FeatureController

LOG_TAG : str
compressionWidth
featureModel : FeatureModel
height : NoneType
width : NoneType

getFeatures()

HandDetector

TAG_LOG : str
classifier
feature
featureController
featureLength : NoneType
scaler

binarizeDetections()
classifyFeatureVector()
classifyFeatureVideo()
classifyFrame()
classifyVideo()
trainClassifier()

DynamicHandDetector

TAG_LOG : str
kalman
th : float

classifyFeatureVector()
classifyFeatureVideo()
classifyFrame()
classifyVideo()
getOptimalParameters()
setDynamicParameters()
setOptimalParameters()

KalmanFilter

A : NoneType
H : NoneType
K : NoneType
P
Q : NoneType
R : NoneType
innovation : list
innovation_s
measurement : list
state : list
step : int
update : list

fullExecution()
nextStep()
predict()
processModel()
updateState()

featureCalculator

kalman

scaler

StandardScaler

classifier

classifier

RandomForestClassifier

SVC

HandDetectionDataManager

LOG_TAG : str
attributes : list
categories : list
compression : NoneType
compressionWidth
datasetFolder : NoneType
feature : NoneType
headers : list

mergeDataManager()
readDataset()
readFromVideoAndFrames()
subDataTraining()