

com._604robotics.robot2012.rotation

Class NaiveRotationProvider

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

All Implemented Interfaces:

RotationProvider

```
public class NaiveRotationProvider
extends Object
implements RotationProvider
```

A naive implementation of a RotationProvider,

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Constructor Summary

Constructors

Constructor and Description
NaiveRotationProvider (PIDController controller, CameraInterface cameraInterface, Encoder encoderTurret) Initializes a new NaiveRotationProvider, giving it control over the specified PIDController.

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

NaiveRotationProvider

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

Initializes a new NaiveRotationProvider, giving it control over the specified PIDController.

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`

[Overview](#) [Package](#) **[Class](#)** [Tree](#) [Deprecated](#) [Index](#) [Help](#)

[Prev Class](#) **[Next Class](#)** [Frames](#) [No Frames](#) [All Classes](#)

Summary: [Nested](#) | [Field](#) | [Constr](#) | [Method](#) [Detail:](#) [Field](#) | [Constr](#) | [Method](#)