JavaScript is disabled on your browser.

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org.opencv.core

## Class Point3

* java.lang.Object
  + org.opencv.core.Point3
* public class Point3  
  extends java.lang.Object

### Field SummaryFields

| Modifier and Type | Field and Description |
| --- | --- |
| double | [**x**](http://docs.google.com/org/opencv/core/Point3.html#x) |
| double | [**y**](http://docs.google.com/org/opencv/core/Point3.html#y) |
| double | [**z**](http://docs.google.com/org/opencv/core/Point3.html#z) |

### Constructor SummaryConstructors

| Constructor and Description |
| --- |
| [**Point3**](http://docs.google.com/org/opencv/core/Point3.html#Point3())() |
| [**Point3**](http://docs.google.com/org/opencv/core/Point3.html#Point3(double%5B%5D))(double[] vals) |
| [**Point3**](http://docs.google.com/org/opencv/core/Point3.html#Point3(double,%20double,%20double))(double x, double y, double z) |
| [**Point3**](http://docs.google.com/org/opencv/core/Point3.html#Point3(org.opencv.core.Point))([Point](http://docs.google.com/org/opencv/core/Point.html) p) |

### Method SummaryMethods

| Modifier and Type | Method and Description |
| --- | --- |
| [Point3](http://docs.google.com/org/opencv/core/Point3.html) | [**clone**](http://docs.google.com/org/opencv/core/Point3.html#clone())() |
| [Point3](http://docs.google.com/org/opencv/core/Point3.html) | [**cross**](http://docs.google.com/org/opencv/core/Point3.html#cross(org.opencv.core.Point3))([Point3](http://docs.google.com/org/opencv/core/Point3.html) p) |
| double | [**dot**](http://docs.google.com/org/opencv/core/Point3.html#dot(org.opencv.core.Point3))([Point3](http://docs.google.com/org/opencv/core/Point3.html) p) |
| boolean | [**equals**](http://docs.google.com/org/opencv/core/Point3.html#equals(java.lang.Object))(java.lang.Object obj) |
| int | [**hashCode**](http://docs.google.com/org/opencv/core/Point3.html#hashCode())() |
| void | [**set**](http://docs.google.com/org/opencv/core/Point3.html#set(double%5B%5D))(double[] vals) |
| java.lang.String | [**toString**](http://docs.google.com/org/opencv/core/Point3.html#toString())() |

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

### Field Detail

#### x public double x

#### y public double y

#### z public double z

### Constructor Detail

#### Point3 public Point3()

#### Point3 public Point3(double[] vals)

#### Point3 public Point3(double x, double y, double z)

#### Point3 public Point3([Point](http://docs.google.com/org/opencv/core/Point.html) p)

### Method Detail

#### clone public [Point3](http://docs.google.com/org/opencv/core/Point3.html) clone()**Overrides:** clone in class java.lang.Object

#### cross public [Point3](http://docs.google.com/org/opencv/core/Point3.html) cross([Point3](http://docs.google.com/org/opencv/core/Point3.html) p)

#### dot public double dot([Point3](http://docs.google.com/org/opencv/core/Point3.html) p)

#### 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)

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

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