

Retouching images

Welcome to Corel PHOTO-PAINT®, a powerful bitmap image-editing application that lets you retouch existing photos or create original graphics.

In this tutorial, you'll learn how to retouch a scanned image, making it suitable for e-mailing.

What you will learn

In this tutorial, you will learn

- to straighten and crop an image
- to remove red-eye from an image
- to remove imperfections from an image by blending
- to adjust image color and tone
- to clone out unwanted areas
- to save to a new file format

This is what the image looks like before corrections:



This is what the image will look like after corrections:



To open the image

You'll start by opening the sample file.

- 1 Click **File ► Open**.
- 2 From the **Files of type** list box, choose **TIF - TIFF Bitmap**.
- 3 Choose the folder **Program files\Corel\Corel Graphics X4\Tutorial files**.
- 4 Double-click the filename **start.tif**.

To straighten and crop the image

The scanned image is slightly askew. You will use the **Straighten image** command to align the image.







- 1 Click **Adjust ► Straighten image**.
- 2 In the **Straighten Image** dialog box, move the **Rotate image** slider to **5°**.
You can also type **5** in the box.
- 3 Click **OK**.


The image is aligned and cropped. This is what the image should look like:



To remove red-eye

Now, you'll use the **Red-eye removal** tool to remove the redness from the girl's eyes. Red-eye occurs when light from a flash reflects off the back of the eye.

- 1 In the toolbox, click the **Red-eye removal** tool .
- 2 From the **Nib shape** picker  on the property bar, choose the third brush in the top row.
- 3 In the **Size** box  , type **30**.
- 4 From the **Tolerance** drop-down list  , choose **3**.
- 5 Click in the red area of each of the girl's eyes, and dab with the brush to remove the red color.

If you want to take a closer look at the image, choose the **Zoom** tool  from the toolbox. Click an area of the image to zoom in; right-click to zoom out.



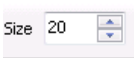
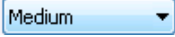
This is what the image should look like:



To touch up the image

You can remove imperfections, such as tears, scratch marks, and wrinkles, from an image by blending its textures and colors. You choose the range of pixels necessary to retouch the image, depending on the size of the correction and the area surrounding it.

Now, you'll use the **Touch-up brush** tool to remove the scratch from the girl's forehead.


- 1 In the toolbox, click the **Touch-up brush** tool .
- 2 From the **Nib shape** picker  on the property bar, choose the third brush in the top row.
- 3 In the **Size** box , type **20** to specify the nib size.
- 4 From the **Strength** box , choose **Medium** to set the intensity of the effect.
- 5 Dab the brush on the scratched area on the forehead.

This is what the image should look like:

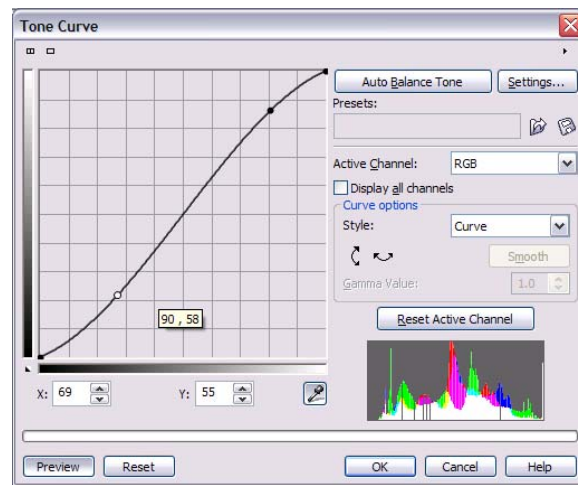


To adjust image color and tone

Corel PHOTO-PAINT provides you with a tone curve and histogram to help you make adjustments to the color and tone of images. In the following procedure, you will adjust the image's color and tone by using the Tone Curve dialog box.

- 1 Click **Adjust ► Tone curve**.
- 2 In the **Tone curve** dialog box, click the **Eyedropper** tool , and click in the image on the girl's tooth to select a white point.
- 3 Click in the image on the dark color at the bottom of the left pigtail to select a black point.
Two nodes appear on the tone curve.
- 4 Drag the top node to the left to adjust the highlights in the image.
As you drag the node to the left, the histogram in the **Tone curve** dialog box shifts to the right. If you move the node too far to the left, you will lose highlights in the image.
- 5 Drag the bottom node to the right to adjust the shadows in the image.

As you drag the node to the right, the histogram shifts to the left. If you move the node too far to the right, you will lose shadow detail in the image.



For best results, your tone curve should resemble the example above.



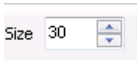

6 Click **OK**.

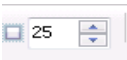
This is what the image should look like:



To remove the tear

Now you will remove the tear in the photo by using the **Clone** tool. The **Clone** tool consists of two brushes: a source point brush and a clone brush that applies the copied pixels from the source point.

- 1 In the toolbox, click the **Clone** tool .
- 2 On the property bar, choose the **Round nib** shape .
- 3 In the **Size** box  , type **30**.
- 4 On the property bar, click the **Open advanced options** button .

- 5 In the **Feather** box , type **25**.
- 6 Click near the tear to create a source point.
A cross-hair displays in the source point brush to distinguish it from the clone brush.
- 7 Click on the tear (as shown by the second circle in the image below) to set the clone brush.



- 8 Drag along the tear to remove it.
Once you set the source point and the clone brush, they move together, so that the source point brush samples pixels continuously as it moves across the image.



- 9 To reset the source point, right-click where you want to place the crosshair, then left-click and drag to clone pixels.

This is what the final image should look like:



To save to a new file format

Corel PHOTO-PAINT offers a wide variety of file formats. The sample image is a scanned photo saved as a TIFF file. If you want to e-mail an image, you probably want to change the file format in order to reduce the file size.

You'll save the sample image in the JPEG format.

- 1 Click **File ► Save as**.
- 2 From the **Files of type** list box, choose **JPG - JPEG bitmaps**.
- 3 From the **Save in** list box, choose the drive and folder where you want to save the file.
- 4 Click **Save**.
- 5 In the **JPEG export** dialog box, drag inside the **Original** preview window to view other parts of the image and compare them with the image in the **Result** preview window.
- 6 Move the **Compression** slider to change the file size, which is displayed in the lower-right corner of the dialog box.

A higher compression number results in a smaller file size but decreases image quality.
- 7 Set any other options you want.
- 8 Click **OK**.

From here . . .

You can explore Corel PHOTO-PAINT on your own, or you can learn more by completing other CorelTUTOR™ tutorials.

For more information about the topics and tools discussed in this tutorial, refer to the Help. To access Corel PHOTO-PAINT Help, click **Help ► Help topics**.

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