

com._604robotics.robot2012.rotation

Class SlightlySmarterRotationProvider

java.lang.Object
com._604robotics.robot2012.rotation.SlightlySmarterRotationProvider

All Implemented Interfaces:

RotationProvider

```
public class SlightlySmarterRotationProvider
extends Object
implements RotationProvider
```

A slightly smarter implementation of a rotation provider, which tries to account for network delay, etc.

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Constructor Summary

Constructors

Constructor and Description
SlightlySmarterRotationProvider (PIDController controller, CameraInterface cameraInterface, Encoder encoderTurret) Initializes a new SlightlySmarterRotationProvider.

Method Summary

Methods

Modifier and Type	Method and Description
void	setDefaultPosition (double defaultPosition) Sets the "default" position, if no targets can be located.
boolean	update () Updates the aiming of the turret.

Methods inherited from class java.lang.Object

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

Constructor Detail

SlightlySmarterRotationProvider

```
public SlightlySmarterRotationProvider(PIDController controller,
                                       CameraInterface cameraInterface,
                                       Encoder encoderTurret)
```

Initializes a new SlightlySmarterRotationProvider.

Parameters:

controller

 - The PIDController to control.

cameraInterface

 - The CameraInterface to read data from.

encoderTurret

 - The turret encoder to read data from.

Method Detail

setDefaultPosition

```
public void setDefaultPosition(double defaultPosition)
```

Description copied from interface: `RotationProvider`

Sets the "default" position, if no targets can be located.

Specified by:

`setDefaultPosition` in interface `RotationProvider`

update

```
public boolean update()
```

Description copied from interface: `RotationProvider`

Updates the aiming of the turret.

Specified by:

`update` in interface `RotationProvider`

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