```
multiscale::analysis::Detector
# avgClusterednessDegree
# avgDensity
# image
# outputFilepath
# debugMode
# outputImage
# detectMethodCalled
# detectorSpecificFieldsInitialised
# origin
#OUTPUT_CLUSTEREDNESS
#OUTPUT DENSITY
#ERR OUTPUT WITHOUT DETECT
# ERR_OUTPUT_FILE
# ERR_INVALID_IMAGE
# CSV_EXTENSION
# IMG EXTENSION
#XML EXTENSION
# WIN_OUTPUT_IMAGE
# KEY_ESC
                and 20 more...
+ Detector()
+ ~Detector()
+ detect()
+ outputResults()
# initialise()
# initialiseDetectorSpecificFieldsIfNotSet()
# setDetectorSpecificFieldsInitialisationFlag()
# initialiseDetectorSpecificFields()
# initialiseImageDependentFields()
# initialiseDetectorSpecificImageDependentFields()
# initialiseImageOrigin()
# isValidInputImage()
# detect()
# detectInDebugMode()
                 and 29 more...
                       Δ
      multiscale::analysis::RegionDetector
- alpha
- beta
- blurKernelSize

    morphologicalCloseIterations

    epsilon

- regionAreaThresh

    thresholdValue

    regions

- TRACKBAR ALPHA
- TRACKBAR BETA
 TRACKBAR_KERNEL
TRACKBAR_MORPH
TRACKBAR_CANNY
TRACKBAR_EPSILON
TRACKBAR_REGION_AREA_THRESH
- TRACKBAR_THRESHOLD
- USE CANNY L2
- CONTOUR_AREA_ORIENTED
                 and 15 more...
+ RegionDetector()
+ ~RegionDetector()
+ getAlpha()
+ getBeta()
+ getBlurKernelSize()
+ getEpsilon()
+ getMorphologicalCloseIterations()
+ getOriginXCoordinate()
+ getOriginYCoordinate()
+ getRegionAreaThresh()
and 10 more...- initialiseDetectorSpecificFields()

    initialiseDetectorSpecificImageDependentFields()

    createDetectorSpecificTrackbars()

- processImageAndDetect()
- changeContrastAndBrightness()
smoothImage()

    morphologicalClose()

- thresholdImage()
findRegions()
computeAverageMeasures()
                and 13 more...
```