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294.0/614.0MB

Projects Files Services

Start Page Gradients.java Gradient.java

Source History

```
27 Gradient obj = new Gradient();
28 int maskSize = 3;
29 byte[][] basicGradientOutput1 = obj.calc_basic1(grayInput, 0, maskSize);
30
31 BufferedImage basicOutput1 = ImageIo.setGrayByteImageArray2DToBufferedImage(basicGradientOutput1);
32 ImageIo.writeImage(basicOutput1, "jpg", "UTB_Basicgradient01.jpg");
33
34
35 // Calculate and write Basic gradient-02 image
36 byte[][] basicGradientOutput2 = obj.calc_basic1(grayInput, 0, maskSize);
37
38 BufferedImage basicOutput2 = ImageIo.setGrayByteImageArray2DToBufferedImage(basicGradientOutput2);
39 ImageIo.writeImage(basicOutput2, "jpg", "UTB_Basicgradient02.jpg");
40
41
42 // Calculate and write Robert gradient image
43 byte[][] robertGradientOutput = obj.calc_robert(grayInput, 0, maskSize);
44
45 BufferedImage robertOutput = ImageIo.setGrayByteImageArray2DToBufferedImage(robertGradientOutput);
46 ImageIo.writeImage(robertOutput, "jpg", "UTB_Robertgradient.jpg");
47
48
49 // Calculate and write Sobel gradient image
50 byte[][] sobelGradientOutput = obj.calc_sobel(grayInput, 0, maskSize);
51
52 BufferedImage sobelOutput = ImageIo.setGrayByteImageArray2DToBufferedImage(sobelGradientOutput);
53 ImageIo.writeImage(sobelOutput, "jpg", "UTB_Sobelgradient.jpg");
54
55
56 // Calculate and write Prewitt gradient image
57 byte[][] prewittGradientOutput = obj.calc_prewitt(grayInput, 0, maskSize);
58
```

gradients.Gradients main

Output - Gradients (run)

```
run:
getBytesImageArray1DFromBufferedImage Gray-Byte TYPE_BYTE_GRAY
Row_Siz= 393 Cols_Size = 582
Image Length (1-D Array) = 228726
Image Row Length (2-D Array) = 393
Image Column Length (2-D Array) = 582
BUILD SUCCESSFUL (total time: 0 seconds)
```

61:6 INS Windows (CRLF)