```
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 23 more...
+ Detector()
+ ~Detector()
+ detect()
+ outputResults()
# initialise()
# initialiseDetectorSpecificFieldsIfNotSet()
# setDetectorSpecificFieldsInitialisationFlag()
# initialiseDetectorSpecificFields()
# initialiseImageDependentFields()
# initialiseDetectorSpecificImageDependentFields()
# initialiseImageOrigin()
# isValidInputImage()
# getDetectorTypeAsString()
# detect()
                 and 31 more...
                       Δ
      multiscale::analysis::RegionDetector
- alpha
- beta
- blurKernelSize

    morphologicalCloseIterations

    epsilon

- regionAreaThresh

    thresholdValue

    regions

- DETECTOR TYPE
- TRACKBAR ALPHA
 TRACKBAR_BETA
TRACKBAR_KERNEL
- TRACKBAR_MORPH
TRACKBAR_CANNY
TRACKBAR_EPSILON
- TRACKBAR_REGION_AREA_THRESH
 TRACKBAR THRESHOLD
- USE_CANNY_L2
                 and 16 more...
+ RegionDetector()
+ ~RegionDetector()
+ getAlpha()
+ getBeta()
+ getBlurKernelSize()
+ getEpsilon()
+ getMorphologicalCloseIterations()
+ getOriginXCoordinate()
+ getOriginYCoordinate()
+ getRegionAreaThresh()
and 10 more...- initialiseDetectorSpecificFields()

    initialiseDetectorSpecificImageDependentFields()

- createDetectorSpecificTrackbars()
getDetectorTypeAsString()
- processImageAndDetect()
- changeContrastAndBrightness()
smoothImage()

    morphologicalClose()

    thresholdImage()

findRegions()
                 and 14 more...
```