

# Email IMAP ReadMon

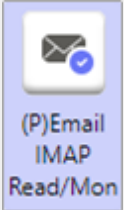
This function is one of Plugins Operation. You can find the movie in [ARGOS RPA+ video tutorial](#).

Need help?

**Technical** contact to [tech@argos-labs.com](mailto:tech@argos-labs.com)

May you search all operations,

- [Actions](#)
- [Verifications](#)
- [System Calls](#)
- [Interactives](#)



## Email IMAP Read/Mon

**Author:** Jerry Chae

Reads and monitors emails from various emails servers with various conditions using IMAP protocol.

### Note

⚠️ **\*BUG\*** [Search Since] condition goes back 24 hours since the set date – **\*Workaround\*** Use Arithmetic Plugin and Variable to add 1 day to your target Search Since data.

⚠️ When multiple conditions are selected, they are connected as “AND” conditions.

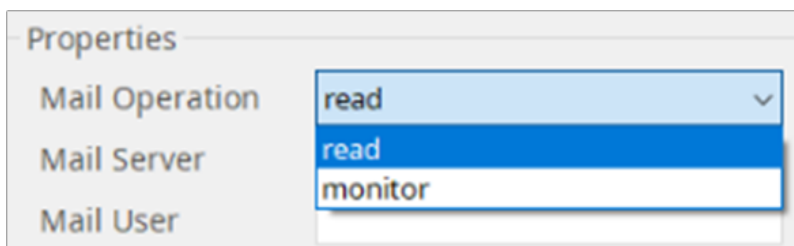
### Functions

1. **Read** – reads and captures data from the emails.
2. **Monitor** – check emails and returns # of emails it finds that meet the criteria (conditions) set.

## How to set parameters

### 1. Select Operation

Choose either Read or Monitor.



### 2. Basic parameters

Plugin: Email IMAP Re...

Operation name: Operation 1

Plugin version: 2.313.1430

Properties:

- Mail Operation: read
- Mail Server: outlook.office365.com
- Mail User: xxx.xxx.xxx@outlook.com
- Mail Password: [Masked]
- Save Folder: C:\Users\sato3\Desktop\...
- Attachment Ma...: \*.pdf

Callouts:

- Email address and password here.
- Input IMAP server data of your target email server.
- When checked the files (both the body text file and the attachment files) will be stored here.
- When checked attachment of the target emails will be saved. You can use variables and wildcard (\*).

When Save Folder is not designated, the files will be stored in the default folder.

Options

Scenario file path: C:\Users\sato3\Desktop\Customer Demo Folder\Demo Bots

Image file path: C:\Users\sato3\AppData\Roaming\ArgosScenarioStudio\Images

Agent path: C:\Program Files (x86)\ARGOS\AgentForRPA\win

Operation: 5 Sec

Language:  English  Korean  Japanese

OK Cancel

### 3. Return Values

- a. **Read** operation returns the detailed data of the target emails it found including file locations (paths) of the body message file and the attachment file(s).
- b. **Monitor** operation just returns the number of emails it finds that matches the conditions that you set.

Return value

Result type: CSV

Variable group name: maildata

First row contains column header

Callout: When you use CSV as Return Value, the data from this plugin will be stored as shown in the table below. You can retrieve each data using the variables in cell. (Assuming the group name is "maildata".)

## Email IMAP Read/Mon CSV Headers and Variables.

Example Group Name for the CSV : **maildata**

Header becomes the variable name.

time+B6:14	from	from name	to	to name	subject	bodyfile	attachments
{{maildata.time(1)}}	{{maildata.from(1)}}	{{maildata.from name(1)}}	{{maildata.to(1)}}	{{maildata.to name(1)}}	{{maildata.subject(1)}}	{{maildata.bodyfile(1)}}	{{maildata.attachments(1)}}
{{maildata.time(2)}}	{{maildata.from(2)}}	{{maildata.from name(2)}}	{{maildata.to(2)}}	{{maildata.to name(2)}}	{{maildata.subject(2)}}	{{maildata.bodyfile(2)}}	{{maildata.attachments(2)}}
{{maildata.time(3)}}	{{maildata.from(3)}}	{{maildata.from name(3)}}	{{maildata.to(3)}}	{{maildata.to name(3)}}	{{maildata.subject(3)}}	{{maildata.bodyfile(3)}}	{{maildata.attachments(3)}}
{{maildata.time(4)}}	{{maildata.from(4)}}	{{maildata.from name(4)}}	{{maildata.to(4)}}	{{maildata.to name(4)}}	{{maildata.subject(4)}}	{{maildata.bodyfile(4)}}	{{maildata.attachments(4)}}
{{maildata.time(5)}}	{{maildata.from(5)}}	{{maildata.from name(5)}}	{{maildata.to(5)}}	{{maildata.to name(5)}}	{{maildata.subject(5)}}	{{maildata.bodyfile(5)}}	{{maildata.attachments(5)}}

### 4. Advance Settings

**a. Warning! Do not check [Delete after reading], this will delete emails from the server for both Read and Monitor operations.**

**b. Set [Mon Timeout Sec], otherwise the automation scenario will continue to wait until the time-out of the execution.**

The screenshot shows the 'Advanced' settings panel for an email search plugin. The settings are as follows:

- Search Type:** UNREAD
- Search Sender:**  senderID@gmail.com
- Search To:**  (empty)
- Search Subject:**  lunch
- Search Body:**  (empty)
- Search Since:**  e.g. 2019-01-01
- Search Before:**  e.g. 2019-01-31
- Delete after Read:**  (Warning: Do not check unless you really need to! It deletes emails for both Read and Monitor.)
- Limit of Res:** 50 (Default is 50 for number of emails that the search result will list.)
- Store Body?:**  (Check when you want the message body of the email to be saved as a file.)
- Mon Timeout Sec:** 10 (Unless checked and specified, the plugin waits in background for the duration of scenario execution.)
- Mon Period Sec:** 10
- Mail Port:** 0
- No Use SSL:**
- Mailbox:**  inbox (Default is Inbox for search target mailbox.)
- Order by Old:**

Additional callouts from the image:

- Specify From: email address** Only one address allowed.
- Specify certain string of text to look for.**
- Specify certain text contents in the email message body.**
- Specify date since which the search will be performed.**
- Specify date before which the search will be performed.**
- Choose read, unread, or all.**
- Specify To: address** It allows only one address.

## All Plugins

- Arithmetic Op
- File Conv
- Excel Advanced
- Excel Macro
- File Folder Op
- File Monitor
- JSON Select
- REST API
- SQL
- SSH Command
- String Manipulation
- Web Extract
- Email Read Mon
- Time Stamp
- Work Calendar
- Google Translate
- Google Cloud Vision API
- Google TTS
- Fairy Devices mimi AI
- LINE Notify
- IBM Speech to Text
- Email IMAP ReadMon
- Drag and Drop
- Rossum
- MS Azure Text Analytics
- IBM Visual Recognition
- Convert CharSet
- Detect CharSet
- Bot Collabo
- NAVER OCR
- Excel AdvII
- PANDAS I
- AWS Textra Rekog
- XML Extract
- Simple SFDC
- PANDAS profiling
- MS Word Extract
- AD LDAP
- SSH Copy
- Password Generate
- Newuser-SFDC
- PDF2Doc
- Tesseract
- Google Drive
- Google Sheets
- Google Token