

A B C D E F G H I L M P Q R S T U V W X Y Z

L**LinearRegression** - Class in `com._604robotics.robot2012.vision`Accepts a sequence of pairs of real numbers and computes the best fit (least squares) line $y = ax + b$ through the set of points.**LinearRegression()** - Constructor for class `com._604robotics.robot2012.vision.LinearRegression`**LinearRegression.BackwardsRegressionResult** - Class in `com._604robotics.robot2012.vision`A regression result that, instead of having y as a function of x has x as a function of y .**LinearRegression.BackwardsRegressionResult(double, double, double)** - Constructor for class `com._604robotics.robot2012.vision.LinearRegression.BackwardsRegressionResult`**LinearRegression.ReggressionResult** - Class in `com._604robotics.robot2012.vision`

A regression result that indicates the line that best matches a given set of data.

LinearRegression.ReggressionResult(double, double, double) - Constructor for class `com._604robotics.robot2012.vision.LinearRegression.ReggressionResult`**LinkedSlider** - Class in `com._604robotics.robot2012.vision.config`

A JSlider that displays its current position and name in JLabels next to it

LinkedSlider(String, int, int, int) - Constructor for class `com._604robotics.robot2012.vision.config.LinkedSlider`

A constructor for a LinkedSlider

LinkedSlider.DoubleLinkedSlider - Class in `com._604robotics.robot2012.vision.config`

A LinkedSlider that can be set to floating-point values

LinkedSlider.DoubleLinkedSlider(String, double, double) - Constructor for class `com._604robotics.robot2012.vision.config.LinkedSlider.DoubleLinkedSlider`

A constructor for a DoubleLinkedSlider

LinkedSlider.ExponentialLinkedSlider - Class in `com._604robotics.robot2012.vision.config`

A LinkedSlider that has an exponential scale, so it is much easier to pick small values (close to zero) while still allowing a range up to 1

LinkedSlider.ExponentialLinkedSlider(String, double, double) - Constructor for class `com._604robotics.robot2012.vision.config.LinkedSlider.ExponentialLinkedSlider`

A constructor to make an ExponentialLinkedSlider

LinkedSlider.ExponentialLinkedSlider(String, double) - Constructor for class `com._604robotics.robot2012.vision.config.LinkedSlider.ExponentialLinkedSlider`

A constructor to make an ExponentialLinkedSlider.

LinkedSlider.IntLinkedSlider - Class in `com._604robotics.robot2012.vision.config`

A LinkedSlider that can only be set to integers

LinkedSlider.IntLinkedSlider(String, int, int, int) - Constructor for class `com._604robotics.robot2012.vision.config.LinkedSlider.IntLinkedSlider`

A constructor

loopAndProcessPics() - Method in class `com._604robotics.robot2012.vision.VisionProcessing`

This function waits for images from the image stream, processes them, and then sends results to the robot.

loopAndProcessPreSavedPics() - Method in class `com._604robotics.robot2012.vision.VisionProcessing`

This function is just a simple debug function for testing with pre-saved images.

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