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com._604robotics.robot2012.autonomous

Class PIDDriveGyro

java.lang.Object
    com._604robotics.robot2012.autonomous.PIDDriveGyro

All Implemented Interfaces:

PIDOutput

```
public class PIDDriveGyro
extends Object
implements PIDOutput
```

Driving shim for the gyro-based PID-turning controller thing.

Author:

Michael Smith

Constructor Summary

Constructors

Constructor and Description
PIDDriveGyro(**RobotDrive** driveTrain) Initializes a new PIDDriveGyro, based on the given RobotDrive.

Method Summary

Methods

Modifier and Type	Method and Description
void	**pidWrite**(double output) Writes the output from the PIDController to the RobotDrive, in the form of a turn value.

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

PIDDriveGyro

```
public PIDDriveGyro(RobotDrive driveTrain)
```

Initializes a new PIDDriveGyro, based on the given RobotDrive.

Parameters:

driveTrain - The RobotDrive object to control.

Method Detail

pidWrite

```
public void pidWrite(double output)
```

Writes the output from the PIDController to the RobotDrive, in the form of a turn value.

Specified by:

pidWrite in interface PIDOutput

Parameters:

`output` - The output of the PIDController.