

com._604robotics.robot2012.machine

Class ElevatorMachine

java.lang.Object
com._604robotics.robot2012.machine.ElevatorMachine

All Implemented Interfaces:

StrangeMachine

```
public class ElevatorMachine
extends Object
implements StrangeMachine
```

Machine to control the elevator.

Author:

Michael Smith

Nested Class Summary

Nested Classes

Modifier and Type	Class and Description
static interface	ElevatorMachine.ElevatorState Various possible states the elevator can be in.

Constructor Summary

Constructors

Constructor and Description
ElevatorMachine (PIDController controller, Encoder encoder) Initializes a new ElevatorMachine.

Method Summary

Methods

Modifier and Type	Method and Description
boolean	crank (int state) Causes the Machine to strive for the target state.
boolean	test (int state) Tests if the Machine has yet attained the target state.

Methods inherited from class java.lang.Object

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

Constructor Detail

ElevatorMachine

```
public ElevatorMachine(PIDController controller,
                       Encoder encoder)
```

Initializes a new ElevatorMachine.

Parameters:

- controller - A PIDController to control.
- encoder - The encoder monitoring the elevator's vertical position.

Method Detail

test

```
public boolean test(int state)
```

Description copied from interface: [StrangeMachine](#)

Tests if the Machine has yet attained the target state.

Specified by:

`test` in interface [StrangeMachine](#)

Parameters:

`state` - The target state.

Returns:

Whether or not the Machine has attained the target state.

crank

```
public boolean crank(int state)
```

Description copied from interface: [StrangeMachine](#)

Causes the Machine to strive for the target state.

Specified by:

`crank` in interface [StrangeMachine](#)

Parameters:

`state` - The state to strive for.

Returns:

Whether or not the target state has been reached.

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