store Name	Text	Yes – If Store ID is provided	The store name		
Recipients	Collection	Yes	The list of recipients that the mail is forwarded to		
Subject	Text	No	The subject of the email to be sent	Email testing	
Body	Text	No	Body of the email message		

Parameter	Type	Optional	Description	Example	Initial Value
Attachments	Collection	Yes	A collection containing the contents of any attachments		
Importance	Number	Yes	This value represents the importance level to be set	2	2

Collection schemas

Attachments

Field Name	Type	Description	Example
File Path	Text	This is path to where the Attachments will be stored and then attached to the forwarded email	C:\Users\Trainee\Documents\Mail
File Name	Text	The name of the Attachment to be sent with the email	

Recipients

Field Name	Type	Description	Example
Recipient Address	Text	The email address of the recipient	cloudsupport@blueprism.com
Recipient Type	Text	The type of the recipient, i.e. to, cc, or bcc	
Recipient Name	Text	The name of the recipient	Blue Prism Cloud Support

Rename Folder

This action will send an email to a recipient or recipients with a defined subject, body and attachments.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	O365	
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook
Store ID	Text	Yes – If Store Name is provided	The store ID	00000000C053DBBC90BF1B44B6679...	
Store Name	Text	Yes – If Store ID is provided	The store name		
Current Folder Name	Text	Yes – if Folder ID is provided	This is the name of the folder to be renamed	FolderA	
Folder ID	Text	Yes – if Current Folder Name is provided	The ID of the folder being renamed	00000000C053DBBC90BF1B44B6679...	
New Folder Name	Text	No	This is the name of the new folder name	FolderB	

Reply to Mail

This action will reply to an email with a defined body and attachments.

Inputs

Parameter	Type	Optional	Description	Example	Initial Value
Outlook Version	Text	No	This is the version of Outlook that you have installed and is required for IADA Email to understand which wrapper to use	0365	
Profile Name	Text	Yes – will use default profile	This is the name of the Mail Profile you want to attach to	Outlook	Outlook
Store ID	Text	Yes – If Store Name is provided	The store ID	00000000C053DBBC90BF1B44B6679...	
Store Name	Text	Yes – If Store ID is provided	The store name		
Body	Text	Yes	Body of the email message		
Attachments	Collection	No	A collection containing the contents of any attachments to be added		

Parameter	Type	Optional	Description	Example	Initial Value
Folder Name	Text	Yes – if Folder ID is provided	This is the name of the folder where the mail item is located	Inbox	Inbox
Folder ID	Text	Yes – if Folder Name is provided	The ID of the folder where the mail item is located	00000000C053DBBC90BF1B44B6679...	
Mail ID	Text	Yes	The ID of the Mail item that is being replied to	00000000C053DBBC90BF1B44B6679...	
Reply to All	Flag	No	Whether 'Reply to All' is used or just 'Reply'		False

Collection schemas

Attachments

Field Name	Type	Description	Example
Path	Text	This is path to where the Attachments will be stored and then attached to the forwarded email	C:\Users\Trainee\Documents\Mail