PrismaticJoint Class Reference

Inheritance diagram for PrismaticJoint:
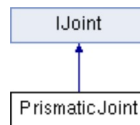
Public Member Functions

	PrismaticJoint ()
	Prismatic Joint Constructor (Length Initialized to 0) More...
	PrismaticJoint (double)
	Alternate Prismatic Joint Constructor. More...
virtual	**~PrismaticJoint** ()
	Prismatic Joint Destructor. More...
double	**getConfig** ()
	Method to retrieve Prismatic Joint Length (Meters) More...
void	**setConfig** (double)
	Method to set current joint configuration. More...

▶ **Public Member Functions inherited from IJoint**

Private Attributes

double	**length**

Constructor & Destructor Documentation

◆ PrismaticJoint() [1/2]

PrismaticJoint::PrismaticJoint ( )

Prismatic Joint Constructor (Length Initialized to 0)

Parameters
> **None**

Returns
> None.

◆ PrismaticJoint() [2/2]

PrismaticJoint::PrismaticJoint (double aLength)   `explicit`

Alternate Prismatic Joint Constructor.

Parameters
> **double** Sets the length of the Prismatic joint

Returns
> None.

◆ ~PrismaticJoint()

PrismaticJoint::~PrismaticJoint ( )

Prismatic Joint Destructor.

Parameters
> **None**

Returns
> None.

Member Function Documentation

◆ getConfig()

double PrismaticJoint::getConfig ( ) `virtual`

Method to retrieve Prismatic Joint Length (Meters)

Parameters
> **None.**

Returns
> double Current Prismatic Joint length.

Implements **IJoint**.

◆ setConfig()

void PrismaticJoint::setConfig (double aLength) `virtual`

Method to set current joint configuration.

Parameters
> **double** The current length of the Prismatic joint. (Meters)

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/**PrismaticJoint.hpp**
- C:/Users/ethan/Desktop/Doxygen Environment/ENPM808X_Midterm-master/app/PrismaticJoint.cpp

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