\* commit 1ace2b5

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Fri Feb 27 20:46:42 2015

|

| Lots of efficiency and speed increases for Lift

|

\* commit 0b44172

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Fri Feb 27 18:55:58 2015

|

| Added doxygen file. Updating Lift and Auto for State

|

\* commit bce18f5

| Author: edjubuh <edjubuh@elliotjb.com>

| Date: Sat Feb 21 22:02:12 2015

|

| Documentation changes

|

\* commit a6f90eb

|\ Merge: 92f6c91 864fe58

| | Author: Elliot Berman <edjubuh@elliotjb.com>

| | Date: Sat Feb 21 20:49:41 2015

| |

| | Merge branch 'master' of https://edjubuh.visualstudio.com/defaultcollection/\_git/OSE

| |

| \* commit 864fe58

| | Author: Robert Shrote <rs14@alpha.omega>

| | Date: Sat Feb 21 15:45:43 2015

| |

| | Forgot newline character

| |

| \* commit f5d12be

| | Author: Robert Shrote <rs14@alpha.omega>

| | Date: Sat Feb 21 15:31:18 2015

| |

| | Fixed recorder functions to write files

| |

\* | commit 92f6c91

| | Author: Elliot Berman <edjubuh@elliotjb.com>

| | Date: Sat Feb 21 20:47:51 2015

| |

| | Updated MSPID, Lift for auton worthiness. Began work on auton

| |

\* | commit 5d9b3b5

|/ Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sat Feb 21 16:24:32 2015

|

| Tuning lift control, working on IR sensors

|

\* commit cb461b5

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Fri Feb 20 22:24:44 2015

|

| Implemented quad encoders, removed pots.

| Lift appears to be working as intended

|

\* commit c3e3d59

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sat Feb 14 20:04:08 2015

|

| Post competition updates.

|

\* commit f752277

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sat Feb 14 13:28:56 2015

|

| Fixed recorder functions.

|

\* commit 8a48fd0

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sat Feb 14 10:18:26 2015

|

| Wrote an autonamous to score 1 cube. Driver control defaults to tank.

|

\* commit b7d0bdf

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Fri Feb 13 22:21:15 2015

|

| Mechop Working, ready for Zville Comp

|

\* commit 0cc3e04

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Thu Feb 12 15:54:05 2015

|

| Did stuff. About to mess with mechop

|

\* commit d261f46

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Fri Jan 30 20:07:58 2015

|

| Updated for liblcd. "Fixed" Google drive issues

|

\* commit e6058ec

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Wed Jan 21 16:15:09 2015

|

| LCDManager working as intended, need documentation

| Vulcan currently dissassembled, will need to rewire

|

\* commit b082c62

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Mon Jan 19 17:41:34 2015

|

| Working on liblcd updates. NOT FUNCTIONING

|

\* commit 485360b

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Mon Jan 19 14:05:26 2015

|

| Updated liblcd to accept variable args

| About to rewrite to give better continuous operation

|

\* commit d7a119a

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sat Jan 17 14:52:19 2015

|

| \#defined constant for easy changing between PID & nonPID.

|

\* commit c40739b

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sat Jan 17 14:31:28 2015

|

| Commented out some parts for the competition.

|

\* commit adc0183

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sat Jan 17 12:45:09 2015

|

| Fixed auton & fixed typos in vulcan/mechop.c

|

\* commit e1e9ff2

| Author: Robert Shrote <rs14@alpha.omega>

| Date: Sat Jan 17 12:17:33 2015

|

| Fixed thetaSector() in tank/mechanum drive hybrid & made the function more efficient.

|

\* commit aa6e782

|\ Merge: d211e6e bbfc890

| | Author: Robert Shrote <rs14@alpha.omega>

| | Date: Sat Jan 17 12:15:12 2015

| |

| | Merge branch 'master' of https://edjubuh.visualstudio.com/DefaultCollection/\_git/OSE

| |

| \* commit bbfc890

| | Author: Elliot Berman <elliot@elliotjb.com>

| | Date: Sat Jan 17 12:14:15 2015

| |

| | Added Logfile.

| |

| \* commit 8d048df

| | Author: Elliot Berman <elliot@elliotjb.com>

| | Date: Sat Jan 17 11:01:32 2015

| |

| | Auton changes on Jay County Competion.

| |

\* | commit d211e6e

|\ \ Merge: d33caf6 aae5f23

| |/ Author: Robert Shrote <rs14@alpha.omega>

| | Date: Sat Jan 17 05:26:28 2015

| |

| | Merge branch 'master' of https://edjubuh.visualstudio.com/DefaultCollection/\_git/OSE

| |

| \* commit aae5f23

| | Author: Elliot Berman <elliot@elliotjb.com>

| | Date: Fri Jan 16 21:55:40 2015

| |

| | Ready for Jay County 1/17

| |

\* | commit d33caf6

|\ \ Merge: bfcb5f8 32258c4

| |/ Author: Robert Shrote <rs14@alpha.omega>

| | Date: Fri Jan 16 17:34:40 2015

| |

| | Merge branch 'master' of https://edjubuh.visualstudio.com/DefaultCollection/\_git/OSE

| |

| \* commit 32258c4

| | Author: Elliot Berman <elliot@elliotjb.com>

| | Date: Fri Jan 16 17:26:49 2015

| |

| | Updating for Vulcan Competition

| |

\* | commit bfcb5f8

| | Author: Robert Shrote <rs14@alpha.omega>

| | Date: Thu Jan 15 17:20:32 2015

| |

| | Removed empty file named 'make'.

| |

\* | commit 7bf7054

|/ Author: Robert Shrote <rs14@alpha.omega>

| Date: Thu Jan 15 17:17:51 2015

|

| Corrected helper functions for JoystickControl() in mechop.c for vulcan.

|

\* commit 403cfdb

|\ Merge: 8b0ade8 9a97f30

| | Author: Elliot Berman <elliot@elliotjb.com>

| | Date: Thu Jan 15 16:36:50 2015

| |

| | Merge branch 'master' of https://edjubuh.visualstudio.com/DefaultCollection/\_git/OSE

| |

| \* commit 9a97f30

| | Author: Elliot Berman <elliot@elliotjb.com>

| | Date: Wed Jan 14 21:30:09 2015

| |

| | Updated Lift.h

| |

\* | commit 8b0ade8

|/ Author: Elliot Berman <elliot@elliotjb.com>

| Date: Thu Jan 15 16:36:12 2015

|

| Merge changes, and preparing Vulcan

|

\* commit 7a03552

|\ Merge: a0e2bd0 eec959e

| | Author: Elliot Berman <elliot@elliotjb.com>

| | Date: Wed Jan 14 16:26:06 2015

| |

| | Merge branch 'master' of https://edjubuh.visualstudio.com/DefaultCollection/\_git/OSE

| |

| \* commit eec959e

| | Author: Robert Shrote <rs14@alpha.omega>

| | Date: Tue Jan 13 21:32:40 2015

| |

| | Slightly tweaked the main Makefile to accept 'ADDITIONAL', manual parameters.

| |

| \* commit fa7a4e2

| | Author: Elliot Berman <elliot@elliotjb.com>

| | Date: Sat Jan 10 19:22:42 2015

| |

| | Repaired merge issues manually

| |

| \* commit deafd9c

| |\ Merge: 0e68303 7b38228

| | | Author: Elliot Berman <elliot@elliotjb.com>

| | | Date: Sat Jan 10 19:08:36 2015

| | |

| | | Merge branch 'master' of https://edjubuh.visualstudio.com/DefaultCollection/\_git/OSE

| | |

| \* | commit 0e68303

| | | Author: Elliot Berman <elliot@elliotjb.com>

| | | Date: Sat Jan 10 19:04:52 2015

| | |

| | | Doxygen documentation, Dios->Vulcan

| | |

\* | | commit a0e2bd0

| | | Author: Elliot Berman <elliot@elliotjb.com>

| | | Date: Wed Jan 14 16:18:43 2015

| | |

| | | Updated CortexDefinitions.h and documentation

| | |

\* | | commit 322fa7e

| |/ Author: Elliot Berman <elliot@elliotjb.com>

|/| Date: Sat Jan 10 21:14:47 2015

| |

| | Documentation changes

| |

\* | commit 7b38228

| | Author: Elliot Berman <elliot@elliotjb.com>

| | Date: Fri Jan 9 20:57:55 2015

| |

| | Doxygen documentation preparation part the second

| |

\* | commit dfeb4e3

|\ \ Merge: 45f0bfb e5c9ddd

| | | Author: Elliot Berman <elliot@elliotjb.com>

| | | Date: Fri Jan 9 20:54:35 2015

| | |

| | | Merge branch 'master' of https://edjubuh.visualstudio.com/DefaultCollection/\_git/OSE

| | |

| \* | commit e5c9ddd

| | | Author: Elliot Berman <elliot@elliotjb.com>

| | | Date: Thu Jan 8 16:29:29 2015

| | |

| | | Merged Dios to Vulcan for lift control.

| | |

\* | | commit 45f0bfb

| |/ Author: Elliot Berman <elliot@elliotjb.com>

|/| Date: Fri Jan 9 20:53:03 2015

| |

| | Doxygen Documentation preparation Part 1

| |

\* | commit 50e4b60

|/ Author: Elliot Berman <elliot@elliotjb.com>

| Date: Fri Jan 9 20:40:41 2015

|

| Starting doxygen documentation

|

\* commit 155242c

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sun Dec 7 16:46:02 2014

|

| Dios and Vulcan motor characteristics look promising

|

\* commit 579ae15

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sat Dec 6 22:04:42 2014

|

| Updated header files, work beginning on RecalculateCommanded for Dios lift

|

\* commit 183e363

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sat Dec 6 18:01:06 2014

|

| Work done to liblcd: text justify and scrolling

|

\* commit e1f3f31

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Fri Dec 5 20:44:07 2014

|

| Documentation is alive! Some "work" on liblcd

|

\* commit 2439df7

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Thu Dec 4 17:46:07 2014

|

| Debugging

|

\* commit 62da6d7

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Wed Dec 3 17:52:21 2014

|

| Committing to debug with file comparer

|

\* commit f7455b4

|\ Merge: ff87e97 ba71a28

| | Author: Elliot Berman <elliot@elliotjb.com>

| | Date: Wed Dec 3 17:38:26 2014

| |

| | Merge branch 'master' of https://edjubuh.visualstudio.com/DefaultCollection/\_git/OSE

| |

| \* commit ba71a28

| | Author: Robert Shrote <rs14@alpha.omega>

| | Date: Mon Dec 1 16:46:06 2014

| |

| | Documentation for clarity.

| |

\* | commit ff87e97

| | Author: Elliot Berman <elliot@elliotjb.com>

| | Date: Wed Dec 3 17:35:56 2014

| |

| | MotorManager updated with RecomputeCommanded`

| |

\* | commit 29749fa

|/ Author: Elliot Berman <elliot@elliotjb.com>

| Date: Wed Dec 3 12:18:57 2014

|

| Extended functionality of SML. Read for testing

|

\* commit 549f67c

|\ Merge: e009827 0c11d64

| | Author: Elliot Berman <elliot@elliotjb.com>

| | Date: Sun Nov 30 14:50:10 2014

| |

| | Merge branch 'master' of https://edjubuh.visualstudio.com/DefaultCollection/\_git/OSE

| |

| \* commit 0c11d64

| | Author: Robert Shrote <rs14@alpha.omega>

| | Date: Sun Nov 30 14:25:55 2014

| |

| | Fixed minor bugs in mechop; Mechop integrated into user control.

| |

| \* commit be0a4b5

| | Author: Robert Shrote <rs14@alpha.omega>

| | Date: Sun Nov 30 14:18:45 2014

| |

| | Integrated mechanum operator controls.

| |

| \* commit da8547c

| | Author: Robert Shrote <rs14@alpha.omega>

| | Date: Sun Nov 30 14:18:25 2014

| |

| | Added preprocessor stuff.

| |

| \* commit c0a0862

| | Author: Robert Shrote <rs14@alpha.omega>

| | Date: Sun Nov 30 14:09:37 2014

| |

| | Fixed pointers.

| |

\* | commit e009827

|/ Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sun Nov 30 14:49:45 2014

|

| Did stuff

|

\* commit ee4cf1b

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sat Nov 29 14:19:20 2014

|

| Recompiled libsml

|

\* commit f1382da

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Fri Nov 28 18:10:47 2014

|

| Still tuning

|

\* commit d07d8b2

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Thu Nov 27 23:11:01 2014

|

| Feed-forward M/S PID implemented

| Dios to be further tuned.

|

\* commit a3f7801

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Wed Nov 26 16:47:29 2014

|

| Potentiometers filtered. PID to be tuned

| Adding rubber bands to even out potentiometers at any height

|

\* commit e7a868d

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Wed Nov 26 14:52:49 2014

|

| Reorgranized dios/Lift.c. Continuing debugging

|

\* commit f1a7cb4

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sun Nov 23 18:38:17 2014

|

| More testing with M/S. Will switch to pot sensor

|

\* commit 10fc22f

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sat Nov 22 22:44:11 2014

|

| Updated Makefile and common.mk

| Reverted residual changes from setting up Smiles and added clean before

| every build

|

\* commit 3a8e505

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sat Nov 22 22:31:43 2014

|

| Linking to libsml is broken... off to Rob to fix

|

\* commit 876b31e

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sat Nov 22 22:03:48 2014

|

| Renaming Icarus to Vulcan - WARNING MAKE ISSUES

| Unknown issues, beginning to diagnose will not make

|

\* commit 8830377

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sat Nov 22 22:03:48 2014

|

| Merging stuffs

|

\* commit 56dd5fb

|\ Merge: 3ffe396 4f94ca6

| | Author: Elliot Berman <elliot@elliotjb.com>

| | Date: Sat Nov 22 20:41:59 2014

| |

| | Merge branch 'master' of https://edjubuh.visualstudio.com/DefaultCollection/\_git/OSE

| |

| \* commit 4f94ca6

| | Author: Samuel Miles <sjmmiles@sbcglobal.net>

| | Date: Sat Nov 22 23:01:16 2014

| |

| | Set up with Eclipse, updated to 2b10

| |

\* | commit 3ffe396

|/ Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sat Nov 22 17:39:37 2014

|

| MasterslavePIDController working. Tuning for Dios

| And the stupidness of the Cortex configuration

|

\* commit 7de6584

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Fri Nov 21 17:25:17 2014

|

| Fixed Master and Slave in PID Control.

| VIVA LA REVOLUCION!

|

\* commit 3a045e7

|\ Merge: cf591fd 827fd16

| | Author: Elliot Berman <elliot@elliotjb.com>

| | Date: Thu Nov 20 21:16:44 2014

| |

| | Merge branch 'master' of https://edjubuh.visualstudio.com/DefaultCollection/\_git/OSE

| |

| \* commit 827fd16

| | Author: Robert Shrote <rs14@alpha.omega>

| | Date: Thu Nov 20 21:00:35 2014

| |

| | Added functions to get encoder values.

| |

| \* commit a6371cc

| | Author: Robert Shrote <rs14@alpha.omega>

| | Date: Thu Nov 20 21:00:09 2014

| |

| | Documentation!

| |

| \* commit 808511a

| | Author: Robert Shrote <rs14@alpha.omega>

| | Date: Thu Nov 20 19:52:34 2014

| |

| | Removed redundant files.

| |

\* | commit cf591fd

|/ Author: Elliot Berman <elliot@elliotjb.com>

| Date: Thu Nov 20 21:11:15 2014

|

| Updated dios lift

|

\* commit d9c16fd

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Thu Nov 20 19:18:30 2014

|

| MasterSlavePIDController ready to be tested

| Updated Dios Lift to prepare for MasterSlavePIDController

|

\* commit 2c1e933

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Mon Nov 17 19:44:24 2014

|

| Work done on PID Controllers, fixed recorder.c

| - MasterSlavePIDController task to be tested/completed

| - Added PIDControllerCompute to SingleThreadPIDController

| - Fixed syntax issues with recorder.c

|

\* commit 23655b1

| Author: Robert Shrote <rs14@alpha.omega>

| Date: Mon Nov 17 09:55:12 2014

|

| Fixed pointers to functions, for recording settings.

|

\* commit 5ac13ec

| Author: Robert Shrote <rs14@alpha.omega>

| Date: Mon Nov 17 09:47:37 2014

|

| Added recorder library to libsml.

|

\* commit 8d67368

| Author: Robert Shrote <rs14@alpha.omega>

| Date: Mon Nov 17 08:46:55 2014

|

| no change

|

\* commit 54194f0

| Author: Robert Shrote <rs14@alpha.omega>

| Date: Mon Nov 17 08:46:42 2014

|

| Fixed some typos causing compile time errors.

|

\* commit 2fd1ac1

| Author: Robert Shrote <rs14@alpha.omega>

| Date: Mon Nov 17 08:45:22 2014

|

| No change, makefile had no error.

|

\* commit 7c78d63

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sun Nov 16 19:14:02 2014

|

| Working on libsml - MasterSlavePIDController WIP

|

\* commit f7997a8

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sun Nov 16 16:39:10 2014

|

| Updating chassis.c, opcontrol.c of Dios.

| About to start SysEqPID

|

\* commit 45c888f

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sun Nov 16 14:45:02 2014

|

| Deleting scoring mechanism

|

\* commit aafd89f

| Author: Elliot Berman <elliot@elliotjb.com>

| Date: Sun Nov 16 14:37:18 2014

|

| Working on Dios Configuration.

|

\* commit 02e584f

Author: Elliot Berman <elliot@elliotjb.com>

Date: Sun Nov 16 13:26:15 2014

Initial commit