EV3 Gyro Sensor

Category	Requires	Version
LEGO® MINDSTORMS® > EV3	API 19, Android 4.4 - 4.4.4 KitKat	1

Overview

A component that provides a high-level interface to a gyro sensor on a LEGO MINDSTORMS EV3 robot.

Events

Sensor Value Changed

Called then the sensor value changed.

Params	
sensor Value	Number

Methods

Get Sensor Value

Returns: *Number*

Returns the current angle or rotation speed based on current mode, or -1 if the value cannot be read from sensor.

Set Angle Mode

Measures the orientation of the sensor.

Set Rate Mode

Measures the angular velocity of the sensor.

Properties

Bluetooth Client

`Component` — `Read` `Write` - `Designer` `Blocks`

The BluetoothClient component that should be used for communication.

Mode

`Text` `Default: angle` — `Read` `Write` - `Designer` `Blocks`

Specifies the mode of the sensor.

Sensor Port

`Text` `Default: 1` — `Write` - `Designer`

The sensor port that the sensor is connected to.

Sensor Value Changed Event Enabled

`Boolean` `Default: False` — `Read` `Write` - `Designer` `Blocks`

Whether the SensorValueChanged event should fire when the sensor value changed.