

JPEG Twix - 512 BYTE

Help

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1. The **JPEG Twix** software reads jpeg format photos (.jpg, jpeg) in selected directory and sort them by subdirectories depending on the set of parameters:

- **Small photos filter** is used for photos whose resolution is less than the specified. Such photos will be placed in the folder *small*.
- **Mark broken:**
 - 1..1.**By markers** is a quick check that moves corrupted files to the folder *bad by markers* without using the Huffman check algorithm.
 - 1..2.**Delete clones** option deletes cloned files from the folder.
 - 1..3.**By Huffman** option is a full check of corrupted photos by the Huffman method. A corrupted file moves to folder *bad by Huffman*.
 - 1..4.**E0-E1-DB** option sorts photos by signature of the first 4 bytes:
 - FFD8FFE0 is a signature with which usually start the edited photo;
 - FFD8FFE1 is a signature with which usually start the original photo,
 - FFD8FFDB is a signature with which usually start the internet trash photo.

Files moves to the folders *E0*, *E1* and *DB*.

- **Sort by size** option sorts photos depending on the specified resolution by folders.
- **Sort by date** option renames photos depending on the received shooting date and time (not the modification date), if it's possible.
- **Delete broken files** option deletes folders with corrupted files *bad by markers* and *bad by Huffman* after sorting.

2. **System requirements:**

- Operation system: Windows 7, Windows 10.
- Hard disk drive: no less than 10MB of the free space on a disk.
- RAM: no less than 1 GB

3. Full and DEMO versions, restrictions.

Full version of JPEG Twix (file *Jpeg Twix.exe*). This software works and gives full functional only if file *regkey.dat* is available with the conditions according to the purchased license.

DEMO version of JPEG Twix (file *Jpeg Twix Demo.exe*). It provides only main functionality of the software, such as checking by Huffman with the restriction: first 64 files will be processed at standard speed, but the following will be processed slower and slower.

Demo version is a single file that does not need any license file.

4. Purchase and software installation.

Demo version requires to download the latest version of **Jpeg Twix** from the website <http://soft.512byte.ua/> and to run *Jpeg Twix Demo.exe*.

The full version requires the next steps:

1. Pay the license on the website <http://soft.512byte.ua/>.
2. Wait for receiving files *GetHardwareIDwl.exe* and *Jpeg Twix.exe* by E-mail mentioned in the previous point.
3. Run the software *GetHardwareIDwl.exe* on the PC where *Jpeg Twix.exe* is planned to be used.
 - 3.1. Send to E-mail: soft@512byte.ua the text file *HardwareID.txt* with information about the equipment. Example of the *HardwareID.txt* file content: "Your Hardware ID: 1055-4E4B-5E3C-9DA0-6F37-EBCA-281B-3CF8".
4. Wait till the file with the license *regkey.dat* will be received by the mentioned E-mail.
5. Place the received *regkey.dat* file in the folder with *Jpeg Twix.exe*.
6. Run *Jpeg Twix.exe*.

5. Order of use of the software. Interface.

To run Jpeg Twix, you must provide administrator rights.

The main software's window is used for setting of input data and basic parameters.

The screenshot shows the Jpeg Twix software interface with the following elements:

- Menu:** About, Help, Settings
- Step 1. Filter small files:** Width x Height < 640 x 480. Radio buttons for Delete and Move (selected). Small files: 0. Start button.
- Step 2. Mark broken:** Buttons for 2.1 Markers, 2.2 Delete clones, 2.3 Huffman, and 2.4 E0-E1-DB. Start button.
- Step 3. Sort by size:** Norm1:WxH <= 640 x 480, Norm2:WxH <= 800 x 600, Norm3:WxH <= 1600 x 1200, Norm4:WxH <= 2000 x 1500, Norm5:WxH <= 3000 x 2000. Start button.
- Step 4. Sort by date:** Start button.
- All steps:** Checkboxes for 1 Filter small files, 2.1 Markers, 2.2 Delete clones, 2.3 Huffman, 2.4 E0-E1-DB, 3 Sort by size, 4 Sort by date, 5 Delete broken files. Start button.
- Statistics:** Number of files: 0, Broken files: 0, Current step: 1, Files checked: 0.
- Current file:** (empty field)

Step 1. Small files filter elements set the parameters to filter out small photos.

“Width x Height” sets minimum photo resolution. “Delete/Move” is responsible for moving photos to folder *small* or deleting them.

Step 2. Mark Broken option allows you to choose one of the checking methods that were described in [Short software description](#) section.

Step 3. Sort by size elements set the parameters to filter out photos depending on size specified “WxH” boxes.

Step 4. Sort by date option allows you to rename photos depending on the received shooting date (not the modification date), if it's possible.

All Steps option allows you to choose multiple steps and run it at once.

Settings -> Save settings allows you to save the input parameters for future usage, even after application is closed.

Settings -> Set defaults returns defaults settings.

6. Software's messages description.

In case of unhandled exceptions, the software will show a window with an error, file name that causes that error which will also be written to the *Error_log.txt* file.

If you see this message, please contact us by e-mail soft@512byte.ua

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