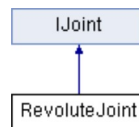


RevoluteJoint Class Reference

Inheritance diagram for RevoluteJoint:



Public Member Functions

RevoluteJoint ()

Revolute Joint Constructor (Angle Initialized to 0) [More...](#)

RevoluteJoint (double)

Alternate Prismatic Joint Constructor. [More...](#)

virtual **~RevoluteJoint** ()

Revolute Joint Destructor. [More...](#)

double **getConfig** ()

Method to retrieve Revolute Joint Angle (Degrees) [More...](#)

void **setConfig** (double)

Method to set current joint configuration. [More...](#)

► **Public Member Functions inherited from IJoint**

Private Attributes

double **angle**

Constructor & Destructor Documentation

◆ **RevoluteJoint**() [1/2]

RevoluteJoint::RevoluteJoint ()

Revolute Joint Constructor (Angle Initialized to 0)

Parameters

None

Returns

None.

◆ **RevoluteJoint**() [2/2]

RevoluteJoint::RevoluteJoint (double **aAngle**)

explicit

Alternate Prismatic Joint Constructor.

Parameters

double Sets the angle of the Revolute joint

Returns

None.

◆ ~RevoluteJoint()

RevoluteJoint::~~RevoluteJoint ()

Revolute Joint Destructor.

Parameters

None

Returns

None.

Member Function Documentation

◆ getConfig()

double RevoluteJoint::getConfig ()

virtual

Method to retrieve Revolute Joint Angle (Degrees)

Parameters

None.

Returns

double Current Revolute Joint angle.

Implements [IJoint](#).

◆ setConfig()

void RevoluteJoint::setConfig (double aAngle)

virtual

Method to set current joint configuration.

Parameters

double The current angle of the Revolute joint. (Degrees)

Returns

None.

Implements [IJoint](#).

The documentation for this class was generated from the following files:

- C:/Users/ethan/Desktop/Doxygen Environment/ENPM808X_Midterm-master/include/[RevoluteJoint.hpp](#)
- C:/Users/ethan/Desktop/Doxygen Environment/ENPM808X_Midterm-master/app/RevoluteJoint.cpp