

Archive Outlook Emails to Obsidian w/ attachments

Background

I have a power automate flow that runs once an hour and archives emails from a certain folder in outlook to a folder in my Obsidian vault. It runs fine and handles attachments with one exception.

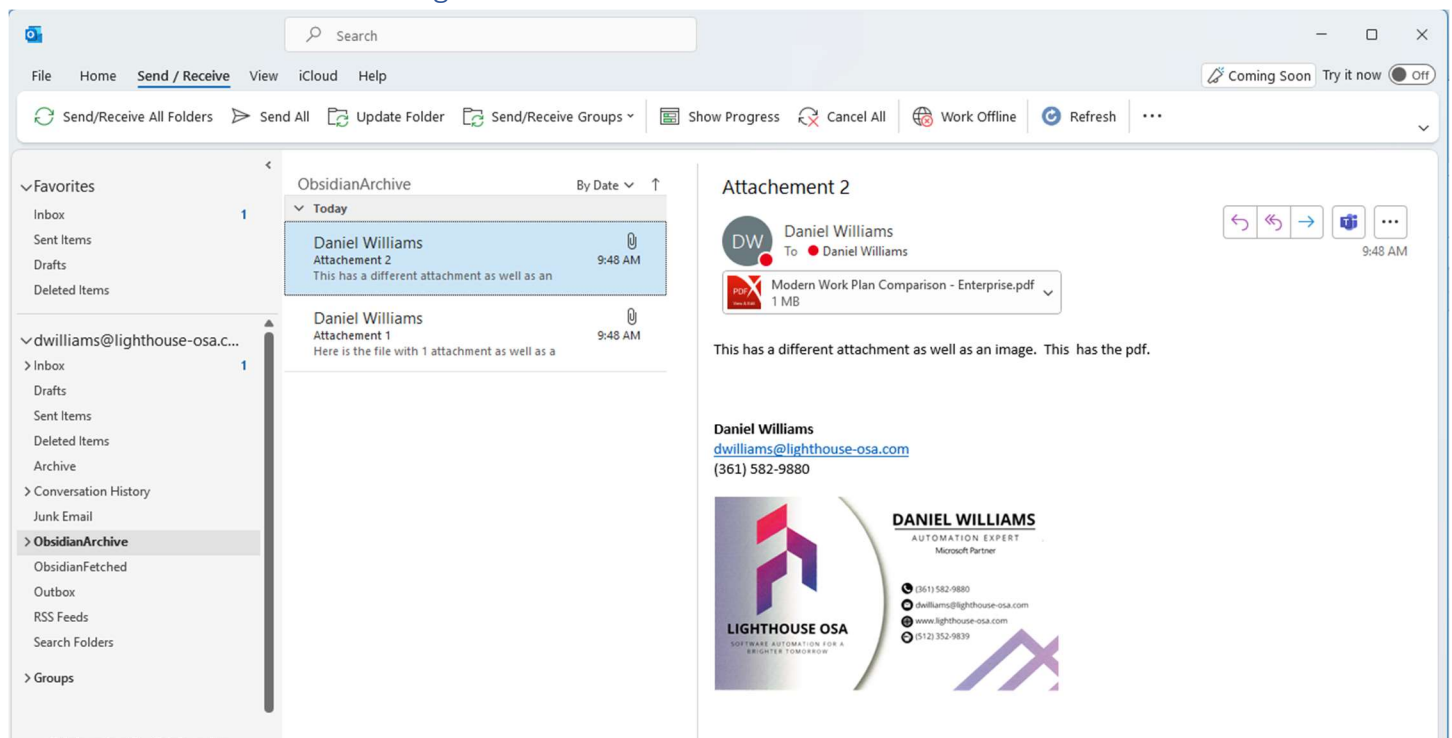
Problem

Files that are attached to the email are saved and referenced properly in the saved text file on disk. However, if the contents of the email has an inline image (e.g., business card or diagram), the image is not listed in the resulting text file and my flow has no way to reference it.

Setup

I have a folder in excel called “ObsidianArchive.” Whenever I want to save an email, I just move it into that folder. The next time the flow runs (hourly), the email is copied to the obsidian archive.

In the image below you can see I have two (2) emails in the ObsidianArchive folder. Both have an attachment and an inline image:



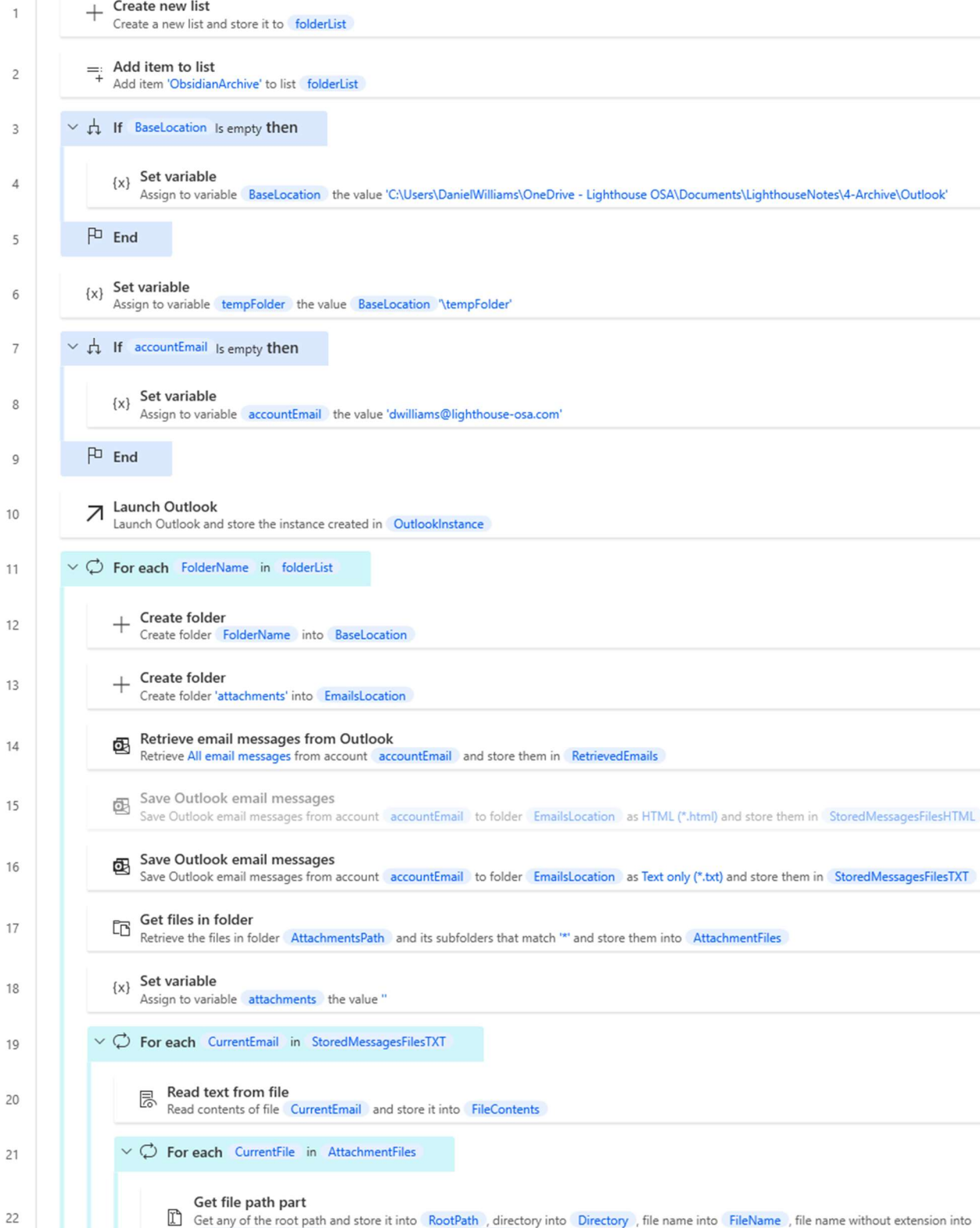
Logic of the flow

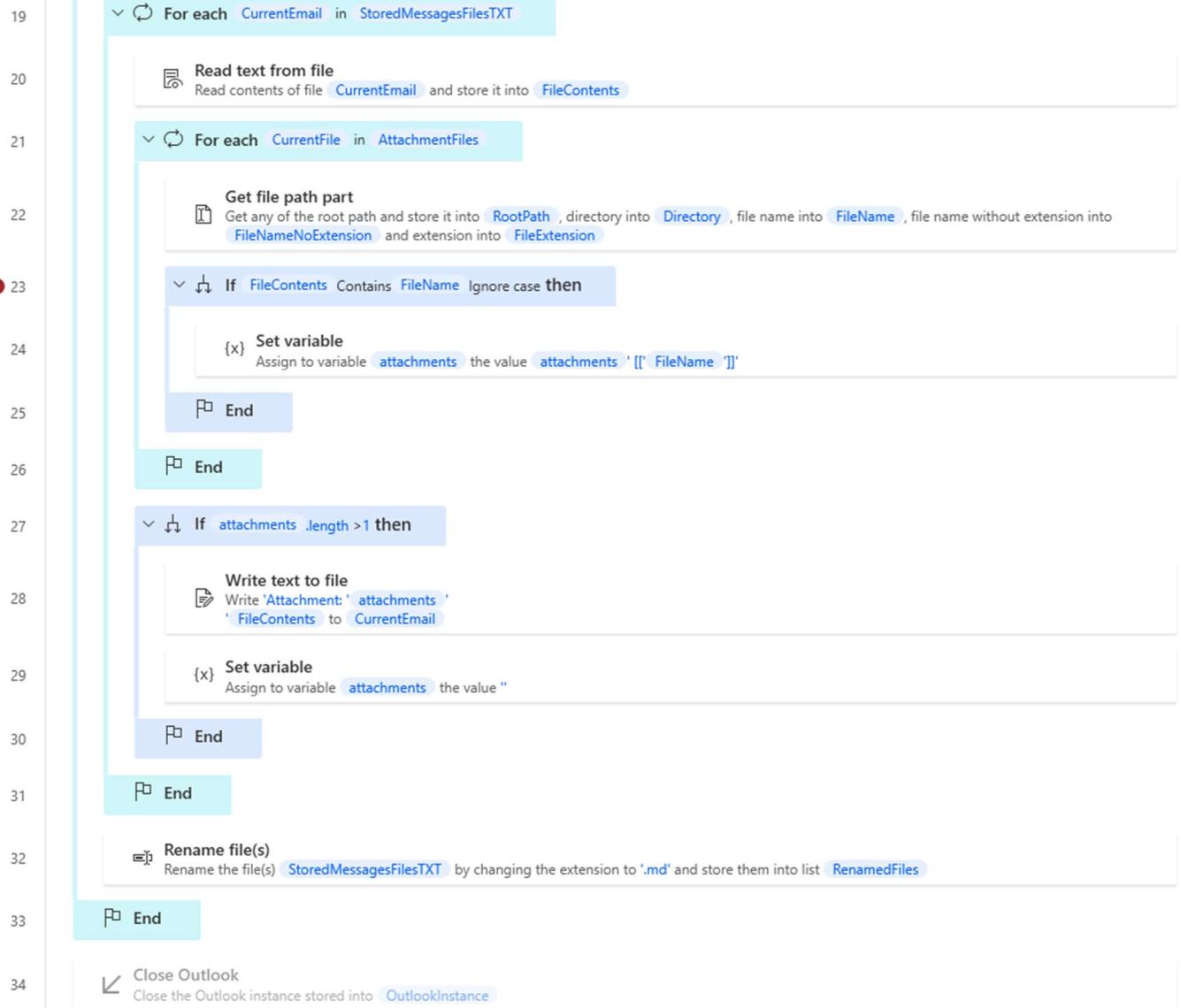
| Step | Description |
|-------|--|
| 1-10 | Initialization and setup |
| 11 | Loop that currently only has 1 folder “ObsidianArchive” |
| 12-14 | Retrieve the emails in the “ObsidianArchive” folder and save the attachments in the “attachments” folder. This works well. All of the attachments and inline images are saved. |

| | |
|-------|---|
| 16 | <p>Save the retrieved emails as text files on disk. This mostly works as the text file as a line "Attachments: ..." which refers to the attached file(s) by name.</p> <p>The problem is that this line doesn't refer to the inline images. So, no way to connect the inline image with the email text file.</p> |
| 17-31 | <p>Get a list of attachment file names.</p> <p>For each email text file on disk</p> <p>Look to see if it has the name of an attachment in the file. If so, add a reference to the attachment file at the top of the email text file.</p> |
| Note: | Steps to remove emails from outlook have been removed for debugging purposes. |
| | |
| | |

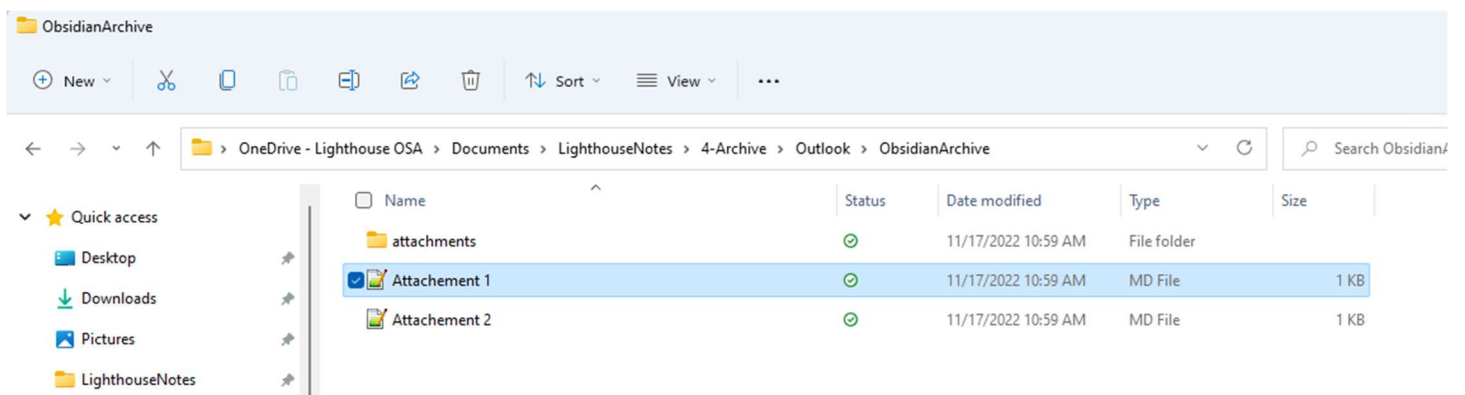
Subflows ▾

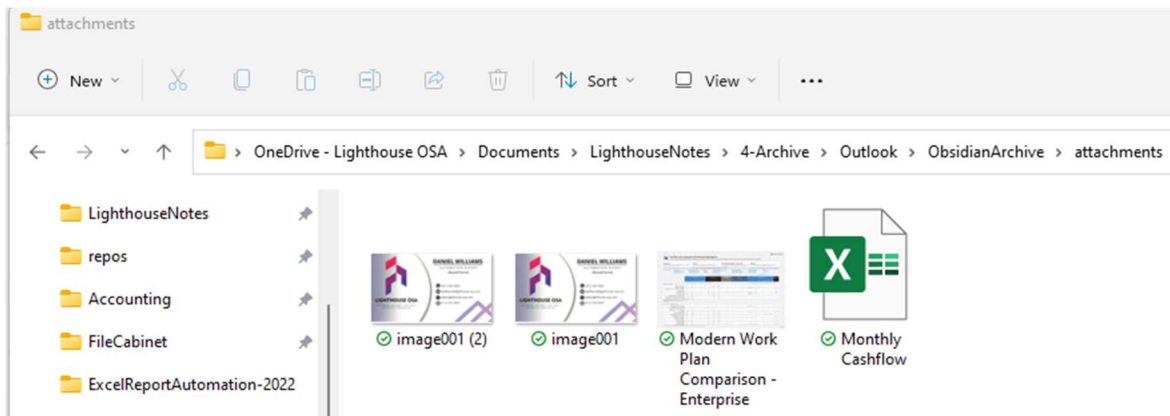
Main



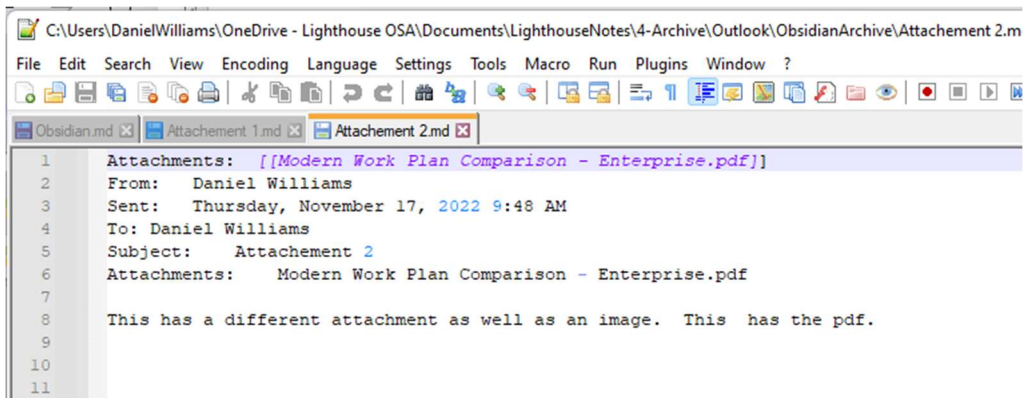


When the flow runs, it copies the files to disk correctly:





The flow is able to match up the attachments, but not the inline images.



However, the “save outlook email messages” step #16 in the flow saves the email to a text file and includes the name of the attachment.