```
                              ┌─────────────────┐
                              │     QObject     │
                              ├─────────────────┤
                              │                 │
                              ├─────────────────┤
                              │                 │
                              └─────────────────┘
                                    △    △
```

QObject

ImageProcessor::Abstract ImageProcessor

+ getImg()
+ getDst()
+ processImage()
+ ~AbstractImageProcessor()
+ getImg()
+ getDst()
+ processImage()
+ ~AbstractImageProcessor()
+ setDst()
+ setImg()
+ setDst()
+ setImg()
# AbstractImageProcessor()
# AbstractImageProcessor()

ImageProcessor::DetectCircle

+ DetectCircle()
+ detectCircle()
+ ~DetectCircle()
+ getMinDist()
+ getParam2()
+ getParam1()
+ processImage()
+ DetectCircle()
+ detectCircle()
+ ~DetectCircle()
+ getMinDist()
+ getParam2()
+ getParam1()
+ processImage()
+ setMinDist()
+ setParam2()
+ setParam1()
+ setMinDist()
+ setParam2()
+ setParam1()

ImageProcessor::DetectColor

+ DetectColor()
+ detectColor()
+ getMinColor()
+ getMaxColor()
+ ~DetectColor()
+ processImage()
+ DetectColor()
+ detectColor()
+ getMinColor()
+ getMaxColor()
+ ~DetectColor()
+ processImage()
+ setMinColor()
+ setMaxColor()
+ setMinColor()
+ setMaxColor()

ImageProcessor::Dilate

+ Dilate()
+ dialteImg()
+ getDilationSize()
+ ~Dilate()
+ getShap()
+ processImage()
+ Dilate()
+ dialteImg()
+ getDilationSize()
+ ~Dilate()
+ getShap()
+ processImage()
+ setDilationSize()
+ setShap()
+ setDilationSize()
+ setShap()

ImageProcessor::ObjectDetection

+ ObjectDetection()
+ getDiler()
+ getColDetector()
+ getCirDetector()
+ getCircles()
+ ~ObjectDetection()
+ processImage()
+ ObjectDetection()
+ getDiler()
+ getColDetector()
+ getCirDetector()
+ getCircles()
+ ~ObjectDetection()
+ processImage()
+ setCirDetector()
+ setDiler()
+ setColDetector()
+ setCirDetector()
+ setDiler()
+ setColDetector()