Interface: ImageProcessingCommand
+ execute(Image Processing Model): Image Processing Model

Interface: ImageProcessingController
+ start()

VerticalFlipCommand
+ execute(Image Processing Model): ImageProcessingModel

GreenCompCommand
+ execute(Image Processing Model): ImageProcessingModel

RedCompCommand
+ execute(Image Processing Model): ImageProcessingModel

BlueCompCommand
+ execute(Image Processing Model): ImageProcessingModel

IntensityCommand
+ execute(Image Processing Model): ImageProcessingModel

ImageProcessingControllerImpl
+ start()
- initiateComms()
- writeMessage(String)
- welcomeMessage()
- printInstructions()

BrightnessCommand
+ execute(Image Processing Model): ImageProcessingModel

HorizontalFlipCommand
+ execute(Image Processing Model): ImageProcessingModel

LumaCommand
+ execute(Image Processing Model): ImageProcessingModel

ValueCommand
+ execute(Image Processing Model): ImageProcessingModel

Interface: ImageProcessingModel
+ returnRedImage(): ImageProcessingModel
+ returnGreenImage(): ImageProcessingModel
+ returnBlueImage(): ImageProcessingModel
+ returnValueImage(): ImageProcessingModel
+ returnIntensityImage(): ImageProcessingModel
+ returnLumaImage(): ImageProcessingModel
+ flipImageVertically(): ImageProcessingModel
+ flipImageHorizontally(): ImageProcessingModel
+ changeBrightness(int): ImageProcessingModel
+ getWidth(): int
+ getHeight(): int
+ getImage(): int[][][]

Interface: ImageProcessingView
+ loadImage(String, String): ImageProcessingModel
+ saveImage(String, String)
+ storeImage(String, ImageProcessingModel)
+ getModel(String): ImageProcessingModel
+ changeName(String, String)

PPMProcessingModel
+ returnRedImage(): ImageProcessingModel
+ returnGreenImage(): ImageProcessingModel
+ returnBlueImage(): ImageProcessingModel
+ returnValueImage(): ImageProcessingModel
+ returnIntensityImage(): ImageProcessingModel
+ returnLumaImage(): ImageProcessingModel
+ flipImageVertically(): ImageProcessingModel
+ flipImageHorizontally(): ImageProcessingModel
+ changeBrightness(int): ImageProcessingModel
- getGreyScale(String): int[][][]
- getCorrectValue(String, int, int): int
- checkLimits(int): int
+ getWidth(): int
+ getHeight(): int
+ getImage(): int[][][]

MockView
+ loadImage(String, String): ImageProcessingModel
+ saveImage(String, String)
+ storeImage(String, ImageProcessingModel)
+ getModel(String): ImageProcessingModel
+ changeName(String, String)

PPMProcessingView
+ loadImage(String, String): ImageProcessingModel
+ saveImage(String, String)
+ storeImage(String, ImageProcessingModel)
+ getModel(String): ImageProcessingModel
+ changeName(String, String)

ImageProcessing
+ main(String[])

ImageUtil
+ readPPM(String): ImageProcessingModel