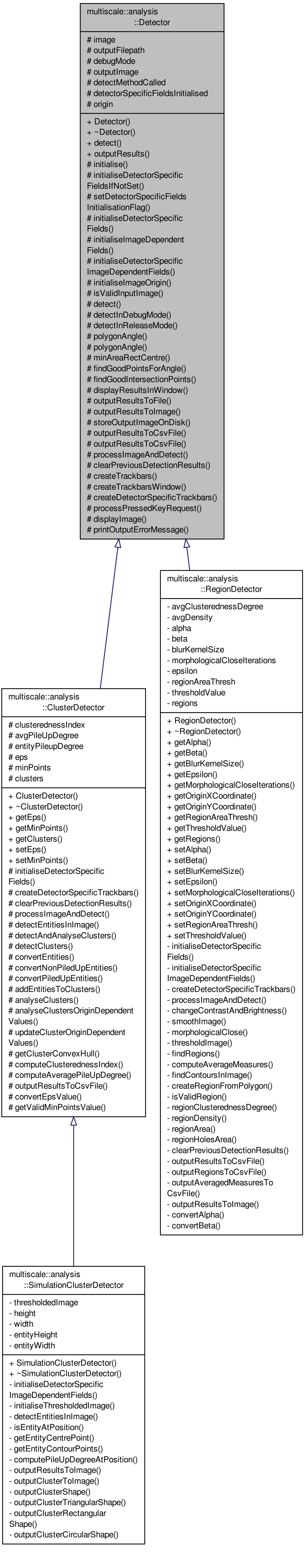
multiscale::analysis
::Detector
image
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debugMode
outputImage
detectMethodCalled
detectorSpecificFieldsInitialised
origin
+ Detector()
+ ~Detector()
+ detect()
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# initialiseDetectorSpecific
FieldsIfNotSet()
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# initialiseDetectorSpecific
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# initialiseImageDependent
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# initialiseImageOrigin()
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# detect()
# detectInDebugMode()
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# polygonAngle()
# minAreaRectCentre()
# findGoodPointsForAngle()
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# outputResultsToFile()
# outputResultsToImage()
# storeOutputImageOnDisk()
# outputResultsToCsvFile()
# outputResultsToCsvFile()
# processImageAndDetect()
# clearPreviousDetectionResults()
# createTrackbars()
# createTrackbarsWindow()
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- regionAreaThresh
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+ RegionDetector()
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+ getAlpha()
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+ getMorphologicalCloseIterations()
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+ getRegionAreaThresh()
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+ setAlpha()
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+ setMorphologicalCloseIterations()
+ setOriginXCoordinate()
+ setOriginYCoordinate()
+ setRegionAreaThresh()
+ setThresholdValue()
- initialiseDetectorSpecific
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- initialiseDetectorSpecific
ImageDependentFields()
- createDetectorSpecificTrackbars()
- processImageAndDetect()
- changeContrastAndBrightness()
- smoothImage()
- morphologicalClose()
- thresholdImage()
- findRegions()
- computeAverageMeasures()
- findContoursInImage()
- createRegionFromPolygon()
- isValidRegion()
- regionClusterednessDegree()
- regionDensity()
- regionArea()
- regionHolesArea()
- clearPreviousDetectionResults()
- outputResultsToCsvFile()
- outputRegionsToCsvFile()
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CsvFile()
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multiscale::analysis
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entityPileupDegree
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+ ClusterDetector()
+ ~ClusterDetector()
+ getEps()
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# initialiseDetectorSpecific
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# createDetectorSpecificTrackbars()
# clearPreviousDetectionResults()
# processImageAndDetect()
# detectEntitiesInImage()
# detectAndAnalyseClusters()
# detectClusters()
# convertEntities()
# convertNonPiledUpEntities()
# convertPiledUpEntities()
# addEntitiesToClusters()
# analyseClusters()
# analyseClustersOriginDependent
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# updateClusterOriginDependent
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# getClusterConvexHull()
# computeClusterednessIndex()
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multiscale::analysis
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- detectEntitiesInImage()
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- getEntityCentrePoint()
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- computePileUpDegreeAtPosition()
- outputResultsToImage()
- outputClusterToImage()
- outputClusterShape()
- outputClusterTriangularShape()
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Shape()
- outputClusterCircularShape()