

POTC Minutes 3/19/2014

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Video Processing algorithms are still in progress

OpenCV was installed on the RP over the Break and it was a very time intensive process. The USB connection appears to be the chokepoint for wireless data speed – not the wireless networks. Either way, a wired connection is significantly faster.

Since OpenCV installation and other formatting would take much time to do individually, we talked about the possibility of cloning SD cards for the future RPs

Servo Motors are being pursued and Jack will do the beginning work on this component. We must remember to figure out the PWM with the Logic Analyzer before connecting the servos in order to avoid servo damage.

A meeting will be scheduled with Yaakov to hopefully setup a virtual private server that could host our simple database table and also provide a space to view the 4 RP video streams. We also desire that this server would be publicly accessible. Open Sesame is also using a private server.

Concerns of the RP overheating were mentioned and how that will need to be considered once a case is made for the RP.