```
rc::Detector
   + Detector()
    + ~Detector()
    + filterColor()
   + process()
   * Detector()
   * ~Detector()
   * filterColor()
   * process()
 rc::DetectorFactory
+ DetectorFactory()
+ ~DetectorFactory()
+ openCamera()
+ closeCamera()
+ startThreads()
+ stopThreads()
+ outInfo()
* width
* height
* data
* threads
* out
* setDimensions()
* DetectorFactory()
* ~DetectorFactory()
* openCamera()
* closeCamera()
* startThreads()
* stopThreads()
* outlnfo()
```