Python Pillow - Cropping an Image

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Cropping is one of the important operations of the image processing to remove unwanted portions of an image as well as to add required features to an image. It is widely used process in web applications, for uploading an image.

The crop() function of the image class in Pillow requires the portion to be cropped as rectangle. The rectangle portion to be cropped from an image is specified as a four-element tuple and returns the rectangle portion of the image that has been cropped as an image Object.

Example

Following example demonstrates how to rotate an image using python pillow −

#Import required Image library

from PIL import Image

#Create an Image Object from an Image

im = Image.open('images/elephant.jpg')

#Display actual image

im.show()

#left, upper, right, lowe

#Crop

cropped = im.crop((1,2,300,300))

#Display the cropped portion

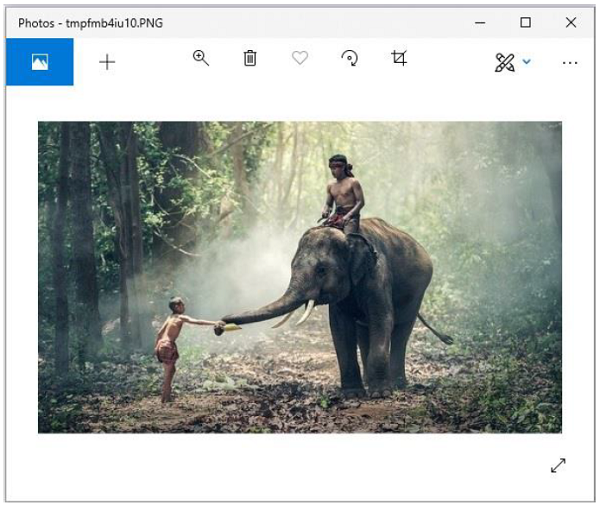
cropped.show()

#Save the cropped image

cropped.save('images/croppedBeach1.jpg')

Output

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

**Original image**

**Cropped image**