

# C++\Java Plugin Changelog

Changelog for the C++\Java Eclipse Plugins

## 2/11/2016 - Update 4 (0.1.0.201602112135)

### WPILib C++ and Java

- **Breaking:** MotorController interface had the StopMotor() method added. In most cases, any custom classes which inherit/implement the interface must add this method. In most cases, you should call StopMotor on the underlying CAN or PWM motor controller(s).
- Fixed an issue where CAN connected motors that are stopped might not start again without adding code to explicitly re-enable them
- Added a config routine to allow enabling/disabling of limit switch and soft limits on CANTalon speed controllers
- Rate limit duplicated error messages to prevent them from overloading the buffer limits and blocking the program
- Fixed CAN Talon JNI references for the Java bindings
- PDP classes will now support any PDP device address
- Better check for version and year on plugins
- Modified example programs to use the newer AnalogGyro class

### WPILib C++

#### RobotBuilder

- Fixed issue where RobotBuilder might overwrite C++ files that it shouldn't
- Fixed issues with shared pointers in generated code
- Fix issue with export of SpeedControllers with LiveWindow

#### SmartDashboard

- Added a label to boolean check boxes in dashboard widget

#### Java Installer

- Verify that the soft float version of Java has been selected

#### Simulation

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- Fixed RobotDrive for the Simulation library

GRIP Computer Vision - check the release page on github for recent updates

## 1/15/16 - Update 1 (0.1.0.201601151923)

### RobotBuilder

- Fix for constants not properly validating and not getting overwritten on subsequent code generations
- Fix for parameterless commands causing generation issues

### WPILib - DriverStation Class:

- Getting Names for joysticks other than 0 now returns proper name instead of the stick 0 name
- Getting Joystick Descriptors no longer causes code crash

### WPILib - C++

- Fixed a bug where code (particularly empty code) may crash without explanation.

### Simulation:

- Updated to use the new Gyro interface and changed Gyro -> AnalogGyro for the concrete class
- Java debug works as documented - debug doesn't automatically try to restart gazebo

### NTCore

- Leading slashes on network table paths are ignored preventing double slashes from being inserted

## 1/7/16 - Kickoff Release (0.1.0.201601072029)

Initial Kickoff release for 2016.