

## ImageXPro – Java Sample Code:

The ImageXPro SDK allows the performing the image operation on the buffered image. The different image operation is Brightness, Contrast, Edge Detection, Smoothness, Sharpness, and Invert.

The Following method identifies how to use the ImageXPro SDK: -

[boolean canSupportedOperation\(String operName,int operValue\)](#)

### **Function Details:**

This function identifies if the image operation is supported or not and also checks corresponding value according to each image operation like Brightness, Contrast, Edge Detection, Smoothness, Sharpness, and Invert.

### **Parameter Details:**

operName: An Identify the operation name of the Image. The different types of operName is Brightness, Contrast, Edge Detection, Smoothness, Sharpness, Invert  
operValue: An Identify the value of the image operation

### **Calling of Function:**

```
MSImageProcessEngine engine;  
engine. canSupportedOperation(operName,operValue);
```

[void loadParameterBlock\(String operName, int operValue\)](#)

### **Function Details:**

This function is used for loading all operation values according to the image operation, i.e. Brightness, Contrast, Edge Detection, Smoothness, Sharpness, and Invert.

### **Parameter Details:**

operName: An Identify the operation name of the Image. The different types of operName is Brightness, Contrast, Edge Detection, Smoothness, Sharpness, Invert  
operValue: An Identify the value of the image operation

### **Calling of Function:**

```
MSImageProcessEngine engine;  
engine. loadParameterBlock (operName,operValue);
```

[BufferedImage process \(BufferedImage img\)](#)

### **Function Details:**

This function is performing the image operation on the image and return the operated image.

**Parameter Details:**

img: is the original image, which the operation is performed on it.

**Calling of Function:**

MSImageProcessEngine engine;

engine. process (img);