

com._604robotics.robot2012.vision

Class ResultImage

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

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

A result image that holds an image of how well pixels match the expected color of the vision target. It is treated like a giant boolean array externally, but internally it is split up into small tiles.

See Also:

Result

Field Summary

Fields

Modifier and Type	Field and Description
Result[]	results

Constructor Summary

Constructors

Constructor and Description
ResultImage(int imW, int imH) A constructor to create a new ResultImage.

Method Summary

Methods

Modifier and Type	Method and Description
void	computeResults(Img img) This method goes through an Img and finds which pixels appear to match the color of the vision target.
boolean	isTarget(int x, int y)

Methods inherited from class java.lang.Object

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

Field Detail

results

public Result[] results

Constructor Detail

ResultImage

public ResultImage(int imW, int imH)

A constructor to create a new ResultImage. To actually initialize the returned ResultImage, use ResultImage

A constructor to create a new ResultImage. To actually initialize the returned ResultImage, use ResultImage

Parameters:

- imW - the width of the image
- imH - the height of the image

Method Detail

computeResults

```
public void computeResults(Img img)
```

This method goes through an `Img` and finds which pixels appear to match the color of the vision target.

Parameters:

- img - the image to process and find matching Target-colored pixels

isTarget

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

Parameters:

- x - The X coordinate, in pixels
- y - The Y coordinate, in pixels

Returns: