Team Cerebral - Lessons Learned
Cycle 1 - 3/1/18

Windows' graphics.h library is difficult to use and not supported as much as other potential options. There was very little support and troubleshooting options online so the change was made to use Qt Creator due to more online support and tutorials.

For ATRLock, at the beginning of this Cycle, we had issues with files locked on Mac and Linux machines not working properly due to the line endings differing from Windows/DOS machines, and ATRobots did not handle these line endings properly, causing the program to error and exit. We fixed this by opening the files as binary files in our program, instead of text files, and manually removed all \r and \n newline characters from incoming files, and manually adding the \r\n Windows/DOS line ending to all lines output to the locked output file.

For ATRobots, we learned more accurately how to manage our time, and what we can expect to get done in the time period given for Cycle 2, as we didn't finish ATRobots according to our plans for this current cycle. We plan to finish this in the next cycle.