

How to Use Qdabra's SharePointLibrarySync Tool

📅 09/05/2018

Purpose

The SharePointLibrarySync Tool is a solution developed by Qdabra Software that allows DBXL users to sync or upload DBXL PDF output to a SharePoint library.

You'll Need

SharePointLibrarySync Tool *included in the package*

Task Scheduler *Windows built-in tool*

Pre-requisites

Follow these steps to prepare the tool for the PDF synchronization.

1. If you haven't already, create a folder where PDFs will be saved once generated by DBXL.
2. Unzip the file included in the package in the server where DBXL is installed.
3. Locate the `settings.xml` and open in Notepad.
4. Modify the values in the XML based on your own settings.

The XML file has the following format:

<code>LocalFolderPath</code>	Path where the PDFs are saved
<code>Username</code>	Your SharePoint username
<code>SitePath</code>	Your SharePoint site
<code>RelativeLibraryPath</code>	Relative path to the SharePoint Library where you need to sync the PDFs
<code>RemoveAfterUpload</code>	Specify <code>true</code> if you want to remove the PDF in the DBXL server after the upload. Otherwise, indicate <code>false</code> .
<code>IsSharePointOnline</code>	Specify <code>true</code> if you're on SharePoint Online. If On-Premise, indicate <code>false</code> .

```

1 <?xml version="1.0"?>
2 <UploadSettings xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
3   <LocalFolderPath>C:\PdfOutput</LocalFolderPath>
4   <Username>Kervi.Alfajara@qdabra.com</Username>
5   <UserPwd>[REDACTED]</UserPwd>
6   <UserDomain />
7   <SitePath>https://qdabra.sharepoint.com/Testing</SitePath>
8   <RelativeLibraryPath>/Testing/PDF%20Sync</RelativeLibraryPath>
9   <RemoveAfterUpload>true</RemoveAfterUpload>
10  <IsSharePointOnline>true</IsSharePointOnline>
11 </UploadSettings>

```

5. Save your changes once the details are completed.

Using the Tool

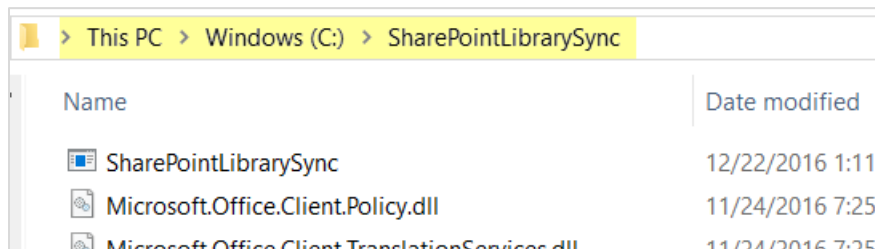
Now that you have supplied the necessary values in the `settings.xml` file, you are now ready to execute the SharePointLibrarySync Tool. There are two ways to do this – (1) via Command Prompt and (2) Task Scheduler.

Command Prompt (cmd)

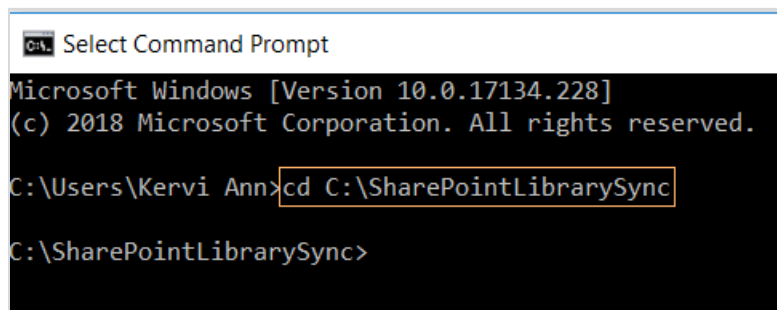
You can use this option if you want to run the tool manually.

1. Open the Command Prompt by searching it in the Windows search bar.
2. In cmd, enter the path where the SharePointLibrarySync app is located.

Here I saved the files included in the package under `C:\`



And copied and pasted the path in cmd using the `cd` command to make the tool's path as the current directory



3. Next, type `SharePointLibrarySync settings.xml`. Click `Enter`.

```

Command Prompt
Microsoft Windows [Version 10.0.17134.228]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Kervi Ann>cd C:\SharePointLibrarySync

C:\SharePointLibrarySync>SharePointLibrarySync settings.xml
  
```

Note

Make sure that there's at least one PDF file in the folder which you have specified in the `LocalFolderPath` in the `settings.xml` before running the command above. This is so you can see that the file has successfully been uploaded to your SharePoint site. Otherwise, you won't see the result of the tool execution.

If the upload is successful, you'll see the following message in the command prompt:

```

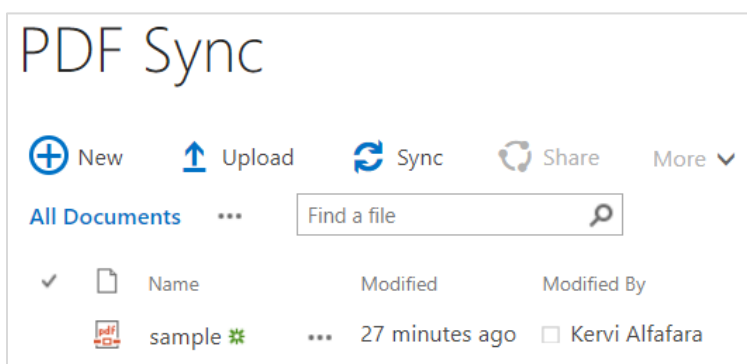
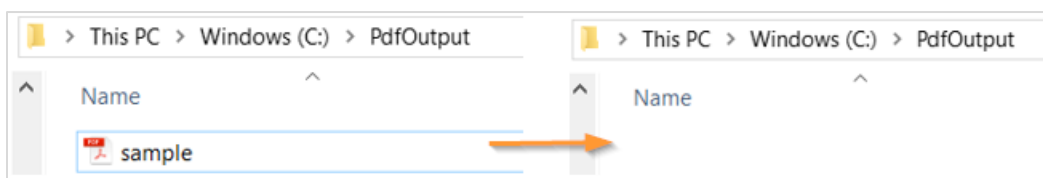
Command Prompt
Microsoft Windows [Version 10.0.17134.228]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Kervi Ann>cd C:\SharePointLibrarySync

C:\SharePointLibrarySync>SharePointLibrarySync settings.xml
Processing folder C:\PdfOutput

C:\SharePointLibrarySync>
  
```

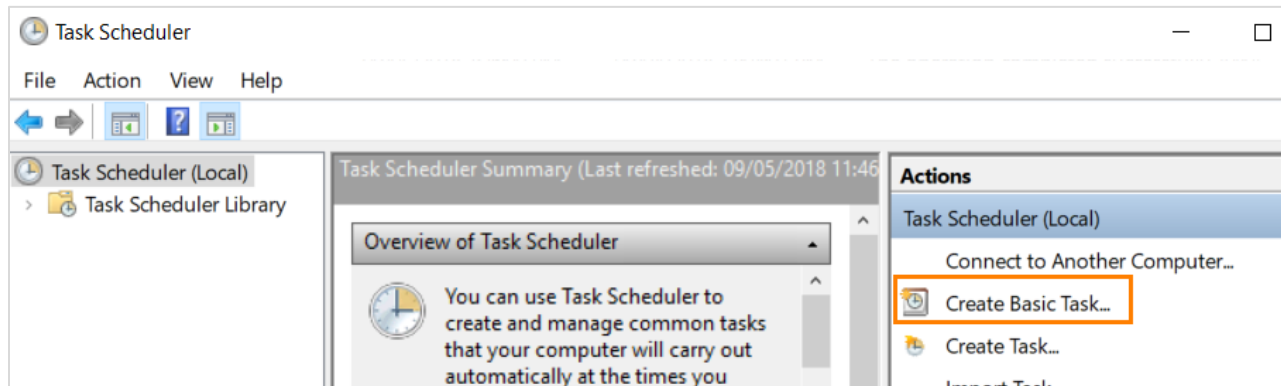
The PDF file in the folder is now deleted and finally uploaded to your SharePoint site:



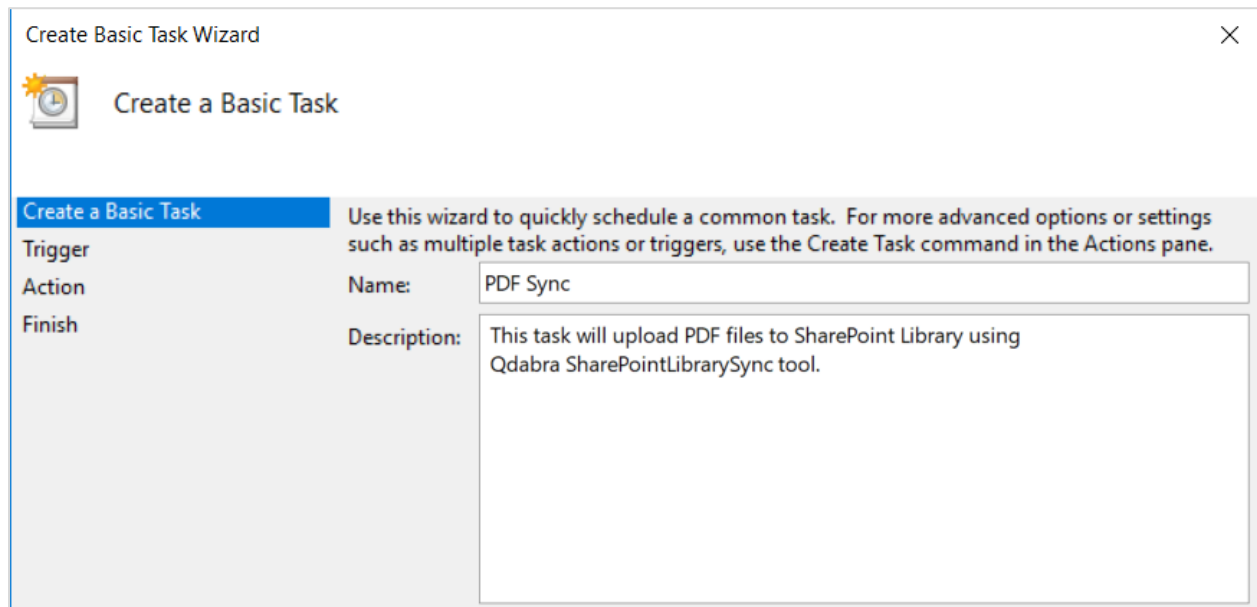
Task Scheduler

Use the Task Scheduler if you want to automate the execution of the SharePointLibrarySync Tool.

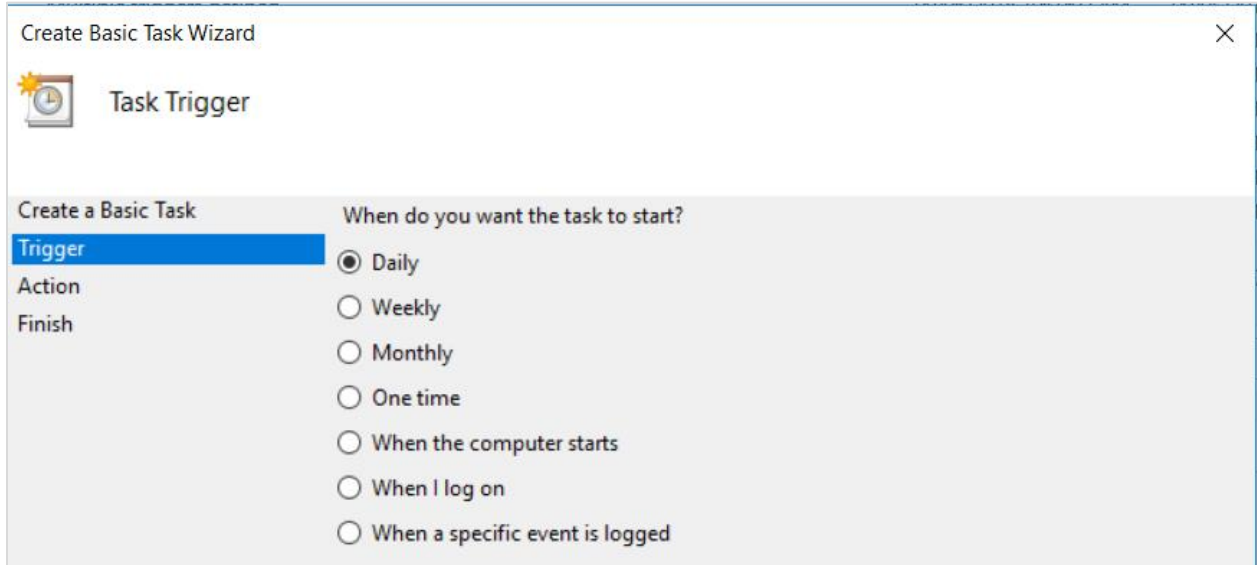
1. Open the Task Scheduler by searching it in the Windows search bar.
2. In the **Actions** toolbar, click **Create Basic Task**.



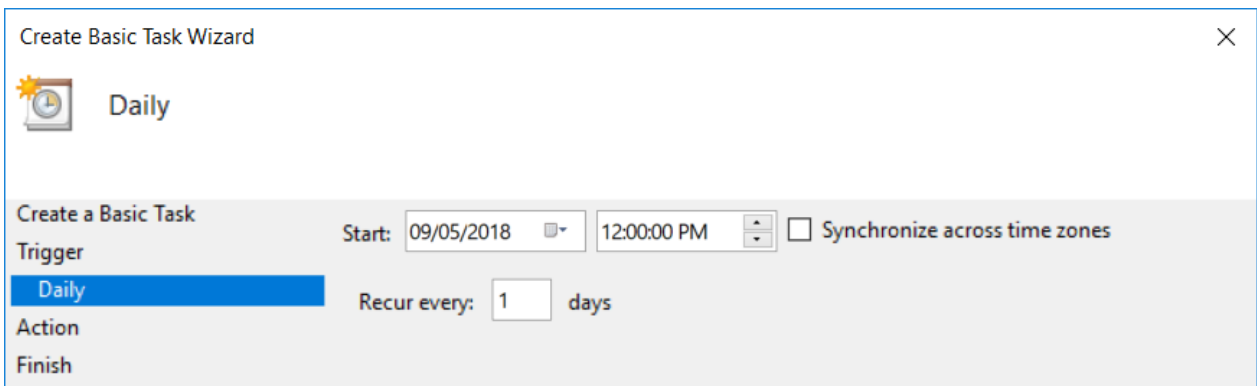
3. In the Task Wizard, give your task a name and description (optional). Click **Next**.



4. Specify the frequency of the program execution. Click **Next**.

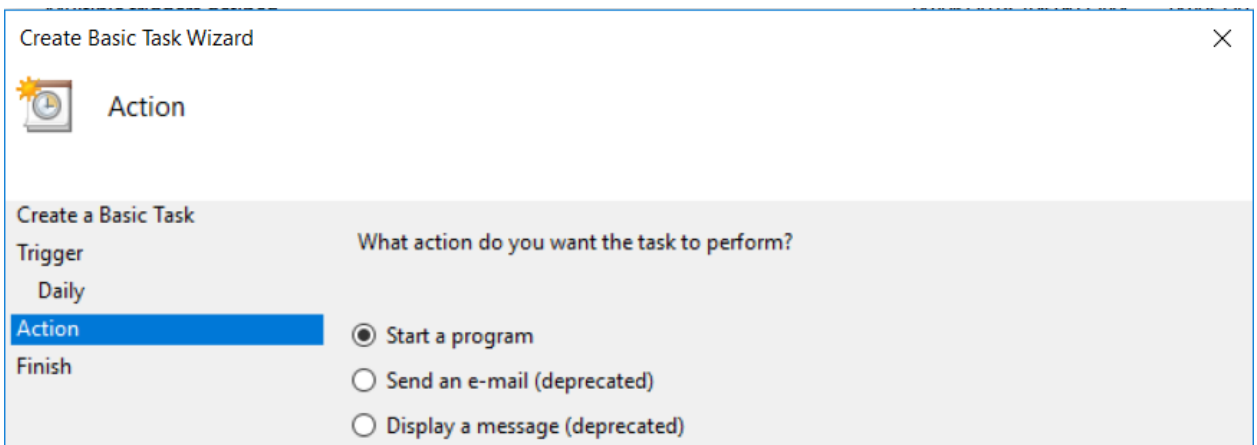


The screenshot shows the 'Create Basic Task Wizard' window at the 'Task Trigger' step. The left sidebar has 'Trigger' selected. The main area is titled 'When do you want the task to start?' and contains several radio button options: 'Daily' (selected), 'Weekly', 'Monthly', 'One time', 'When the computer starts', 'When I log on', and 'When a specific event is logged'.



The screenshot shows the 'Create Basic Task Wizard' window at the 'Daily' step. The left sidebar has 'Daily' selected. The main area shows the 'Start' date as '09/05/2018' and time as '12:00:00 PM'. There is a checkbox for 'Synchronize across time zones' which is unchecked. Below this, it says 'Recur every: 1 days'.

5. Select **Start a Program** as the action. Click **Next**.

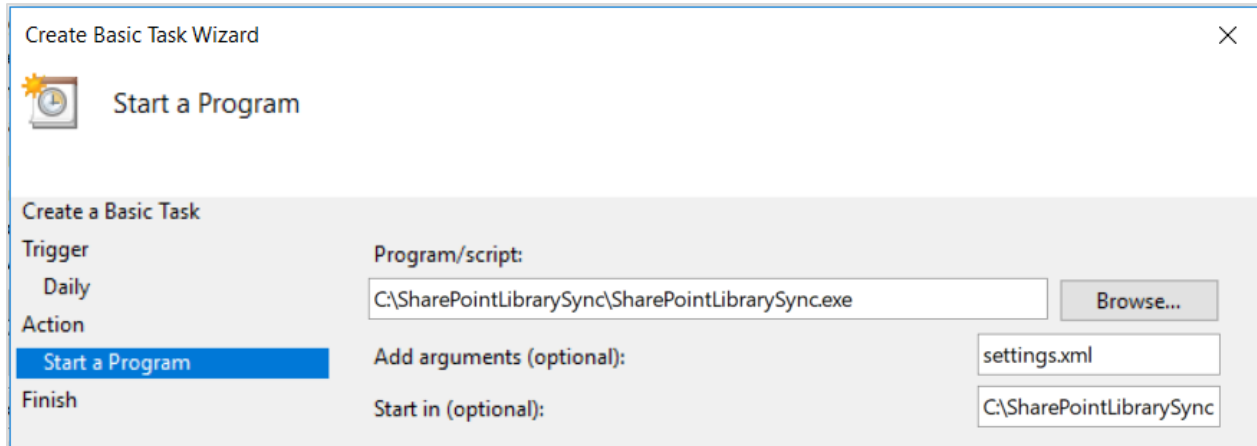


The screenshot shows the 'Create Basic Task Wizard' window at the 'Action' step. The left sidebar has 'Action' selected. The main area is titled 'What action do you want the task to perform?' and contains three radio button options: 'Start a program' (selected), 'Send an e-mail (deprecated)', and 'Display a message (deprecated)'.

- Select the path where the SharePointLibrarySync tool can be found and specify values in the following fields.

In the **Add arguments** field, specify `settings.xml`.

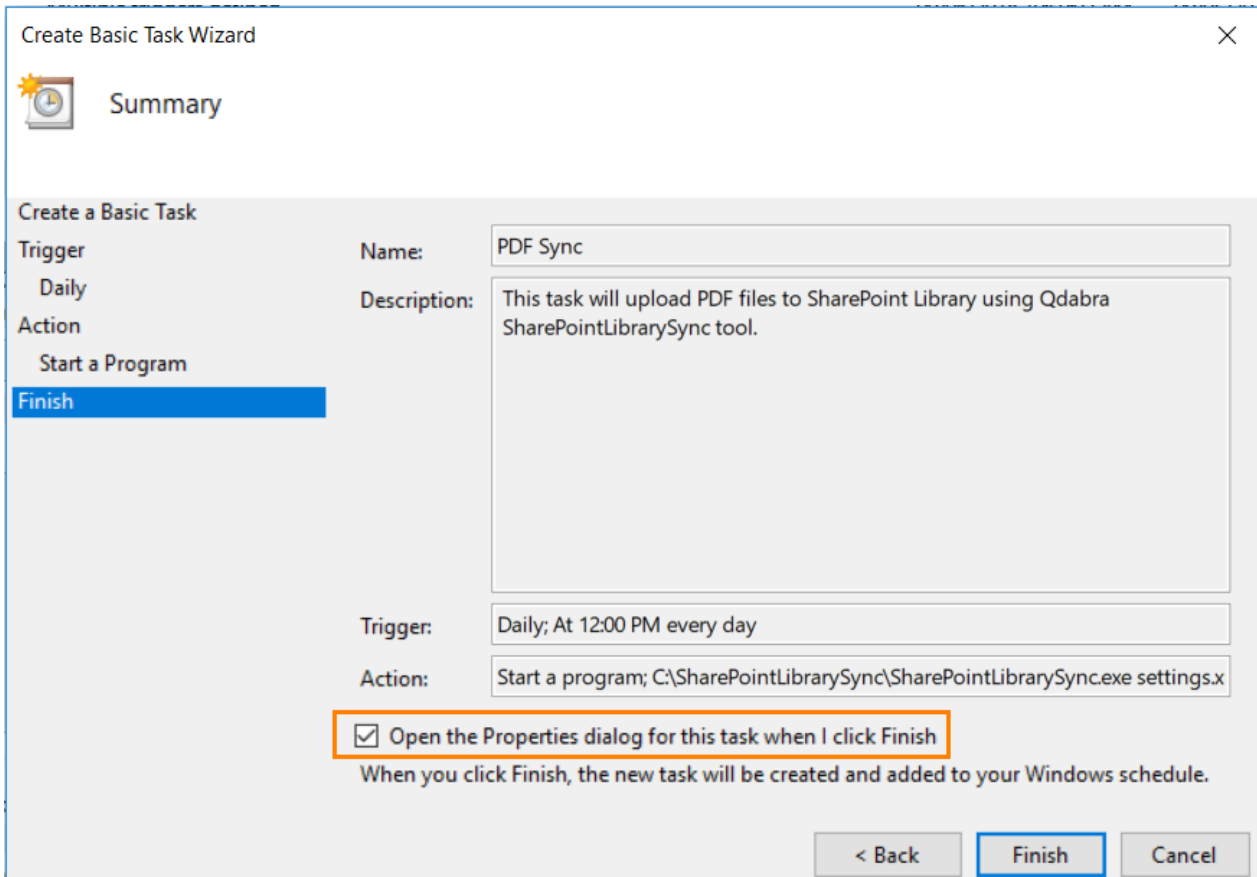
In the **Start in** field, specify the folder path in which the tool is located.



The screenshot shows the 'Create Basic Task Wizard' window, specifically the 'Start a Program' step. The window has a title bar with a close button. Below the title bar is a navigation pane on the left with options: Trigger, Daily, Action, Start a Program (selected), and Finish. The main area contains the following fields:

- Program/script:** C:\SharePointLibrarySync\SharePointLibrarySync.exe (with a 'Browse...' button)
- Add arguments (optional):** settings.xml
- Start in (optional):** C:\SharePointLibrarySync

- In the last window, you can tick the checkbox if you want to go to the advanced properties.



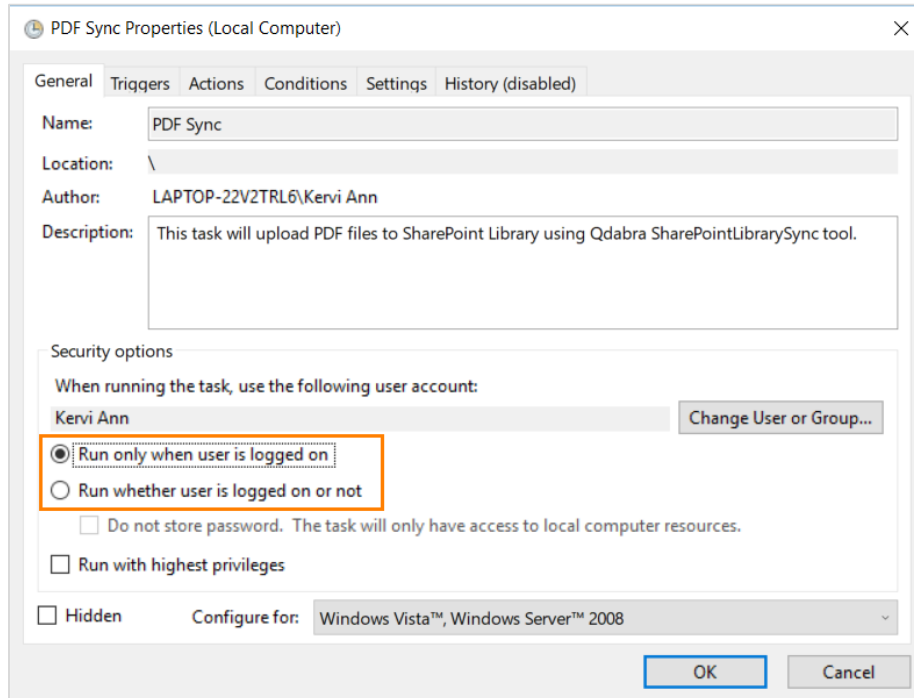
The screenshot shows the 'Create Basic Task Wizard' window, specifically the 'Summary' step. The window has a title bar with a close button. Below the title bar is a navigation pane on the left with options: Trigger, Daily, Action, Start a Program, and Finish (selected). The main area contains the following fields:

- Name:** PDF Sync
- Description:** This task will upload PDF files to SharePoint Library using Qdabra SharePointLibrarySync tool.
- Trigger:** Daily; At 12:00 PM every day
- Action:** Start a program; C:\SharePointLibrarySync\SharePointLibrarySync.exe settings.x
- ☒ **Open the Properties dialog for this task when I click Finish**

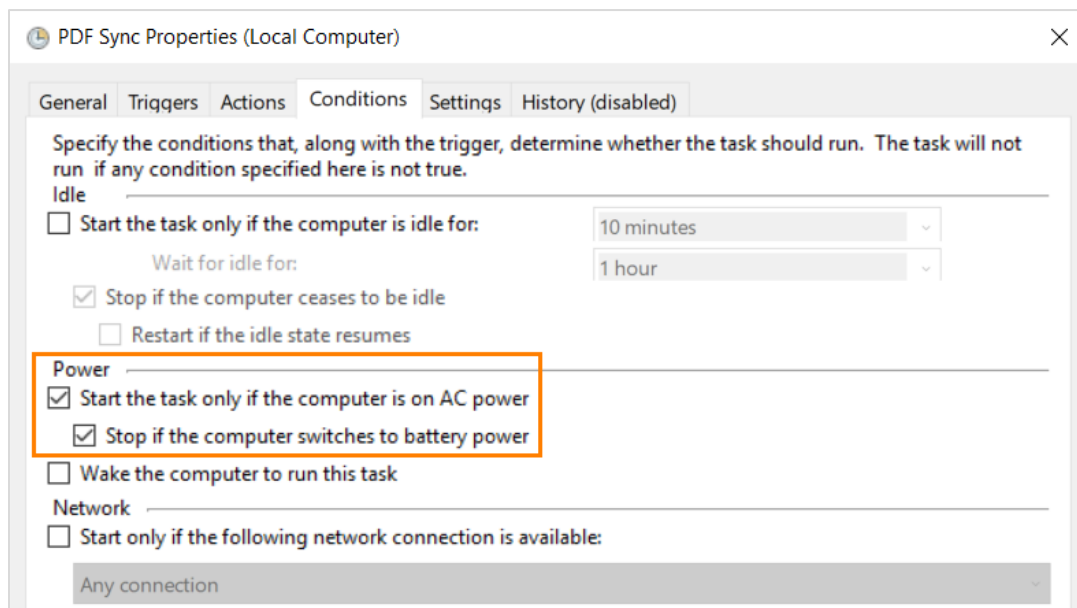
Below the checkbox, a note states: 'When you click Finish, the new task will be created and added to your Windows schedule.' At the bottom right, there are three buttons: '< Back', 'Finish' (highlighted), and 'Cancel'.

8. If you ticked the checkbox above, you can browse other properties for the task that you may need to update depending on your need.

For instance, you may choose whether to run the task when the user is logged on or not.

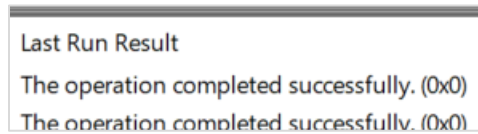


Under **Conditions** tab, you may also want to deselect the checkboxes under **Power** section if you want to start the task regardless if the computer is on AC or battery power.



9. Once you have finalized the properties, click **OK**.

In the Task Scheduler, you will see the following message once the program ran successfully.



You should also see that the PDF is now uploaded to your SharePoint Library:

✓		Name	Modified	Modified By
		sample 	... About an hour ago	☐ Kervi Alfafara
		sample2 	... 34 minutes ago	☐ Kervi Alfafara

Related Topics

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