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com._604robotics.robot2012.vision

Class AABB

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

```
public class AABB
extends java.lang.Object
```

An Axis-Aligned Bounding Box. This stores two opposite corner values of a rectangle that has perfectly vertical and horizontal sides.

Field Summary

Fields

Modifier and Type	Field and Description
int	**x1**
int	**x2**
int	**y1**
int	**y2**

Constructor Summary

Constructors

Constructor and Description
AABB(int x1, int y1, int x2, int y2)

Method Summary

Methods inherited from class java.lang.Object

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

Field Detail

x1

```
public int x1
```

y1

```
public int y1
```

x2

```
public int x2
```

y2

```
public int y2
```

Constructor Detail

AABB

```
public AABB(int x1,
    int y1,
    int x2,
    int y2)
```

Parameters:

    `x1` - - lowest x value on the rectangle

    `y1` - - lowest y value on the rectangle

    `x2` - - highest x value on the rectangle

    `y2` - - highest y value on the rectangle

AABB

```
public AABB(int x1,
    int y1,
    int x2,
    int y2)
```