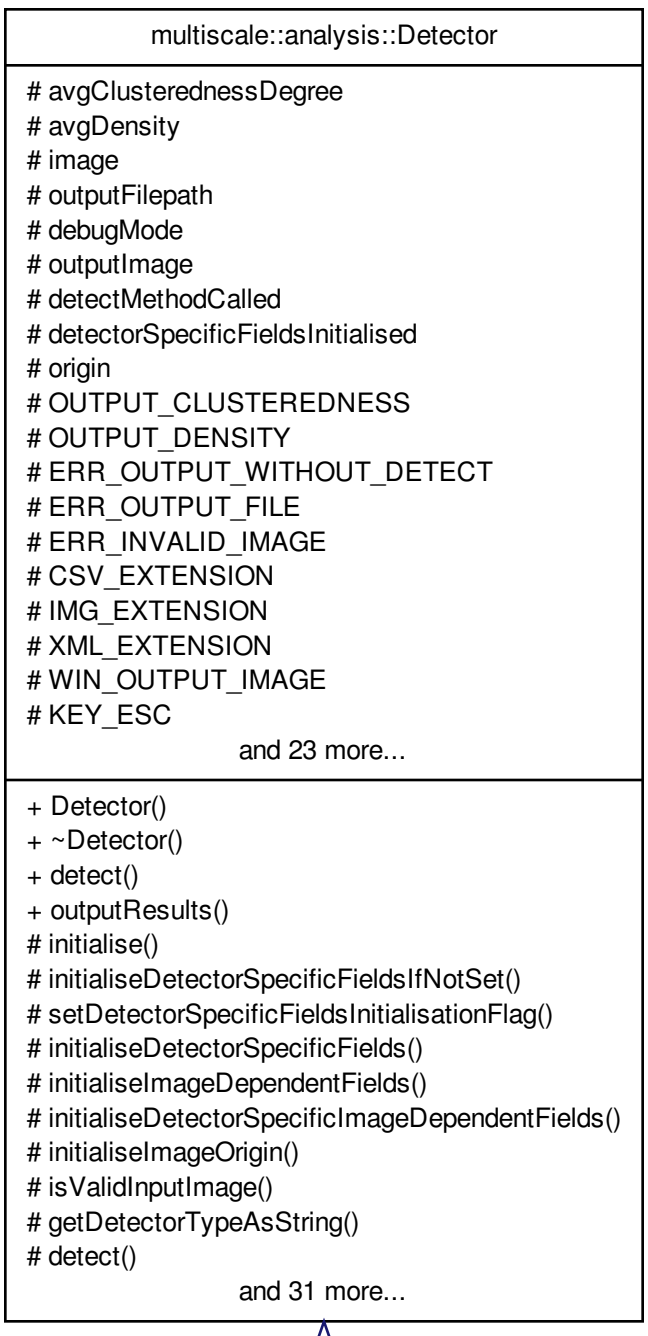
multiscale::analysis::Detector
avgClusterednessDegree
avgDensity
image
outputFilepath
debugMode
outputImage
detectMethodCalled
detectorSpecificFieldsInitialised
origin
OUTPUT_CLUSTEREDNESS
OUTPUT_DENSITY
ERR_OUTPUT_WITHOUT_DETECT
ERR_OUTPUT_FILE
ERR_INVALID_IMAGE
CSV_EXTENSION
IMG_EXTENSION
XML_EXTENSION
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...
multiscale::analysis::ClusterDetector
entityPileupDegree
eps
minPoints
clusters
- DETECTOR_TYPE
- TRACKBAR_EPS
- TRACKBAR_MINPOINTS
- MIN_POINTS_MIN
- MIN_POINTS_MAX
- EPS_MIN
- EPS_MAX
- EPS_REAL_MIN
- EPS_REAL_MAX
+ ClusterDetector()
+ ~ClusterDetector()
+ getEps()
+ getMinPoints()
+ getClusters()
+ setEps()
+ setMinPoints()
# initialiseDetectorSpecificFields()
# createDetectorSpecificTrackbars()
# clearPreviousDetectionResults()
# getDetectorTypeAsString()
# processImageAndDetect()
# detectEntitiesInImage()
# detectAndAnalyseClusters()
# detectClusters()
# convertEntities()
# convertNonPiledUpEntities()
and 10 more...
multiscale::analysis::SimulationClusterDetector
- thresholdedImage
- height
- width
- entityHeight
- entityWidth
- THRESHOLD
- THRESHOLD_MAX
- ENTITY_THRESH
- DATAPOINT_WIDTH
- DATAPOINT_THICKNESS
+ SimulationClusterDetector()
+ ~SimulationClusterDetector()
- initialiseDetectorSpecificImageDependentFields()
- initialiseThresholdedImage()
- detectEntitiesInImage()
- isEntityAtPosition()
- getEntityCentrePoint()
- getEntityContourPoints()
- computePileUpDegreeAtPosition()
- outputResultsToImage()
- outputClusterToImage()
- outputClusterShape()
- outputClusterTriangularShape()
- outputClusterRectangularShape()
- outputClusterCircularShape()