# How to work inPhoto ID PS with RenameFileByXL

**RenameFileByXL** is a command-line utility that renames image file using data from the **xls** file.

In this example, we'll connect **RenameFileByXL** to **inPhoto ID PS** and demonstrate its operation.

The xls file is used for this example looks so:

The file contain the tabulated records of students. To rename the image file, we will take values from first column **S/N** - student number. The required record would be searched by the student surname - **SURNAME** column.

**Step 1. Connecting RenameFileByXL to inPhoto ID PS**

Start **inPhoto ID PS**.

Open the **File** menu > **Options** > **External tools** tab.

Click the **Add** button. After that, the form will become available.

In the **Title** box enter the application title. The user may choose it at his/her own discretion.

In the **Command** box enter path to the application file **RenameFileByXL.exe**.

In the **Arguments** box enter following command line arguments:

**/excelFile** - path to the **xls** file. Required.

Example: /excelFile="C:\Program Files\ReFileXLS\XLS files\15BT81544827.xls"

**/imageFile** - path to the image file, you want to rename. Required.

Example: /imageFile="D:\Original\image.jpg"

**/visibleColumns** - column numbers, which will be displayed in the **RenameFileByXL** window. The column numbers 0, 1, 2, 3... matches A, B, C, D... columns in the **xls** file. Required.

Example: /visibleColumns=0,1,2

**/nameColumn** - column number, the values from the column will be used as name for image file. Required.

Example: /nameColumn=0

**/hasHeaderRow** - can accept **true** or **false**. If the table from xls file has the tittle, first row in the table should be excluded from search. **true** - first row of the table is excluded from search. **false** - first row of the table is not excluded from search.

By default, **/hasHeaderRow**=**false**.

In our example, the table contains the tittle. The tittle should be excluded from search, therefore we set **/hasHeaderRow**=**true**.

Example: /hasHeaderRow=true

**/destDir** - path to the folder, in which **RenameFileByXL** will save renamed photos. If the folder is not selected **RenameFileByXL** will save renamed photos in the folder that contains the original files. Optional.

Example: /destDir="D:\Result"

The whole string of command line arguments in our example looks so:

/excelFile="C:\Program Files\ReFileXLS\XLS files\15BT81544827.xls" /imageFile="D:\Original\image.jpg" /visibleColumns=0,1,2 /nameColumn=0 /hasHeaderRow=true /destDir="D:\Result"

*You can not configure settings to save a file and instead use* ***$(ImageList)****. By default, this value is located in the* ***Arguments*** *box. The* ***$(ImageList)*** *value contains the file name of captured image. So, you can just write* ***/imageFile=$(ImageList)*** *to the external tool get the file name of captured image.*

*In such case, the whole string of command line arguments in our example looks so:*

*/excelFile=$(ImageList) /imageFile="D:\Original\image.jpg" /visibleColumns=0,1,2 /nameColumn=0 /hasHeaderRow=true /destDir="D:\Result"*

Switch ON the **Run automatically after file processing** setting. If this setting is OFF, **RenameFileByXL** will not start.

Then, click **OK** button to save the connection settings.

**Step 2. Capturing, Processing and Saving of Image**

Start **inPhoto ID PS**.

Open the **File** menu > **Options** > the **Save file** tab.

Enter the filenameprefix, switch off the counter and select a folder in which the program will save captured and processed image. The filenameprefix should match the filename assigned to the **/imageFile** argument. Path to the folder to save images should match the path to the folder assigned to the **/imageFile** argument.

Other **inPhoto ID PS** settings set by default.

Press the **OK** button.

Then, capture image. To do this, click the **Capture to File** button. You can read more details on processing settings in User Guide in the **Processing** **settings** and **Processing** chapters.

After clicking the **Capture to File** button **RenameFileByXL** will save the processed image to the specified folder.

The **RenameFileByXL** program starts automatically after 1-2 seconds.

**Step 3. File Renaming**

Return to the **RenameFileByXL** window.

After **RenameFileByXL** started the **Search** field has focus. Start typing a surname of the searched student in the field.

If the table has one row after searching - click **OK** button. After that the image file will be renamed.

If the table has several rows after searching - select manually the required row.

After that the **OK** button is activated, click it and then the image file will be renamed.

Open the folder in which **RenameFileByXL** should save the renamed file and check the result.

In our example, the surname **ANGYER** matches to the number **6**. As shown in the picture below: the filename has changed from **image** to **6**.