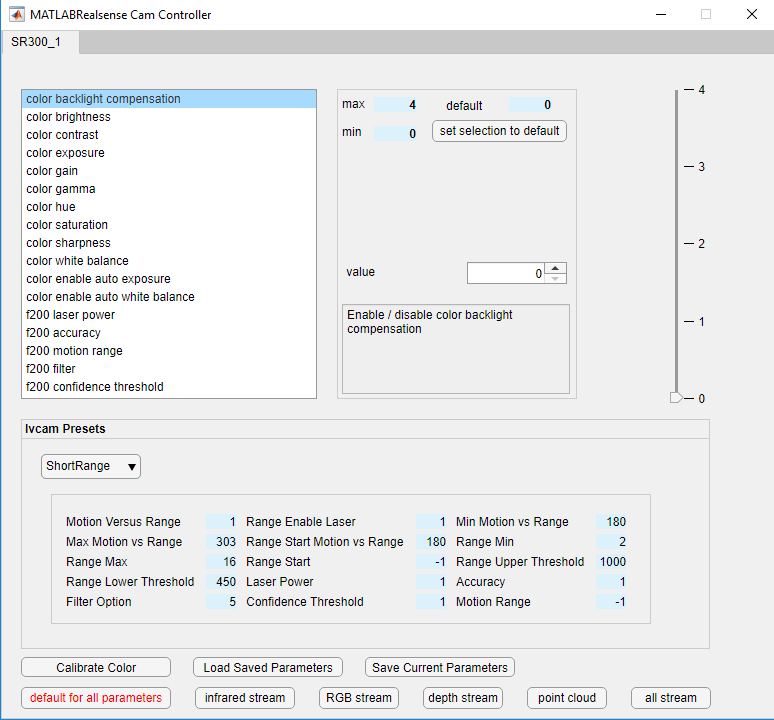
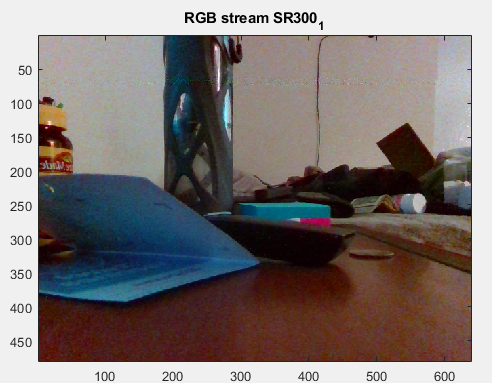
MATLABRealsense

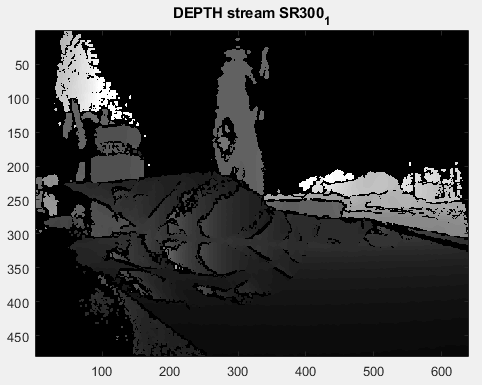
Alexandre Silva @AVL

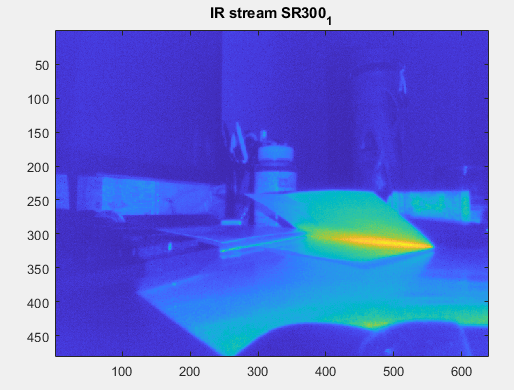
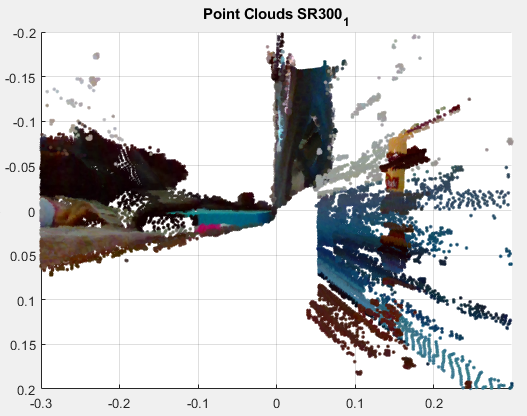
What is it?

* MATLAB app
* sets parameters on SR300 cameras
* saves parameters as mat files
* loads parameters back into the cameras
* automatic color checker detection and image color calibration
* roughly 3200 lines of code
* TEAM work

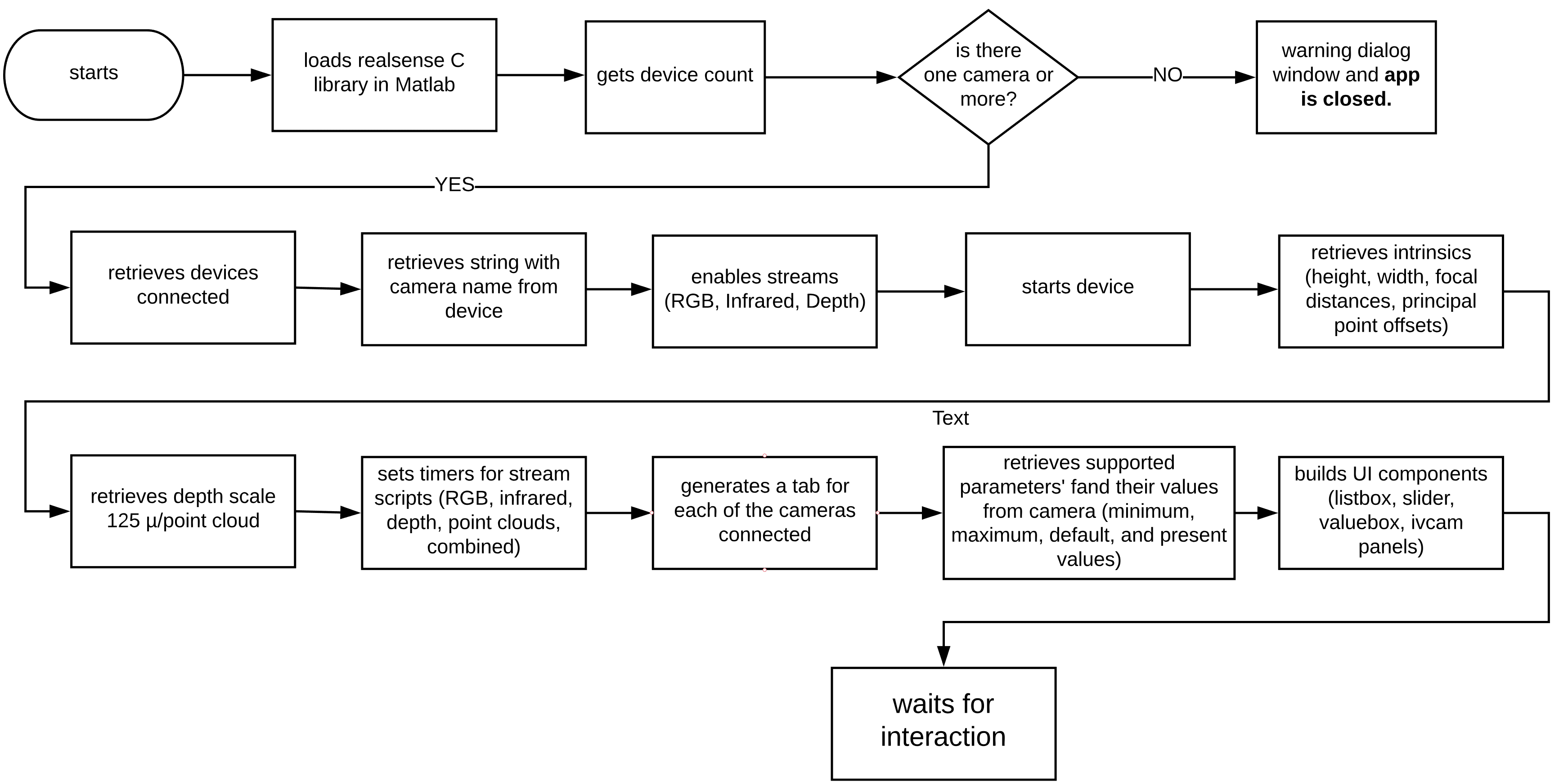
User Interface

Available Streams

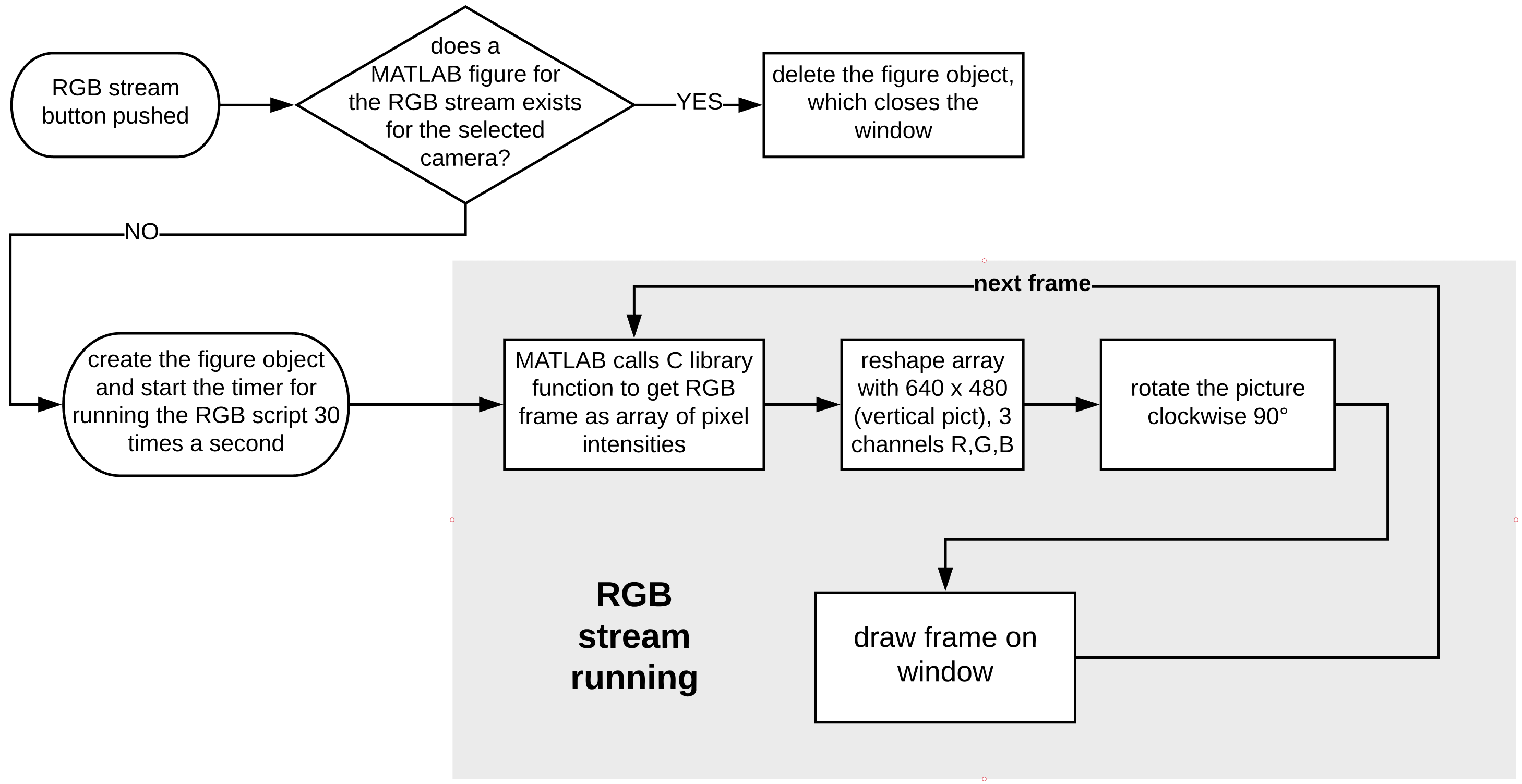




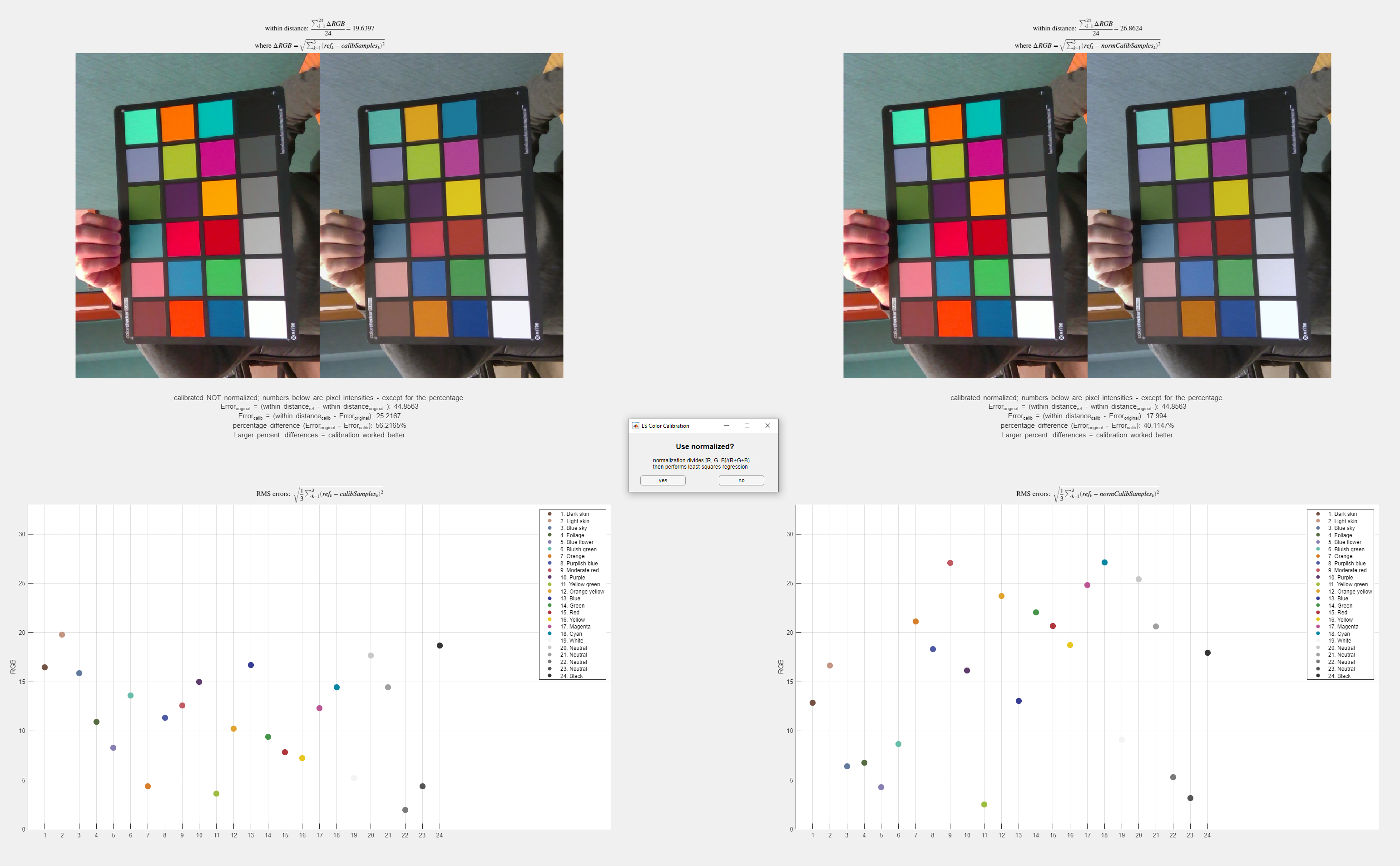
Turning on the camera and building the UI



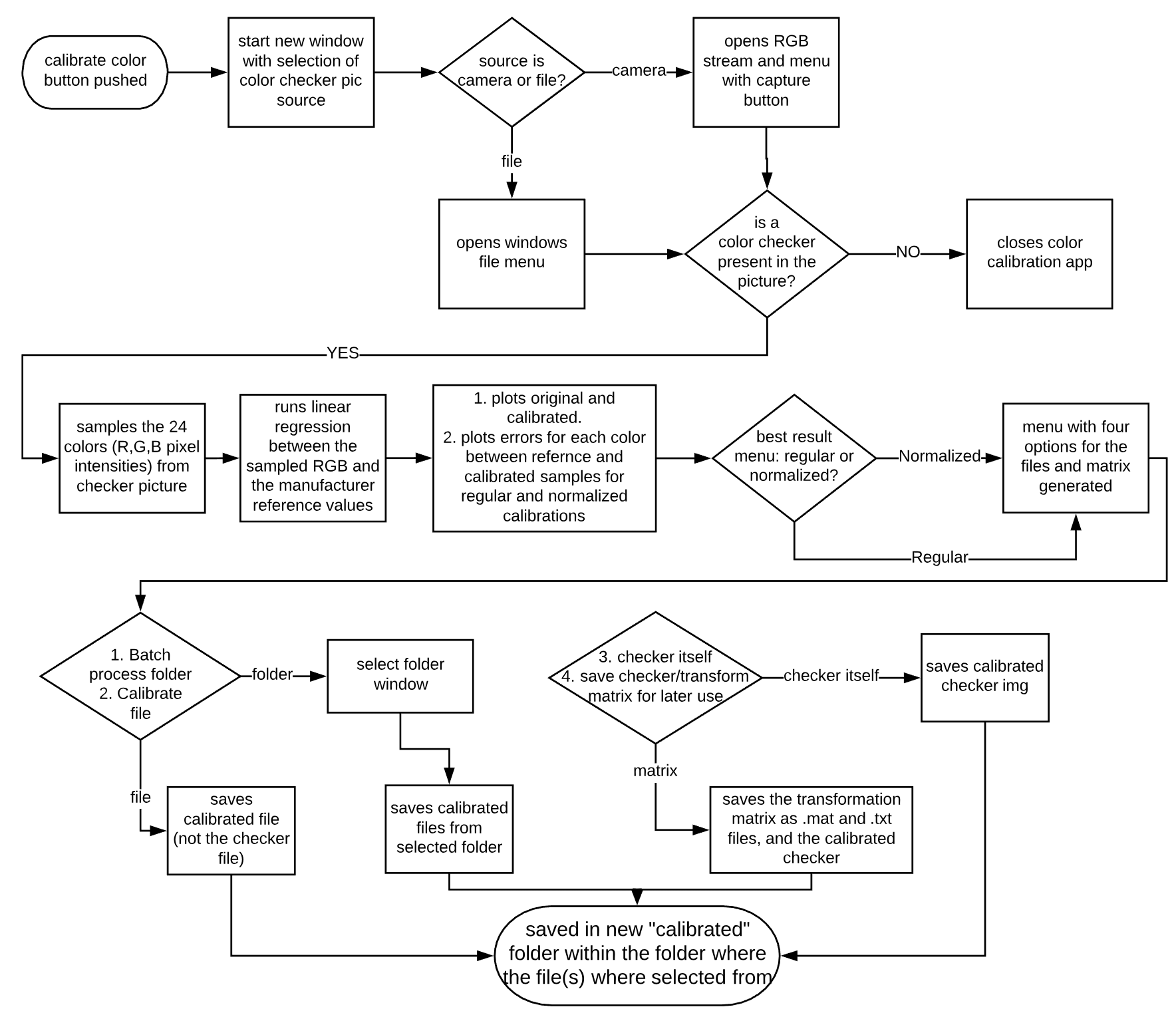
Running a timed stream script (RGB stream example)

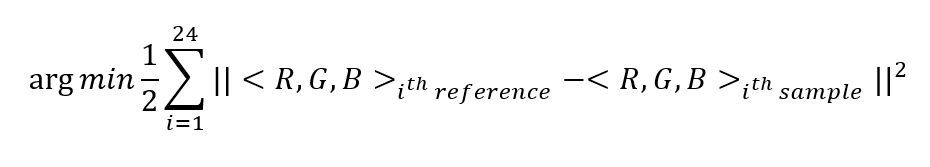


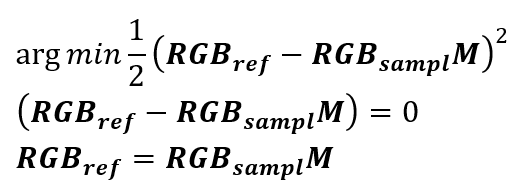
Auto Color Calibration

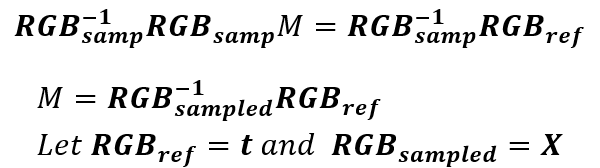
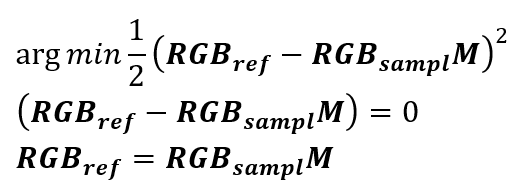
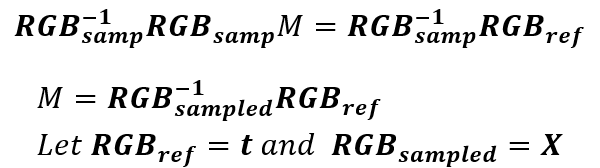
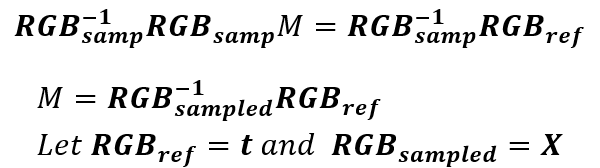


Auto Color Calibration

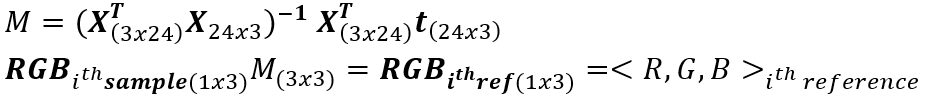


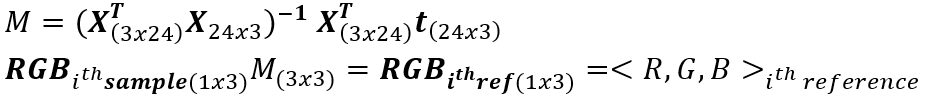
Linear Least Squares Regression

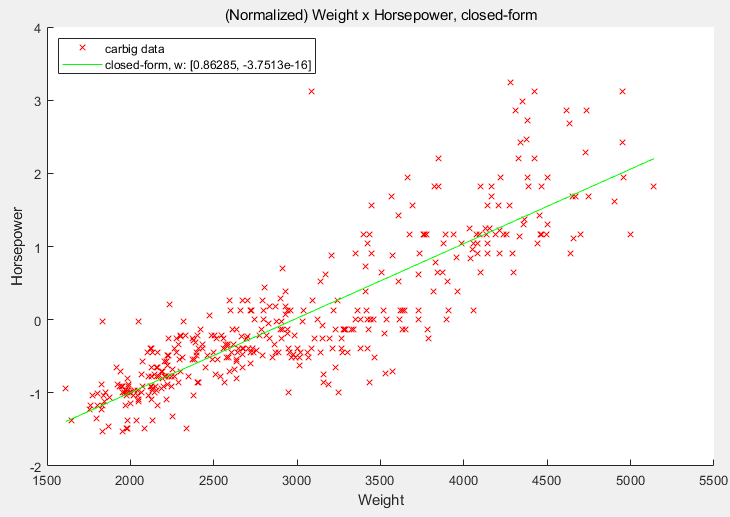










Linear Least Squares Regression

