

com._604robotics.robot2012.vision

Class Result

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

Direct Known Subclasses:

Result.AntiResult, Result.PlusResult

public abstract class **Result**
extends java.lang.Object

This class stores one tile of "is in target" data. If there are no matches for the target, a `Result.AntiResult` is used. If there are matching pixels, a `Result.PlusResult` is used.

Nested Class Summary

Nested Classes

Modifier and Type	Class and Description
static class	<code>Result.AntiResult</code> A result indicating that it is unlikely that the target lies in the indicated tile
static class	<code>Result.PlusResult</code> A result indicating that it is likely that the target lies in the indicated tile

Constructor Summary

Constructors

Constructor and Description
<code>Result()</code>

Method Summary

Methods

Modifier and Type	Method and Description
boolean	<code>hasPlus()</code>
boolean	<code>plusAt(int x, int y)</code>

Methods inherited from class java.lang.Object

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

Constructor Detail

Result

public Result()

Method Detail

hasPlus

public boolean hasPlus()

Returns:

whether there are any pixels matching the color of the target or not

plusAt

```
public boolean plusAt(int x,  
                      int y)
```

Parameters:

x - the X coordinate (within the tile, not the image)

y - the Y coordinate (within the tile, not the image)

Returns:

whether or not the pixel at the given location matches the Target color

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