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#include <opencv2/opencv.hpp>
#include <opencv2/objdetect.hpp>
#include <iostream>

using namespace cv;
using namespace std;

//This code is backup code for now and may not be used for this reason it
is not fully developed yet.
int main() {
    // Initilize our Camera. Will figure this out later depending on how
    our DepthAI code develops

    // Creating HOG descriptor and set the people detector SVM
    cv::HOGDescriptor hog;
    hog.setSVMDetector(HOGDescriptor::getDefaultPeopleDetector());

    cv::Mat frame;
    while (true) {
        //
        if (frame.empty())
            break;
        std::vector<Rect> dtct;
        std::vector<double> wgts;

        // Detect people in frame
        hog.detectMultiScale(frame, dtct, wgts);

        // Drawing detection boxes
        for (size_t i = 0; i < detections.size(); i++) {
            rectangle(frame, detections[i], Scalar(0, 255, 0), 2);
            putText(frame, "Person", Point(detections[i].x,
detections[i].y - 5),
                FONT_HERSHEY_SIMPLEX, 0.6, Scalar(0, 255, 0), 2);
        }

        imshow("Person Detection", frame);

        // Press ESC to exit
        char c = (char)waitKey(10);
        if (c == 27) break;
    }

    //release the camera

    destroyAllWindows();
    return 0;
}

```