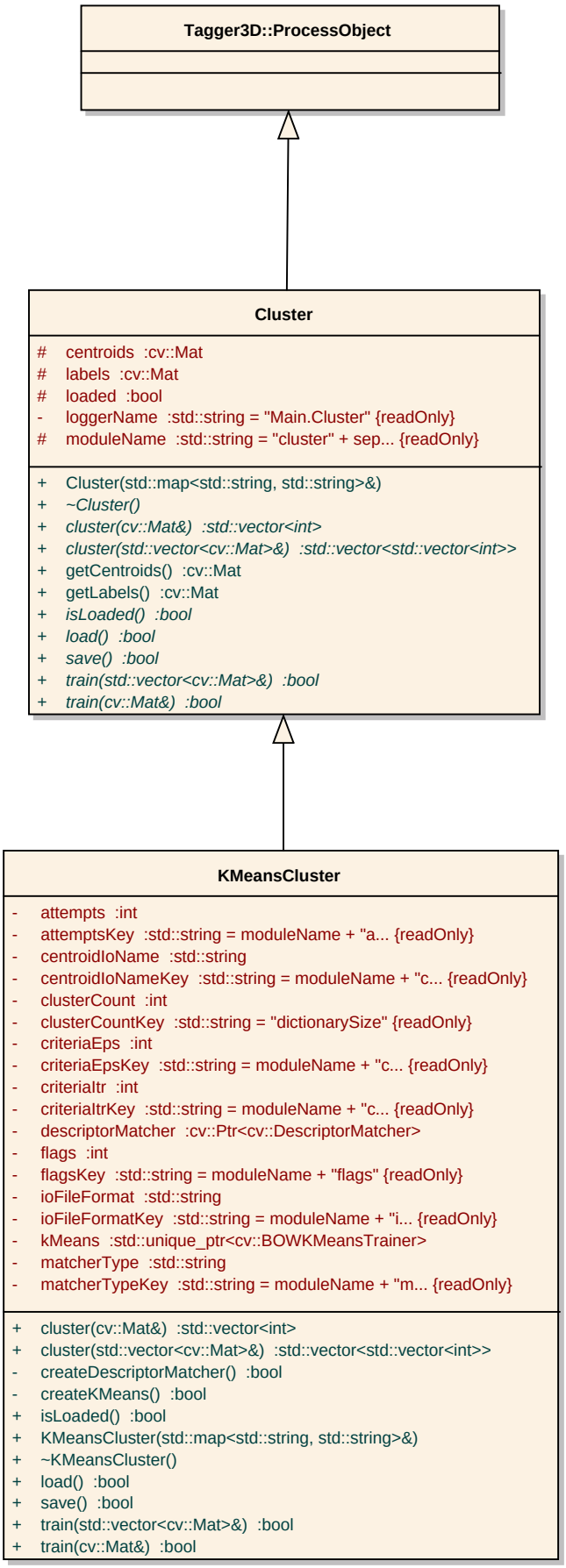
Tagger3D::ProcessObject
Cluster
centroids :cv::Mat
labels :cv::Mat
loaded :bool
- loggerName :std::string = "Main.Cluster" {readOnly}
moduleName :std::string = "cluster" + sep... {readOnly}
+ Cluster(std::map<std::string, std::string>&)
+ ~Cluster()
+ cluster(cv::Mat&) :std::vector<int>
+ cluster(std::vector<cv::Mat>&) :std::vector<std::vector<int>>
+ getCentroids() :cv::Mat
+ getLabels() :cv::Mat
+ isLoaded() :bool
+ load() :bool
+ save() :bool
+ train(std::vector<cv::Mat>&) :bool
+ train(cv::Mat&) :bool
KMeansCluster
- attempts :int
- attemptsKey :std::string = moduleName + "a... {readOnly}
- centroidIoName :std::string
- centroidIoNameKey :std::string = moduleName + "c... {readOnly}
- clusterCount :int
- clusterCountKey :std::string = "dictionarySize" {readOnly}
- criteriaEps :int
- criteriaEpsKey :std::string = moduleName + "c... {readOnly}
- criteriaItr :int
- criteriaItrKey :std::string = moduleName + "c... {readOnly}
- descriptorMatcher :cv::Ptr<cv::DescriptorMatcher>
- flags :int
- flagsKey :std::string = moduleName + "flags" {readOnly}
- ioFileFormat :std::string
- ioFileFormatKey :std::string = moduleName + "i... {readOnly}
- kMeans :std::unique_ptr<cv::BOWKMeansTrainer>
- matcherType :std::string
- matcherTypeKey :std::string = moduleName + "m... {readOnly}
+ cluster(cv::Mat&) :std::vector<int>
+ cluster(std::vector<cv::Mat>&) :std::vector<std::vector<int>>
- createDescriptorMatcher() :bool
- createKMeans() :bool
+ isLoaded() :bool
+ KMeansCluster(std::map<std::string, std::string>&)
+ ~KMeansCluster()
+ load() :bool
+ save() :bool
+ train(std::vector<cv::Mat>&) :bool
+ train(cv::Mat&) :bool