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Summary: Nested | Field | Constr | Method   Detail: Field | Constr | Method

com._604robotics.robot2012.rotation

Class SlowbroRotationProvider

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

All Implemented Interfaces:

RotationProvider

```
public class SlowbroRotationProvider
extends Object
implements RotationProvider
```

Implements a slow-er-ish, but more robust-ish, RotationProvider.

Author:

Michael Smith

Constructor Summary

Constructors
Constructor and Description
SlowbroRotationProvider(**ConvertingPIDController** controller, **CameraInterface** cameraInterface, **Encoder** encoderTurret)   Initializes a new SlowbroRotationProvider.

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

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Constructor Detail

SlowbroRotationProvider

```
public SlowbroRotationProvider(ConvertingPIDController controller,
                    CameraInterface cameraInterface,
                    Encoder encoderTurret)
```

Initializes a new SlowbroRotationProvider.

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