JavaScript is disabled on your browser.

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org.opencv.core

## Class Rect

* java.lang.Object
  + org.opencv.core.Rect
* public class Rect  
  extends java.lang.Object

### Field SummaryFields

| Modifier and Type | Field and Description |
| --- | --- |
| int | [**height**](http://docs.google.com/org/opencv/core/Rect.html#height) |
| int | [**width**](http://docs.google.com/org/opencv/core/Rect.html#width) |
| int | [**x**](http://docs.google.com/org/opencv/core/Rect.html#x) |
| int | [**y**](http://docs.google.com/org/opencv/core/Rect.html#y) |

### Constructor SummaryConstructors

| Constructor and Description |
| --- |
| [**Rect**](http://docs.google.com/org/opencv/core/Rect.html#Rect())() |
| [**Rect**](http://docs.google.com/org/opencv/core/Rect.html#Rect(double%5B%5D))(double[] vals) |
| [**Rect**](http://docs.google.com/org/opencv/core/Rect.html#Rect(int,%20int,%20int,%20int))(int x, int y, int width, int height) |
| [**Rect**](http://docs.google.com/org/opencv/core/Rect.html#Rect(org.opencv.core.Point,%20org.opencv.core.Point))([Point](http://docs.google.com/org/opencv/core/Point.html) p1, [Point](http://docs.google.com/org/opencv/core/Point.html) p2) |
| [**Rect**](http://docs.google.com/org/opencv/core/Rect.html#Rect(org.opencv.core.Point,%20org.opencv.core.Size))([Point](http://docs.google.com/org/opencv/core/Point.html) p, [Size](http://docs.google.com/org/opencv/core/Size.html) s) |

### Method SummaryMethods

| Modifier and Type | Method and Description |
| --- | --- |
| double | [**area**](http://docs.google.com/org/opencv/core/Rect.html#area())() |
| [Point](http://docs.google.com/org/opencv/core/Point.html) | [**br**](http://docs.google.com/org/opencv/core/Rect.html#br())() |
| [Rect](http://docs.google.com/org/opencv/core/Rect.html) | [**clone**](http://docs.google.com/org/opencv/core/Rect.html#clone())() |
| boolean | [**contains**](http://docs.google.com/org/opencv/core/Rect.html#contains(org.opencv.core.Point))([Point](http://docs.google.com/org/opencv/core/Point.html) p) |
| boolean | [**empty**](http://docs.google.com/org/opencv/core/Rect.html#empty())() |
| boolean | [**equals**](http://docs.google.com/org/opencv/core/Rect.html#equals(java.lang.Object))(java.lang.Object obj) |
| int | [**hashCode**](http://docs.google.com/org/opencv/core/Rect.html#hashCode())() |
| void | [**set**](http://docs.google.com/org/opencv/core/Rect.html#set(double%5B%5D))(double[] vals) |
| [Size](http://docs.google.com/org/opencv/core/Size.html) | [**size**](http://docs.google.com/org/opencv/core/Rect.html#size())() |
| [Point](http://docs.google.com/org/opencv/core/Point.html) | [**tl**](http://docs.google.com/org/opencv/core/Rect.html#tl())() |
| java.lang.String | [**toString**](http://docs.google.com/org/opencv/core/Rect.html#toString())() |

### Methods inherited from class java.lang.ObjectgetClass, notify, notifyAll, wait, wait, wait

### Field Detail

#### height public int height

#### width public int width

#### x public int x

#### y public int y

### Constructor Detail

#### Rect public Rect()

#### Rect public Rect(double[] vals)

#### Rect public Rect(int x, int y, int width, int height)

#### Rect public Rect([Point](http://docs.google.com/org/opencv/core/Point.html) p1, [Point](http://docs.google.com/org/opencv/core/Point.html) p2)

#### Rect public Rect([Point](http://docs.google.com/org/opencv/core/Point.html) p, [Size](http://docs.google.com/org/opencv/core/Size.html) s)

### Method Detail

#### area public double area()

#### br public [Point](http://docs.google.com/org/opencv/core/Point.html) br()

#### clone public [Rect](http://docs.google.com/org/opencv/core/Rect.html) clone()**Overrides:** clone in class java.lang.Object

#### contains public boolean contains([Point](http://docs.google.com/org/opencv/core/Point.html) p)

#### empty public boolean empty()

#### equals public boolean equals(java.lang.Object obj)**Overrides:** equals in class java.lang.Object

#### hashCode public int hashCode()**Overrides:** hashCode in class java.lang.Object

#### set public void set(double[] vals)

#### size public [Size](http://docs.google.com/org/opencv/core/Size.html) size()

#### tl public [Point](http://docs.google.com/org/opencv/core/Point.html) tl()

#### toString public java.lang.String toString()**Overrides:** toString in class java.lang.Object

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