Python Pillow - Resizing an Image

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Most of the digital image is a two-dimensional plane of pixels and it has a width and height. The Image module from pillow library has an attribute size. This tuple consists of width and height of the image as its elements. To resize an image, you call the resize() method of pillow’s image class by giving width and height.

Resize and save the resized image

The program for resizing and saving the resized image is given below −

#Import required Image library

from PIL import Image

#Create an Image Object from an Image

im = Image.open("images/cat.jpg")

#Display actual image

im.show()

#Make the new image half the width and half the height of the original image

resized\_im = im.resize((round(im.size[0]\*0.5), round(im.size[1]\*0.5)))

#Display the resized imaged

resized\_im.show()

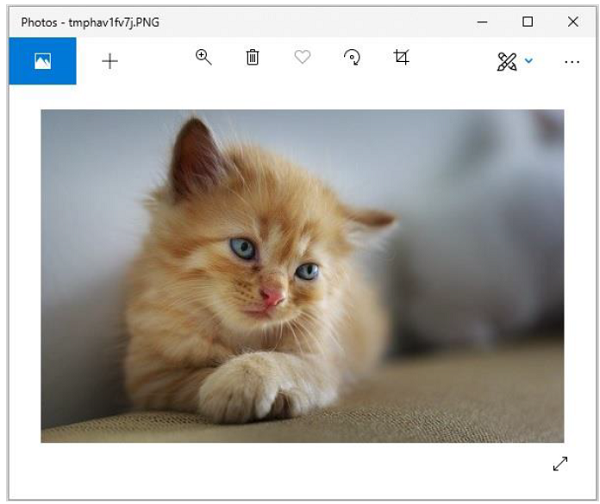
#Save the cropped image

resized\_im.save('resizedBeach1.jpg')

Output

If you save the above program as Example.py and execute, it displays the original and resized images using standard PNG display utility, as follows −

**Original Image**



**Resized Image**

