

# EILabs Image Activities

## 1 Package Name

**EILabs.ImageActivities.1.0.0**

## 2 Description

This package contains two custom activities for image processing. These activities can be used in UiPath Studio for convert image from one format to other format and to resize image files. Custom activities have been created using Visual Studio 2017 and .Net Framework 4.5.2

UiPath Studio version : 2018.2.3

## 3 Activities

### 3.1 Convert Image

This activity converts image into one format to another format. Supported formats are: **JPG, BMP, PNG and GIF**

#### 3.1.1 Input

**Convert\_To\_Type:** *Type = string*, Mandatory = Yes, Allowed Values = "jpg", "png", "gif", "bmp"

Target format into which file has to be converted

**ImagePath:** *Type= string*, Mandatory = Yes

Path of the input Image file

**OutputFolder:** *Type=string*, Mandatory = No

Output folder path, if left empty, input file's folder is used for the output

**ConvertedFilePath:** *Type = string*, Mandatory = No

Path where converted file is saved

### 3.2 Resize Image

This activity is used to resize image file and resized file is saved with file size in its name for convenience. File format is not changed

There are two types of resizing is done

- (i) Absolute pixel values, when width and height is provided by the user in pixels
- (ii) Percentage, image aspect ratio is maintained, and file is reduced equal to the percentage given by the user.

### 3.2.1 Input

**ImagePath:** *Type= string*, Mandatory = Yes

Path of the input Image file

**OutputFolder:** *Type=string*, Mandatory = No

Output folder path, if left empty, input file's folder is used for the output

**Percentage\_Reduction:** *Type = bool*, Mandatory = Yes, used along with input Percentage\_Value

= True, when file size is changed based on percentage and aspect ratio is maintained

= False, absolute value of width and height are used in pixels to change the file size

**Percentage\_Value:** *Type = int* , Mandatory = No. Allowed Value > 0 and <= 100

Used if Percentage\_Reduction == True

**Size\_X :** *Type =int*

**Width of the output file in pixels**

**Size\_Y :** *Type = int*

**Height of output file**