

com._604robotics.robot2012.vision

Class Point3d

java.lang.Object
com._604robotics.robot2012.vision.Point3d

```
public class Point3d
extends Object
```

This represents a point in 3d space

Author:

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Field Summary

Fields

Modifier and Type	Field and Description
double	x the x value
double	y the y value
double	z the z value

Constructor Summary

Constructors

Constructor and Description
Point3d (double x, double y, double z)

Method Summary

Methods

Modifier and Type	Method and Description
double	getX ()
double	getY ()
double	getZ ()
void	setX (double x) Sets the X value of this Point
void	setY (double y) Sets the Y value of this Point
void	setZ (double z) Sets the Z value of this Point

Methods inherited from class java.lang.Object

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

Field Detail

x
public double x
the x value

y

```
public double y
```

the y value

z

```
public double z
```

the z value

Constructor Detail

Point3d

```
public Point3d(double x,  
               double y,  
               double z)
```

Parameters:

- x -- the x value
- y -- the y value
- z -- the z value

Method Detail

getX

```
public double getX()
```

Returns:

- the X value

setX

```
public void setX(double x)
```

Sets the X value of this Point

Parameters:

- x -- the X value

getY

```
public double getY()
```

Returns:

- the Y value

setY

```
public void setY(double y)
```

Sets the Y value of this Point

Parameters:

- y -- the Y value

getZ

```
public double getZ()
```

Returns:

- the Z value

setZ

```
public void setZ(double z)
```

Sets the Z value of this Point

Parameters:

z - - the Z value

[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](#)