Software UML Diagram

- minConfidence_: float - minOverlap_: float - objectClasses_: std::unordered_set<std::string> - P_: cv::Matx34f // Camera Calibration matrix - colors_: std::map<std::string, cv::Scalar> - network_: cv::dnn::DetectionModel + datasetLabels_: std::vector<std::string> + LocalizeObjects(cv::Mat&): std::vector<cv::Point3f> + LocalizeObjectKeypoint(const cv::Point2i&): cv::Point3f + DetectObjectKeypoints(cv::Mat&): std::vector<cv::Point2i> + ParseFiles(const std::string&): std::vector<string> + ObjectTracker(objectClasses: set, extP: cv::Matx34f, intP: cv::Matx34f, minConfidence: float, minOverlap: float, detectionModel_: const std::string) uses cv::dnn::DetectionModel openCV API for Deep Learning based object detection