Wheel.lvlib:Wheel_Get_Value.vi

Help by FRC Team 836

This VI will return the actual set parameters of wheel.
Wheel DevRef Out

Shooter Config reference
Shooter Data

MotorControlDevRef

DeviceStatus

status

status is TRUE (X) if an error occurred or FALSE (checkmark) to indicate a warning or that no error occurred.

Right-click the error in control on the front panel and select Explain Error or Explain Warning from the shortcut menu for more information about the error.

code

code is the error or warning code.

Right-click the error in control on the front panel and select Explain Error or Explain Warning from the shortcut menu for more information about the error.

source

source describes the origin of the error or warning.

Right-click the error in control on the front panel and select Explain Error or Explain Warning from the shortcut menu for more information about the error.

Type

PWM
PWM Channel

DeadBand

Name

maxPositivePwm

minPositivePwm

centerPwm

maxNegativePwm

minNegativePwm

angularRange

CAN

Device Number

Control Mode

Semaphore

Semaphore is a reference to an existing or newly created semaphore.

Max Vout
TalonSRX Control Mode

**Control Mode** specifies how the Talon SRX will control the motor. Percent VBus is the standard open-loop mode that is also accessible via the PWM interface on the Talon SRX.

**Invert**

**Set Point**

**Actual**

**Numeric**

Wheel.lvlib:Config.ctl

C:\Program Files (x86)\National Instruments\LabVIEW 2015\user.lib\836-Library\Motion Control\Shooter_Wheel\Config.ctl

WPI_MotorControlType.ctl
WPI_CANTalonSRX_APIControlMode.ctl

Wheel.lvlib:WheelControl.ctl

Wheel.lvlib:Data.ctl

WPI_PWMDeadband.ctl

WPI_MotorControlDeviceRef.ctl

FPGA_DIOPWMChannel.ctl
Semaphore RefNum

C:\Program Files (x86)\National Instruments\LabVIEW 2015\vi.lib\Utility\semaphor.llb\Semaphore RefNum

WPI_CANJaguar_ControlMode.ctl

C:\Program Files (x86)\National Instruments\LabVIEW 2015\vi.lib\Rock Robotics\WPI\CAN\Jaguar\SubVIs\WPI_CANJaguar_ControlMode.ctl

"Wheel.lvlib:Wheel_Get_Value.vi History"

Current Revision: 12

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Position in Hierarchy

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Iconified Cluster Constants