Class Diagram

HumanDetectorTracker

net: cv::dnn::Net

classes: std::vector<std::string>

cameraMatrix: cv::Mat
distCoeffs: cv::Mat

trackers: std::vector<cv::Ptr<cv::Tracker>>

- + HumanDetectorTracker(modelPath: std::string, classesPath: std::string)
- + detectAndTrack(frame: cv::Mat): void
- getLocation(rect: cv::Rect): cv::Point3f
- detectHumans(frame: cv::Mat): std::vector<cv::Rect>
- updateTrackers(frame: cv::Mat, detections: std::vector<cv::Rect>): void