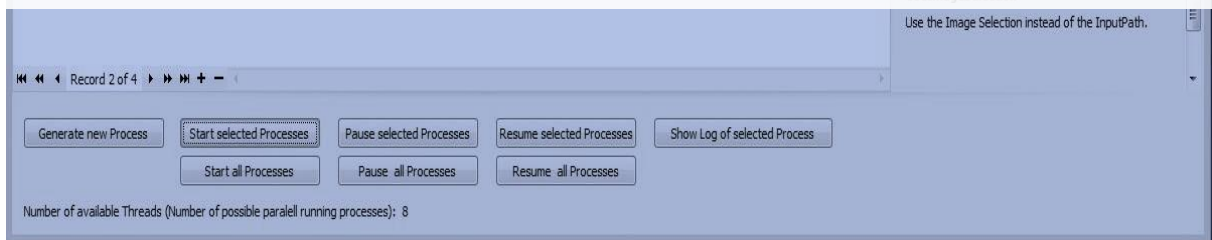


BATCHPROCESSOR USER GUIDE



1 Contents

1	Contents.....	1
2	What is the BatchProcessor	2
3	Gui	2
3.1	Processes grid	3
3.2	Process properties	4
3.3	Buttons.....	5
3.4	Main Menu	5
3.4.1	Menu File	5
3.4.2	Menu Options:.....	6
3.4.3	Menu Help.....	6

2 What is the BatchProcessor

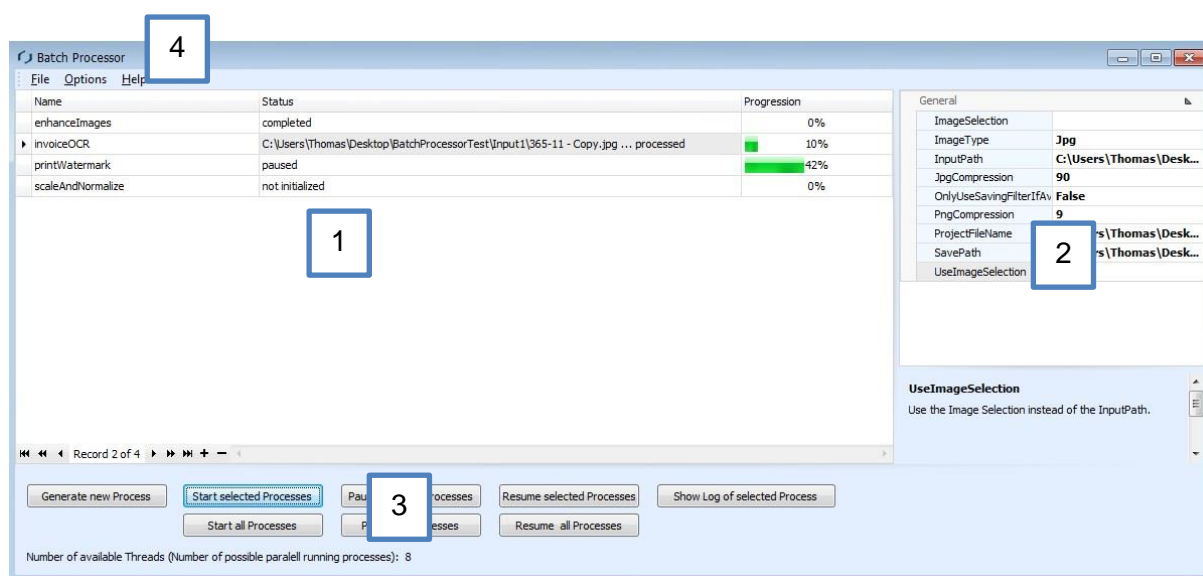
The BatchProcessor is a tool for running multiple SchiferVision projects simultaneously. It is thus more comfortable and flexible than using the “Apply to Folder” or “Apply to Image Selection” function of the SchiferVisionProjectDeveloper.

To develop a SchiferVision Project you need the SchiferVisionProjectDeveloper.

In the BatchProcessor you can generate so called processes, whereas each process loads a SchiferVisionProject and applies this project to a folder or an image selection. So for each process you specify some properties (more about this later) and after the process is fully initialized you can run it, pause it, and resume it until completion. You can generate as many processes as you like and you can run as many processes simultaneously as your system offers available threads, but a maximum of eight.

You can save your generated processes as BatchSet and reload it for further use.

3 Gui



1. A grid which shows all generated processes
2. The properties of the selected process
3. Buttons to start, pause ... the processes
4. The main menu for saving a BatchSet, changing the look and feel and so on

3.1 Processes grid

Name	Status	Progression
enhanceImages	completed	0%
▶ invoiceOCR	C:\Users\Thomas\Desktop\BatchProcessorTest\Input1\365-11.jpg ... processed	<div style="width: 10%; background-color: green;">10%</div>
printWatermark	paused	<div style="width: 42%; background-color: green;">42%</div>
scaleAndNormalize	not initialized	0%

Record 2 of 4

In the processes grid you see all your processes, the corresponding status and a progression.

The name simply shows the name of the SchiferVisionProject.

Possible statuses are:

- Not initialized: a process where not all necessary properties are defined to start the process
- Waiting: a process which is ready for starting
- Paused: a paused process
- The name of the image ... apply status: while the process runs

The progression simply shows a percentage of the completion of the operation.

You can select and deselect one or more processes by clicking with the left mouse button and hold down either shift or ctrl if you like to select more than one.

The focused (first clicked process) will be loaded to the property grid to the right.

3.2 Process properties

General	
ImageSelection	
ImageType	Jpg
InputPath	C:\Users\Thomas\Desk...
JpgCompression	90
OnlyUseSavingFilterIfAv	False
PngCompression	9
ProjectFileName	C:\Users\Thomas\Desk...
SavePath	C:\Users\Thomas\Desk...
UseImageSelection	False

ProjectFileName
Sets the path to the TSImagingProject.

ImageSelection: If you want to use an image selection instead of an input folder you can specify it here. If you click at the far right of the field a form for selecting the images analog to the image selection of the SchiferVisionProjectDeveloper opens. Only used if “UseImageSelection” is set to true.

ImageType: The image type used for saving. Only used if your project has no saving filter and “OnlyUseSavingFilterIfAvailable” is set to false.

InputPath: Her you can specify an input folder. To all images of this folder the project will be applied. Only used if “UseImageSelection” is set to false.

JpgCompression: The compression if the images should be saved as Jpgs. Only used if Image Type is Jpg.

OnlyUseSavingFilterIfAvailable: Your SchiferVisionProject may have a saving filter (a filter which does the saving itself). This filter will save your images during the process running. If you set OnlyUseSavingFilterIfAvailable to true only this saving will be done and the SavePath, ImageType and so on will be ignored. If your project has a saving filter and this is set to false, your images will be saved twice.

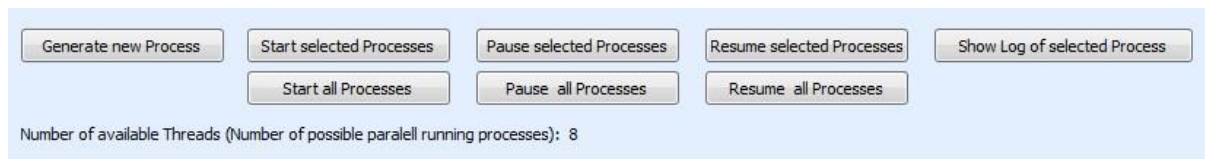
PngCompression: The compression if the images should be saved as Pngs. Only used if Image Type is Png.

ProjectFileName: The path to the SchiferVisionProject.

SavePath: The path where the finished images should be saved. Compare “OnlyUseSavingFilterIfAvailable” for further details.

UseImageSelection: Compare “ImageSelection” for further details.

3.3 Buttons



Generate new Process: Adds a row to the Processes Grid. You can achieve the same by pressing the plus at the bottom of this grid.

Hint: If you press the minus next to this plus you delete the selected process.

Start selected Processes: starts all selected processes.

Pause selected Processes: pauses all selected processes.

Resume selected Processes: resumes all selected processes.

Show Log of selected Process: opens a Form where you can see, whether the project applying to the single images was successful.

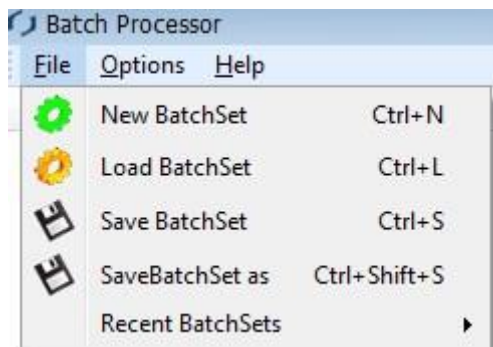
Start all Processes: starts all processes.

Pause all Processes: pauses all processes.

Resume all Processes: resumes all processes.

3.4 Main Menu

3.4.1 Menu File



New BatchSet: Clears the working space.

Load BatchSet: Opens a FileBrowseDialog where you can open a BatchSet.

Save BatchSet: Saves the current processes to the file if you have loaded it or already saved as.

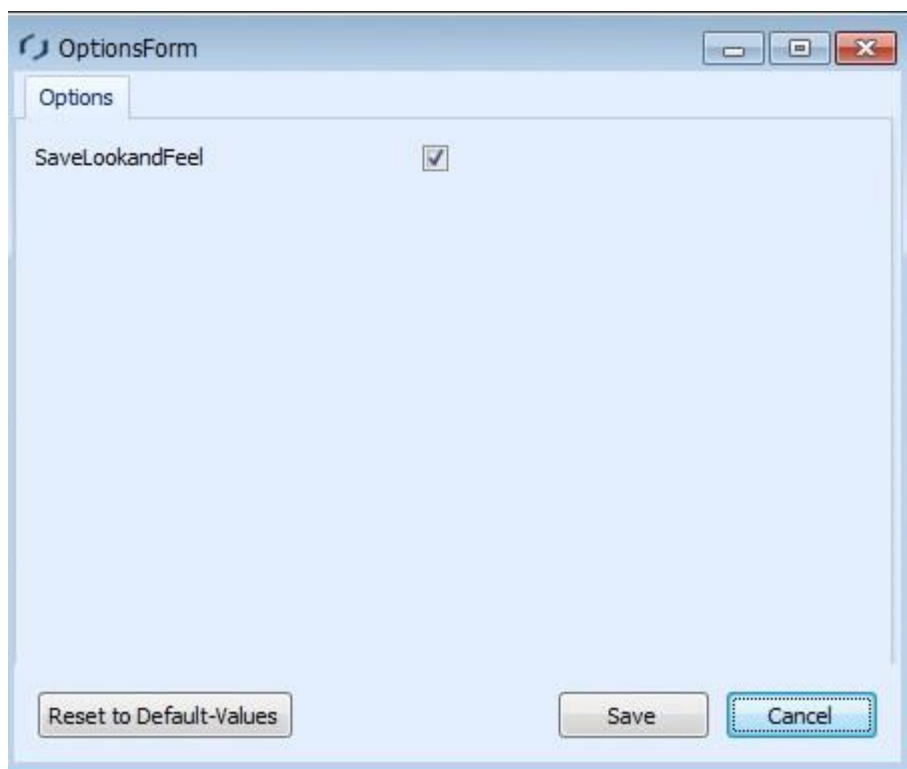
Save BatchSet as: Opens a FileSaveDialog and saves the current processes to a file.

Recent BatchSets: Shows a list of recently used BatchSets and opens one if you click it.

3.4.2 Menu Options:



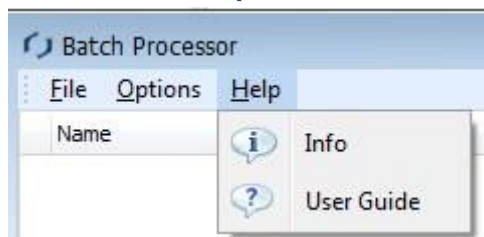
View Options: opens the following form:



SaveLookandFeel: If this is set and you close and reopen the form the last used LookandFeel will be used.

Look and Feel: changes the Look and Feel of the application.

3.4.3 Menu Help



Info: Opens a Form with infos about this application.

User Guide: Opens this document.