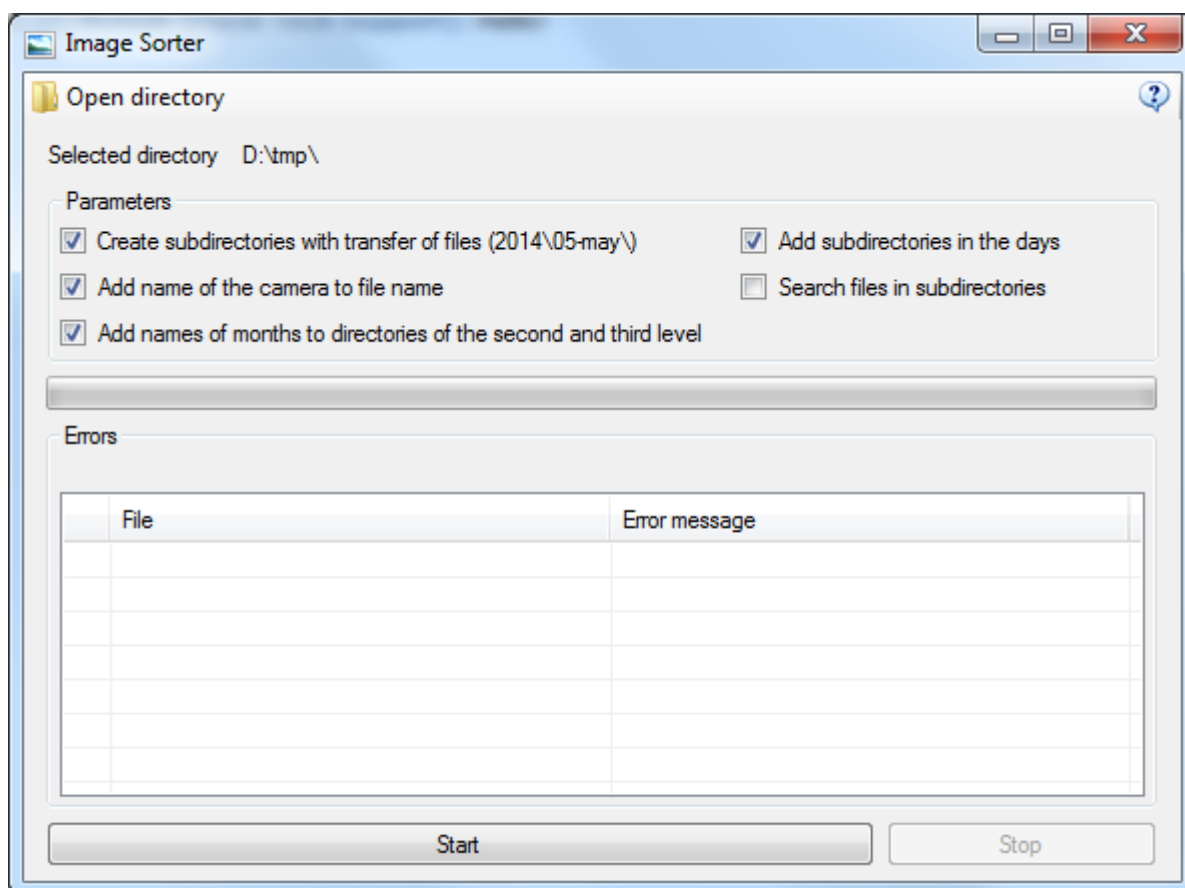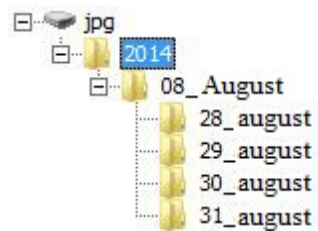# Image Sorter

Purpose

This software is designed for renaming and sorting by date the photos in JPG format (as well as in RAW format based on the format TIFF (CR2, NEF, etc.)) which have been recovered with RAW recovery mode.

Description of the interface

1. Open directory. Clicking this button opens a standard Windows dialog box to select a folder with photos saved through RAW recovery mode.

2. Selected directory. This is a status bar showing selected path.

3. Parameters. Image Sorter can work in two different modes – file rename (where the name of the file would be created from date of shoot) and file rename with file replacement through the catalog tree which has the following view:
-Year
---Month
-----Day

3.1 Create subdirectories with file transfer. This option will create catalogs Year-> Month. The day is ignored in this case. This mode is helpful when a customer requires to recover data for quite a long period, and so all the images belonging to this period will be moved to this directory.

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The directory structure will be the following:

Here 2014 stands for the year of shooting, and 08_August – for the month of shooting.

3.2 Add days into subdirectories. This option works together with the option of directory creation. Its main purpose is additional file sorting by date. This mode is helpful when a customer requires the results only for a particular day or for several few days. In this case, the directory structure will be the following:

Here 2014 stands for the year of shooting, 08_August – for the month of shooting, and 28,29,30,31_August – for the days of shooting.

3.3 Add the camera name to the file name. This option enables to add the name of the camera that was used for shooting to the resulting name. This mode can be helpful when photos taken by different cameras were saved at the same storage device, and your customer only needs the photos taken with one of the cameras.

3.4 Search files in subdirectories. This option does not affect the sorting algorithms, its main purpose is to browse and search files in the subdirectories of the selected directory.

3.5 Add month names to the directories of the second and the third level. This option enables or disables the addition of month names for directories. When this option is enabled, the names of the directories will be the following: C: \ Recovery \ 2014 \ 08_August \ 28_August\. If this option is disabled, the directories would be created as C: \ Recovery \ 2014 \ 08 \ 28 \

 4. Error log. This window can show different messages, the most common of which are:

4.1 Exif contains no date. This message appears if the device which makes the shooting does not fill in the appropriate field. These photos will not be sorted or renamed and will remain at the original locations.

4.2 Exif is missing. This message can occur if the device / software creating a JPG file does not save the standard information tags for some reason. Typically, this problem occurs with the images created by free image editors or downloaded from the Internet.

4.3 Unknown file format. This error occurs if the algorithm itself cannot determine the type of file.

4.4 File access error or File is in use by another process. As a rule, this error occurs when a file is open in another program.

System requirements

The software can be used on any computer running on NT-based operating systems:
• Windows XP SP3 (X86)
• Windows XP X64 SP1
• Windows Vista - all editions
• Windows 7 - all editions
• Windows 8 - all editions.
• Windows 8.1 - all editions

This software requires .NET Framework 2.0.
If you don't have it installed, it can be downloaded here.

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