Picture Lab Quick Reference

DigitalPicture Interface

Pixel[][] getPixels2D() void explore()

// implemented in SimplePicture

// implemented in SimplePicture

boolean write(String fileName) // implemented in SimplePicture

SimplePicture Class (implements Digital Picture)

public SimplePicture()

public SimplePicture(int width, int height)

public SimplePicture(SimplePicture copyPicture)

public SimplePicture(String fileName)

public Pixel[][] getPixels2D()

public void explore()

public boolean write(String fileName)

Picture Class (extends SimplePicture)

public Picture()

public Picture(int height, int width)

public Picture(Picture copyPicture)

public Picture(String fileName)

public Pixel[][] getPixels2D() // from SimplePicture

public void explore() // from SimplePicture

public boolean write(String fileName) // from SimplePicture

Pixel Class

public double colorDistance(Color testColor)

public double getAverage()

public int getRed()

public int getGreen()

public int getBlue()

public Color getColor()

public int getRow()

public int getCol()

public void setRed(int value)

public void setGreen(int value)

public void setBlue(int value)

public void setColor(Color newColor)

java.awt.Color Class

public Color(int r, int g, int b) public int getRed()

public int getGreen()

public int getBlue()