

Package com._604robotics.utils

Interface Summary

Interface	Description
XboxController.Axis	Enumeration for the available axes on the Xbox controller.
XboxController.Button	Enumeration for the available buttons on the Xbox controller.
XboxController.Button.DPad	
XboxController.Stick	Enumeration for the available sticks on the Xbox controller.

Class Summary

Class	Description
CompensatingGyro	Gyro with manual compensation-setting support.
ConvertingPIDController	An extender of a PIDController that converts between units when getting and setting a setpoint.
DeadbandedSource	Implements a PIDSource, wrapping around another PIDSource, with a deadband range.
DualVictor	Control two Victors like they're one.
EncoderOffset	Encoder extender that return the value of Encoder.get() when pidGet is called.
EncoderPIDSource	Encoder extender that return the value of Encoder.get() when pidGet is called.
Gyro360	Extender class to constrain the output of a Gyro to 360 degrees, looping.
LinearController	This class implements a controller with a horizontal segment, a linear segment, and finally a coasting segment.
SpringableDoubleSolenoid	Extender of a DoubleSolenoid providing an easier control flow.
SpringableRelay	Extender of a Relay providing an easier control flow.
SpringableVictor	Extender of a Victor providing an easier control flow.
UpDownPIDController	A PIDController with different gains for up and down.
UpDownPIDController.Gains	A structure containing the P, I, and D gains.
VelocityController	Class for controlling a motor's velocity, rather than its power directly.
XboxController	Wrapper joystick class for the Xbox 360 controllers.