

Validating Emails using Service Suite Scripts

1. Create a Script in Service suite as shown below:

```
var mailClient = createMailClient("imap.outlook.com", "aiqtest2@test.com", "*AwzH%QBf76y", "IMAP");
try{
    mailClient.login();
}
catch (e){
    mailClient.login();
}
log("Login Outlook Account");
mailClient.setFromFolder("Inbox");
log("Navigate to the Inbox folder");
//mailClient.setFromFolder("Junk Email");

var lastUnreadMails = mailClient.getLastUnreadMessages(1);
var url;
//log(lastUnreadMails.size());
for(var i = 0; i < lastUnreadMails.size(); i++){
    if(lastUnreadMails.get(i).getSubject().contains("Secure Code")){
        // log("Fetch the url from this body" + lastUnreadMails.get(i).
        code = urlify(lastUnreadMails.get(i).getBody());
    }
}
mailClient.logout();

locker.put("confirmationcode",code);
function urlify(text){

    var idx = text.indexOf("code is");
    log(idx);
    text = text.substring(idx+8,idx+14);
    log("Found code "+text);
    if(/^\\d{6}$/gm.test(text)){
        return text;
    }
    else{
        code = text.substring(idx+9,idx+15);
        log("Found code "+code);
        return code;
    }
}
```

Creates a email client

Access the Inbox Folder

Fetches the body of the email from last unread email with the subject that contains secure code in it

Custom function that retruns only the secure code from the body of the email

Notepad++ : a free (GPL) source code editor Version 8.33
Microsoft Windows 10 Home Single Language 64-bit Build 6.2.9200

2. Please refer the below document if the outlook account as 2FA authentication:

[How to create an App Password for an Outlook account and use in service suite script to login to account with 2FA enabled.](#)

Note: Below is the spec on AIQ mail client

Mail Client

>createMailClient(String host, String userMail, String password, String protocol)

returns a MailService object.

>MailService object has the following available methods:

- login()
- setFromFolder(String:folder)
- logout()
- getLastUnreadMessages(int:quantity)
- getAllRecipients();
- getFrom();
- message.getSentDate();
- message.getFolder()
- MailMessage byte[] getAttachedFile(String fileName)

· List<String> getAttachments() //You can get a list with all the names of the attachments from a MailMessage and you can get the file (byte[]) using the file name.

Sample code snippet

```
var mailClient = createMailClient("imap.gmail.com", "myEmail@gmail.com", "App Password",
    "IMAP");

try{
    mailClient.login();
}
catch (e){
    mailClient.login();
}

log("Login Outlook Account");
mailClient.setFromFolder("Inbox");
log("Navigate to the Inbox folder");
//mailClient.setFromFolder("Junk Email");

var lastUnreadMails = mailClient.getLastUnreadMessages(5);
var url;
var attachments;

//log(lastUnreadMails.size());
```

```

for(var i = 0; i < lastUnreadMails.size(); i++){
    if(lastUnreadMails.get(i).getFrom().contains("Appvance")){
        log("Fetch the url from this subject" + lastUnreadMails.get(i).getSubject());
        log("From "+lastUnreadMails.get(i).getFrom());
        log("Date "+lastUnreadMails.get(i).getSentDate());
        log("Folder "+lastUnreadMails.get(i).getFolder());
        log("getRecipients "+lastUnreadMails.get(i).getRecipients());
        log("Fetch the url from this body" + lastUnreadMails.get(i).getBody());
        attachments = lastUnreadMails.get(i).getAttachments();
        for(var j = 0; j < attachments.size(); j++){
            log("Attachment name: "+attachments.get(j));
            var bytes = lastUnreadMails.get(i).getAttachedFile(attachments.get(j));
            locker.put("bytes",bytes);
            writeBytes("newBytes.pdf", bytes);
        }
        //code = urlify(lastUnreadMails.get(i).getBody());
    }
    // log("Fetch the url from this body" + lastUnreadMails.get(i).getSubject());
}
mailClient.logout();

```

Note: Replace the valid Email account to test the above methods.

Outlook Sample

```

var mailClient = createMailClient("imap.outlook.com", "aiqtest@outlook.com", "password",
"IMAP");

mailClient.login();

mailClient.setFromFolder("Inbox");

var lastUnreadMails = mailClient.getLastUnreadMessages(1);

var url = "";

var from=lastUnreadMails.get(0).getFrom().contains("Appvance");

```

```
log(from);
```

Last updated: June 02, 2023

If you have any feedback on this topic, please contact us at documentation@appvance.ai

Revision #3

Created 2026-07-31 15:39:34 UTC by Admin

Updated 2026-07-31 16:58:36 UTC by Admin