

# GizmoPictResize Help Version 1.3.0

January, 25 2011



Figure 1: **GizmoPictResize** Version 1.3.0

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## 1 What is the use for **GizmoPictResize** ?

**GizmoPictResize** a program permitting an elementary management of the pictures of various formats (.bmp,.jpg,.png,.tiff,.gif). With **GizmoPictResize** one can :

- Examine pictures by folder.
- Rename pictures.
- Suppress some pictures.
- Select some pictures to print contact sheets or save them in a new folder.
- Modify some pictures to print them or to save the modifications in a new folder or the original folder.
- Modify a picture and add it to the original folder.

The modifications of pictures remain simple and elementary :

- Sepia effect
- Black and white effect
- Smoothing
- Reenforcement
- Inversion of the colors
- Brightness
- Contrast
- Rotation
- Mirror effects
- Cropping

Note that you may change the language (to english or french) of the interface by using the **Preferences** Item of the **Help (?)** menu.

## 2 What is new in version 1.2.0

- The picture size is not longer limited by the printer paper size but to 5000 pixels.
- Improvement in the safeguard of pictures with long names (> 32 characters).
- Saved pictures in contact mode are changed also by the transformations.
- Introduction of Sparkle: automatic application update.

## 3 What is new in version 1.3.0

- Taking better account of Unicode names.
- The printing of contacts can be made with the original size of the images (limited by the size of paper).
- The transformed images retain their creation date.
- It is possible to change the date of creation and modification of an image.

**One has also improved a few points of ergonomics:**

- You can copy the changes made on an image to paste on another.
- One has improved cropping images.
- You can choose the color of the main window (see Figure [\[2\]](#)).

## 4 How to use GizmoPictResize ?

**GizmoPictResize** main window has four zones:

- Zone A: has the buttons for the main functions.
- Zone B: here is the picture list. This list contains their names, their orientation (O): (P) for portrait, (L) for Landscape. Moreover a contextual menu allows to delete, rename and select pictures.
- Zone C: data about the contact sheets. The orientation of the paper for printing can be selected by menu **Fichier**→**Mise en page**.
- Zone D: view of the current picture. **This image has not the size of the source image. It has been enlarged or reduced to allow geometric transformations.**

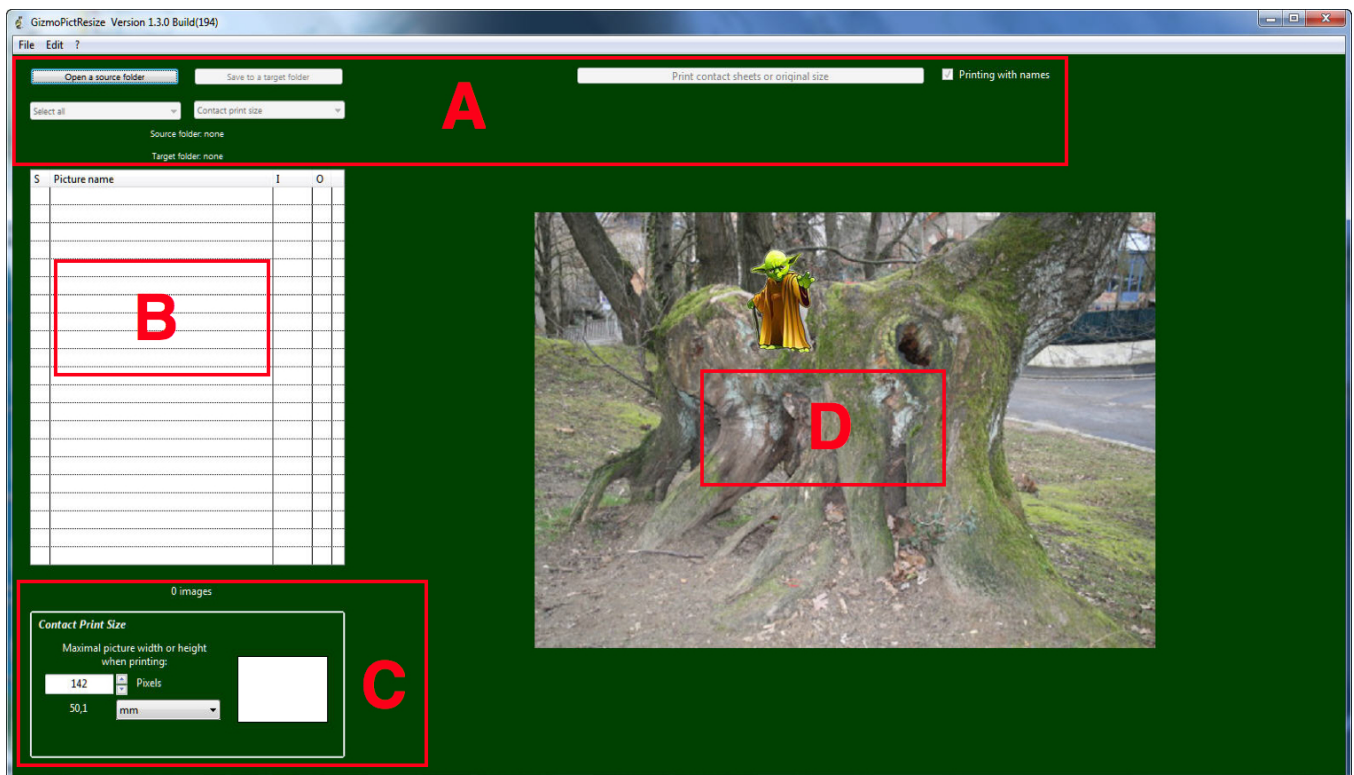


Figure 2: Main window. The list of images appears in Zone **B** when you have chosen a source folder. Note that the color of the window can be chosen by the user (see Figure [15]).

Once launched, the program lets you choose a source folder where are located the images you want to manipulate.

But you can start immediately by clicking the button **selection of a source folder** or by typing **Ctrl+O**. When the pictures are loaded, you observe the following changes:

- The picture list is visible in zone **B**.
- The current picture is shown in zone **D**.
- The data of the contact sheets are updated (Fig. 3).
- The tools window is visible (Fig. 4).

You can modify the contact sheets parameters by changing the maximal width or height of the pictures or by selecting the pictures (clicking on the first column from zone **B** or using the popup menu **Select all** ou **Select none** or typing **Ctrl+A**.

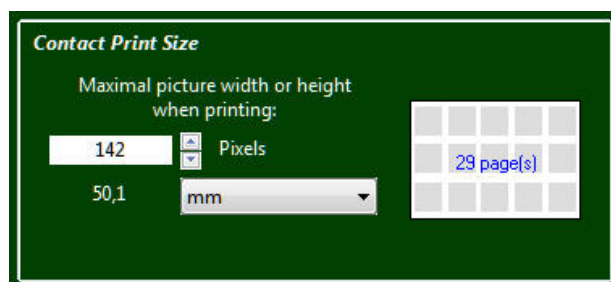


Figure 3: Data contact sheets: this is where you can change the size of original images to save them to another folder or print them. The maximum size is 5000 pixels for backup, but it is limited to the size allowed by the printer for printing. Please note indicating the number of pages requested by the print function of the size chosen.

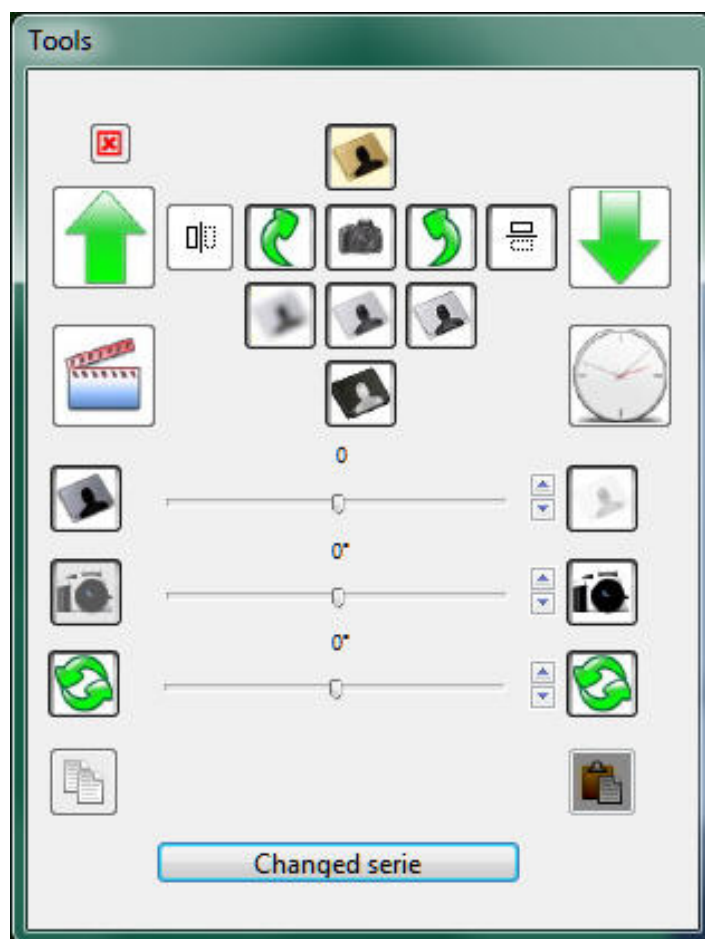


Figure 4: The tools window. Note the little indicator at the top right. When checked in red it indicates that the current image has suffered one or more transformation.

## 5 Tools description.

All transformations (geometric or photographic) are recorded in memory. These changes can be undone either by clicking the **Undo** button Fig. 10) to cancel changes in the current picture, either by clicking the button **Modified series** to cancel all changes to all images.



Figure 5: Navigation tools: used to move through the list of selected images. These arrows to move among the *selected images*. You may use the **keyboard Up and Down arrows** to move among all pictures.



Figure 6: Tools for geometric picture transformations. *From left to right*: horizontal mirror (1), rotation 90 to the right (2), rotation 90 to left (3), vertical mirror (4) .

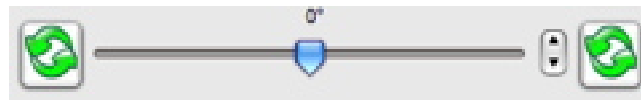


Figure 7: Tools for geometric picture transformations: pictures rotation *with an arbitrary angle*.



Figure 8: Tools for photographic picture transformation. *From left to right*: sepia effect (1), smoothing (2), transformation to black and white (3), sharpening (4), color inversion (5) .

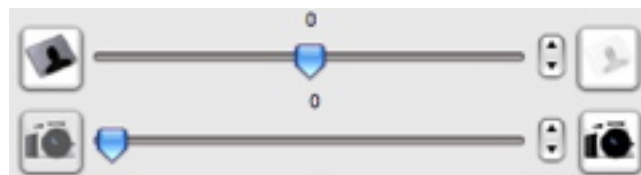


Figure 9: Tools for photographic picture transformation: luminosity and contrast .



Figure 10: **Undo** all geometric and photographic transformations .

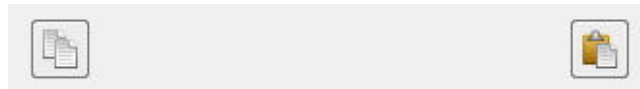


Figure 11: Copier/Coller les transformations gomtriques et photographiques d'une image l'autre.



Figure 12: Help for cropping pictures: when clicking on the first icon (1), the icon becomes a cropping tool (3), the watch (2) becomes a camera (4). Then you may adjust the cropping of the picture. If you click on the icon (4) or typing **Carriage Return**, the cropped image is added to the image list . You may also start the cropping by using the contextual menu [14] or typing **Ctrl+K**. You can abort the cropping action by typing **Escape**

## 6 The menus.

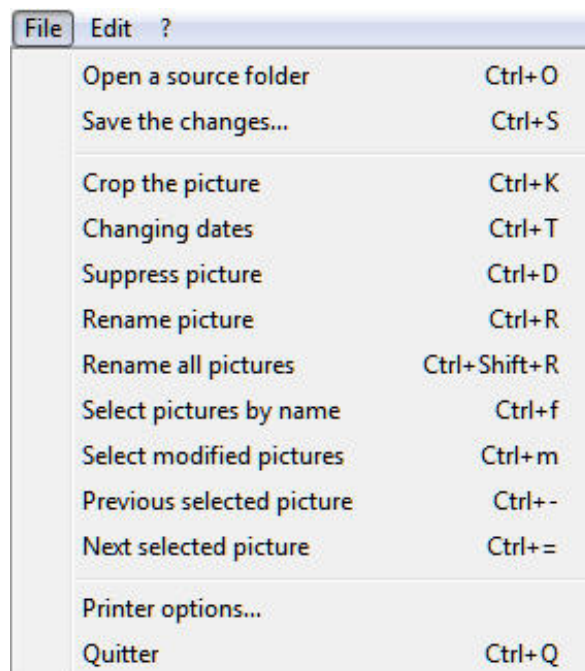


Figure 13: Menu File.

Note that the item **Save the changes** can copy changes due to geometric transformations or photographs in the source folder. Modified images retain their creation date. Only their modification date is changed.

In the picture list (zone B from figure 2) you have access to a contextual menu (by a right-click or a control-click). This menu (see figure[14]) allows the following actions:

- Cropping the picture (**Ctrl+K**).
- Changing date (**Ctrl+T**).
- Suppress picture (**Ctrl+D**).
- Rename picture (**Ctrl+R**).
- Rename all pictures (**Ctrl+Maj+R**).
- Select pictures by name (**Ctrl+F**).

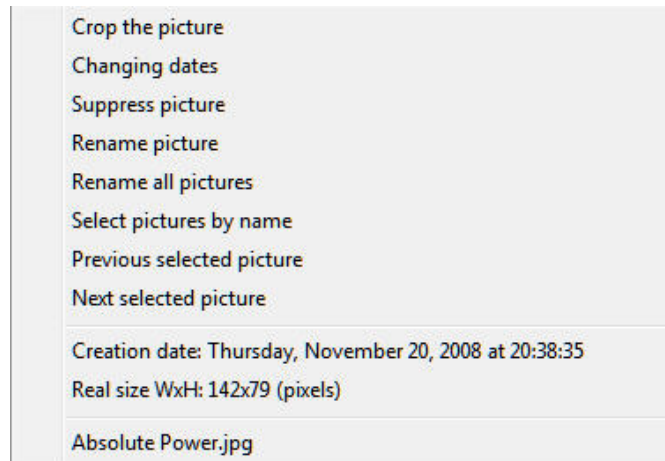


Figure 14: Menu contextuel de la liste des images .

- Previous selected picture (**Ctrl+-**).
- Next selected picture (**Ctrl+=**).

For convenience, this menu shows the creation date, size and name of the current image.



Figure 15: **Contextual menu of the main window:** You can choose the color of the window and texts. *Default text color is the color negative of the window but can be changed by selecting the text color..*



## 7 Cropping pictures.



Figure 16: **Cropping images.** To start the crop, either you hit **Ctrl+K**, or use the contextual menu of the list of images (figure [14]), , or clicking on the button (1) of the figure [12]. To define the new frame, simply move the upper left or lower right corner of the selection area. One can also drag the entire selection area. *To validate the selection*, tap the **Enter** key or click the **button** (4) of the figure [14]. *To abandon the crop*, type the **Escape** key. Note that the actual size of the cropped image is shown at the bottom of the selection area.

The trimmed image becomes a **new image of the source folder**. It bears the same name as the original image with a marker indicating the date of creation: **#DD MM YYYY#HH-SS-MN#**. Creation date is not changed, *the modification date only*.

## 8 Printing.

Before printing you should choose the print size by the dropdown menu **Contact print size,Original size**. The size of the contacts can be defined in Area C (Fig. 3). *If the print size is larger than the capacity of the printer, the printed size is limited automatically to the printable area of paper.*

Printing is started by clicking the button **Print at contacts size or at original size**. This impression can be made with or without the name of each picture (with Check box **Printing with names**). The selected images are printed **taking into account the geometric and photographic transformations**.

## 9 Saving.

By clicking the button **Choose a target folder**, the images selected in the list are stored in the target taking into account the transformations. Images are saved with the size chosen for contacts or their original size. (Use the dropdown menu **Contact print size,Original size**).

Images modified by transformations can replace the corresponding images of the source file using the item **Save the changes** of the File Menu or typing **Cmd + S** (see Figure [13]). Besides, when you exit

**GizmoPictResize** and you did undergo transformations to images, the program asks if you want to save. In this case, the original images will be changed in the source while keeping their creation date (but not the modification date).