JavaScript is disabled on your browser.

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org.opencv.features2d

## Class GFTTDetector

* java.lang.Object
  + [org.opencv.core.Algorithm](http://docs.google.com/org/opencv/core/Algorithm.html)
    - [org.opencv.features2d.Feature2D](http://docs.google.com/org/opencv/features2d/Feature2D.html)
      * org.opencv.features2d.GFTTDetector
* public class GFTTDetector  
  extends [Feature2D](http://docs.google.com/org/opencv/features2d/Feature2D.html)  
  Wrapping class for feature detection using the goodFeaturesToTrack function. :

### Method SummaryMethods

| Modifier and Type | Method and Description |
| --- | --- |
| static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) | [**\_\_fromPtr\_\_**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#__fromPtr__(long))(long addr) |
| static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) | [**create**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#create())() |
| static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) | [**create**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#create(int))(int maxCorners) |
| static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) | [**create**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#create(int,%20double))(int maxCorners, double qualityLevel) |
| static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) | [**create**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#create(int,%20double,%20double))(int maxCorners, double qualityLevel, double minDistance) |
| static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) | [**create**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#create(int,%20double,%20double,%20int))(int maxCorners, double qualityLevel, double minDistance, int blockSize) |
| static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) | [**create**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#create(int,%20double,%20double,%20int,%20boolean))(int maxCorners, double qualityLevel, double minDistance, int blockSize, boolean useHarrisDetector) |
| static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) | [**create**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#create(int,%20double,%20double,%20int,%20boolean,%20double))(int maxCorners, double qualityLevel, double minDistance, int blockSize, boolean useHarrisDetector, double k) |
| static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) | [**create**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#create(int,%20double,%20double,%20int,%20int))(int maxCorners, double qualityLevel, double minDistance, int blockSize, int gradiantSize) |
| static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) | [**create**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#create(int,%20double,%20double,%20int,%20int,%20boolean))(int maxCorners, double qualityLevel, double minDistance, int blockSize, int gradiantSize, boolean useHarrisDetector) |
| static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) | [**create**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#create(int,%20double,%20double,%20int,%20int,%20boolean,%20double))(int maxCorners, double qualityLevel, double minDistance, int blockSize, int gradiantSize, boolean useHarrisDetector, double k) |
| int | [**getBlockSize**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#getBlockSize())() |
| java.lang.String | [**getDefaultName**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#getDefaultName())() Returns the algorithm string identifier. |
| boolean | [**getHarrisDetector**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#getHarrisDetector())() |
| double | [**getK**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#getK())() |
| int | [**getMaxFeatures**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#getMaxFeatures())() |
| double | [**getMinDistance**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#getMinDistance())() |
| double | [**getQualityLevel**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#getQualityLevel())() |
| void | [**setBlockSize**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#setBlockSize(int))(int blockSize) |
| void | [**setHarrisDetector**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#setHarrisDetector(boolean))(boolean val) |
| void | [**setK**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#setK(double))(double k) |
| void | [**setMaxFeatures**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#setMaxFeatures(int))(int maxFeatures) |
| void | [**setMinDistance**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#setMinDistance(double))(double minDistance) |
| void | [**setQualityLevel**](http://docs.google.com/org/opencv/features2d/GFTTDetector.html#setQualityLevel(double))(double qlevel) |

### Methods inherited from class org.opencv.features2d.[**Feature2D**](http://docs.google.com/org/opencv/features2d/Feature2D.html)[compute](http://docs.google.com/org/opencv/features2d/Feature2D.html#compute(java.util.List,%20java.util.List,%20java.util.List)), [compute](http://docs.google.com/org/opencv/features2d/Feature2D.html#compute(org.opencv.core.Mat,%20org.opencv.core.MatOfKeyPoint,%20org.opencv.core.Mat)), [defaultNorm](http://docs.google.com/org/opencv/features2d/Feature2D.html#defaultNorm()), [descriptorSize](http://docs.google.com/org/opencv/features2d/Feature2D.html#descriptorSize()), [descriptorType](http://docs.google.com/org/opencv/features2d/Feature2D.html#descriptorType()), [detect](http://docs.google.com/org/opencv/features2d/Feature2D.html#detect(java.util.List,%20java.util.List)), [detect](http://docs.google.com/org/opencv/features2d/Feature2D.html#detect(java.util.List,%20java.util.List,%20java.util.List)), [detect](http://docs.google.com/org/opencv/features2d/Feature2D.html#detect(org.opencv.core.Mat,%20org.opencv.core.MatOfKeyPoint)), [detect](http://docs.google.com/org/opencv/features2d/Feature2D.html#detect(org.opencv.core.Mat,%20org.opencv.core.MatOfKeyPoint,%20org.opencv.core.Mat)), [detectAndCompute](http://docs.google.com/org/opencv/features2d/Feature2D.html#detectAndCompute(org.opencv.core.Mat,%20org.opencv.core.Mat,%20org.opencv.core.MatOfKeyPoint,%20org.opencv.core.Mat)), [detectAndCompute](http://docs.google.com/org/opencv/features2d/Feature2D.html#detectAndCompute(org.opencv.core.Mat,%20org.opencv.core.Mat,%20org.opencv.core.MatOfKeyPoint,%20org.opencv.core.Mat,%20boolean)), [empty](http://docs.google.com/org/opencv/features2d/Feature2D.html#empty()), [read](http://docs.google.com/org/opencv/features2d/Feature2D.html#read(java.lang.String)), [write](http://docs.google.com/org/opencv/features2d/Feature2D.html#write(java.lang.String))

### Methods inherited from class org.opencv.core.[**Algorithm**](http://docs.google.com/org/opencv/core/Algorithm.html)[clear](http://docs.google.com/org/opencv/core/Algorithm.html#clear()), [getNativeObjAddr](http://docs.google.com/org/opencv/core/Algorithm.html#getNativeObjAddr()), [save](http://docs.google.com/org/opencv/core/Algorithm.html#save(java.lang.String))

### Methods inherited from class java.lang.Objectequals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Method Detail

#### \_\_fromPtr\_\_ public static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) \_\_fromPtr\_\_(long addr)

#### create public static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) create()

#### create public static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) create(int maxCorners)

#### create public static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) create(int maxCorners, double qualityLevel)

#### create public static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) create(int maxCorners, double qualityLevel, double minDistance)

#### create public static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) create(int maxCorners, double qualityLevel, double minDistance, int blockSize)

#### create public static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) create(int maxCorners, double qualityLevel, double minDistance, int blockSize, boolean useHarrisDetector)

#### create public static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) create(int maxCorners, double qualityLevel, double minDistance, int blockSize, boolean useHarrisDetector, double k)

#### create public static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) create(int maxCorners, double qualityLevel, double minDistance, int blockSize, int gradiantSize)

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#### create public static [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) create(int maxCorners, double qualityLevel, double minDistance, int blockSize, int gradiantSize, boolean useHarrisDetector, double k)

#### getBlockSize public int getBlockSize()

#### getDefaultName public java.lang.String getDefaultName() **Description copied from class:**[**Algorithm**](http://docs.google.com/org/opencv/core/Algorithm.html#getDefaultName()) Returns the algorithm string identifier. This string is used as top level xml/yml node tag when the object is saved to a file or string.**Overrides:** [getDefaultName](http://docs.google.com/org/opencv/features2d/Feature2D.html#getDefaultName()) in class [Feature2D](http://docs.google.com/org/opencv/features2d/Feature2D.html) Returns:automatically generated

#### getHarrisDetector public boolean getHarrisDetector()

#### getK public double getK()

#### getMaxFeatures public int getMaxFeatures()

#### getMinDistance public double getMinDistance()

#### getQualityLevel public double getQualityLevel()

#### setBlockSize public void setBlockSize(int blockSize)

#### setHarrisDetector public void setHarrisDetector(boolean val)

#### setK public void setK(double k)

#### setMaxFeatures public void setMaxFeatures(int maxFeatures)

#### setMinDistance public void setMinDistance(double minDistance)

#### setQualityLevel public void setQualityLevel(double qlevel)

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