JavaScript is disabled on your browser.

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* Class
* [Tree](http://docs.google.com/package-tree.html)
* [Index](http://docs.google.com/index-all.html)
* [Help](http://docs.google.com/help-doc.html)
* [Prev Class](http://docs.google.com/org/opencv/core/MatOfPoint3.html)
* [Next Class](http://docs.google.com/org/opencv/core/MatOfRect.html)
* [Frames](http://docs.google.com/index.html?org/opencv/core/MatOfPoint3f.html)
* [No Frames](http://docs.google.com/MatOfPoint3f.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
* Summary:
* Nested |
* [Field](#2et92p0) |
* [Constr](#tyjcwt) |
* [Method](#3dy6vkm)
* Detail:
* Field |
* [Constr](#2s8eyo1) |
* [Method](#lnxbz9)

org.opencv.core

## Class MatOfPoint3f

* java.lang.Object
  + [org.opencv.core.Mat](http://docs.google.com/org/opencv/core/Mat.html)
    - org.opencv.core.MatOfPoint3f
* public class MatOfPoint3f  
  extends [Mat](http://docs.google.com/org/opencv/core/Mat.html)

### Field Summary

### Fields inherited from class org.opencv.core.[**Mat**](http://docs.google.com/org/opencv/core/Mat.html)[nativeObj](http://docs.google.com/org/opencv/core/Mat.html#nativeObj)

### Constructor SummaryConstructors

| Constructor and Description |
| --- |
| [**MatOfPoint3f**](http://docs.google.com/org/opencv/core/MatOfPoint3f.html#MatOfPoint3f())() |
| [**MatOfPoint3f**](http://docs.google.com/org/opencv/core/MatOfPoint3f.html#MatOfPoint3f(org.opencv.core.Mat))([Mat](http://docs.google.com/org/opencv/core/Mat.html) m) |
| [**MatOfPoint3f**](http://docs.google.com/org/opencv/core/MatOfPoint3f.html#MatOfPoint3f(org.opencv.core.Point3...))([Point3](http://docs.google.com/org/opencv/core/Point3.html)... a) |

### Method SummaryMethods

| Modifier and Type | Method and Description |
| --- | --- |
| void | [**alloc**](http://docs.google.com/org/opencv/core/MatOfPoint3f.html#alloc(int))(int elemNumber) |
| void | [**fromArray**](http://docs.google.com/org/opencv/core/MatOfPoint3f.html#fromArray(org.opencv.core.Point3...))([Point3](http://docs.google.com/org/opencv/core/Point3.html)... a) |
| void | [**fromList**](http://docs.google.com/org/opencv/core/MatOfPoint3f.html#fromList(java.util.List))(java.util.List<[Point3](http://docs.google.com/org/opencv/core/Point3.html)> lp) |
| static [MatOfPoint3f](http://docs.google.com/org/opencv/core/MatOfPoint3f.html) | [**fromNativeAddr**](http://docs.google.com/org/opencv/core/MatOfPoint3f.html#fromNativeAddr(long))(long addr) |
| [Point3](http://docs.google.com/org/opencv/core/Point3.html)[] | [**toArray**](http://docs.google.com/org/opencv/core/MatOfPoint3f.html#toArray())() |
| java.util.List<[Point3](http://docs.google.com/org/opencv/core/Point3.html)> | [**toList**](http://docs.google.com/org/opencv/core/MatOfPoint3f.html#toList())() |

### Methods inherited from class org.opencv.core.[**Mat**](http://docs.google.com/org/opencv/core/Mat.html)[adjustROI](http://docs.google.com/org/opencv/core/Mat.html#adjustROI(int,%20int,%20int,%20int)), [assignTo](http://docs.google.com/org/opencv/core/Mat.html#assignTo(org.opencv.core.Mat)), [assignTo](http://docs.google.com/org/opencv/core/Mat.html#assignTo(org.opencv.core.Mat,%20int)), [channels](http://docs.google.com/org/opencv/core/Mat.html#channels()), [checkVector](http://docs.google.com/org/opencv/core/Mat.html#checkVector(int)), [checkVector](http://docs.google.com/org/opencv/core/Mat.html#checkVector(int,%20int)), [checkVector](http://docs.google.com/org/opencv/core/Mat.html#checkVector(int,%20int,%20boolean)), [clone](http://docs.google.com/org/opencv/core/Mat.html#clone()), [col](http://docs.google.com/org/opencv/core/Mat.html#col(int)), [colRange](http://docs.google.com/org/opencv/core/Mat.html#colRange(int,%20int)), [colRange](http://docs.google.com/org/opencv/core/Mat.html#colRange(org.opencv.core.Range)), [cols](http://docs.google.com/org/opencv/core/Mat.html#cols()), [convertTo](http://docs.google.com/org/opencv/core/Mat.html#convertTo(org.opencv.core.Mat,%20int)), [convertTo](http://docs.google.com/org/opencv/core/Mat.html#convertTo(org.opencv.core.Mat,%20int,%20double)), [convertTo](http://docs.google.com/org/opencv/core/Mat.html#convertTo(org.opencv.core.Mat,%20int,%20double,%20double)), [copySize](http://docs.google.com/org/opencv/core/Mat.html#copySize(org.opencv.core.Mat)), [copyTo](http://docs.google.com/org/opencv/core/Mat.html#copyTo(org.opencv.core.Mat)), [copyTo](http://docs.google.com/org/opencv/core/Mat.html#copyTo(org.opencv.core.Mat,%20org.opencv.core.Mat)), [create](http://docs.google.com/org/opencv/core/Mat.html#create(int%5B%5D,%20int)), [create](http://docs.google.com/org/opencv/core/Mat.html#create(int,%20int,%20int)), [create](http://docs.google.com/org/opencv/core/Mat.html#create(org.opencv.core.Size,%20int)), [cross](http://docs.google.com/org/opencv/core/Mat.html#cross(org.opencv.core.Mat)), [dataAddr](http://docs.google.com/org/opencv/core/Mat.html#dataAddr()), [depth](http://docs.google.com/org/opencv/core/Mat.html#depth()), [diag](http://docs.google.com/org/opencv/core/Mat.html#diag()), [diag](http://docs.google.com/org/opencv/core/Mat.html#diag(int)), [diag](http://docs.google.com/org/opencv/core/Mat.html#diag(org.opencv.core.Mat)), [dims](http://docs.google.com/org/opencv/core/Mat.html#dims()), [dot](http://docs.google.com/org/opencv/core/Mat.html#dot(org.opencv.core.Mat)), [dump](http://docs.google.com/org/opencv/core/Mat.html#dump()), [elemSize](http://docs.google.com/org/opencv/core/Mat.html#elemSize()), [elemSize1](http://docs.google.com/org/opencv/core/Mat.html#elemSize1()), [empty](http://docs.google.com/org/opencv/core/Mat.html#empty()), [eye](http://docs.google.com/org/opencv/core/Mat.html#eye(int,%20int,%20int)), [eye](http://docs.google.com/org/opencv/core/Mat.html#eye(org.opencv.core.Size,%20int)), [get](http://docs.google.com/org/opencv/core/Mat.html#get(int%5B%5D)), [get](http://docs.google.com/org/opencv/core/Mat.html#get(int%5B%5D,%20byte%5B%5D)), [get](http://docs.google.com/org/opencv/core/Mat.html#get(int%5B%5D,%20double%5B%5D)), [get](http://docs.google.com/org/opencv/core/Mat.html#get(int%5B%5D,%20float%5B%5D)), [get](http://docs.google.com/org/opencv/core/Mat.html#get(int%5B%5D,%20int%5B%5D)), [get](http://docs.google.com/org/opencv/core/Mat.html#get(int%5B%5D,%20short%5B%5D)), [get](http://docs.google.com/org/opencv/core/Mat.html#get(int,%20int)), [get](http://docs.google.com/org/opencv/core/Mat.html#get(int,%20int,%20byte%5B%5D)), [get](http://docs.google.com/org/opencv/core/Mat.html#get(int,%20int,%20double%5B%5D)), [get](http://docs.google.com/org/opencv/core/Mat.html#get(int,%20int,%20float%5B%5D)), [get](http://docs.google.com/org/opencv/core/Mat.html#get(int,%20int,%20int%5B%5D)), [get](http://docs.google.com/org/opencv/core/Mat.html#get(int,%20int,%20short%5B%5D)), [getNativeObjAddr](http://docs.google.com/org/opencv/core/Mat.html#getNativeObjAddr()), [height](http://docs.google.com/org/opencv/core/Mat.html#height()), [inv](http://docs.google.com/org/opencv/core/Mat.html#inv()), [inv](http://docs.google.com/org/opencv/core/Mat.html#inv(int)), [isContinuous](http://docs.google.com/org/opencv/core/Mat.html#isContinuous()), [isSubmatrix](http://docs.google.com/org/opencv/core/Mat.html#isSubmatrix()), [locateROI](http://docs.google.com/org/opencv/core/Mat.html#locateROI(org.opencv.core.Size,%20org.opencv.core.Point)), [mul](http://docs.google.com/org/opencv/core/Mat.html#mul(org.opencv.core.Mat)), [mul](http://docs.google.com/org/opencv/core/Mat.html#mul(org.opencv.core.Mat,%20double)), [ones](http://docs.google.com/org/opencv/core/Mat.html#ones(int%5B%5D,%20int)), 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[submat](http://docs.google.com/org/opencv/core/Mat.html#submat(org.opencv.core.Rect)), [t](http://docs.google.com/org/opencv/core/Mat.html#t()), [toString](http://docs.google.com/org/opencv/core/Mat.html#toString()), [total](http://docs.google.com/org/opencv/core/Mat.html#total()), [type](http://docs.google.com/org/opencv/core/Mat.html#type()), [width](http://docs.google.com/org/opencv/core/Mat.html#width()), [zeros](http://docs.google.com/org/opencv/core/Mat.html#zeros(int%5B%5D,%20int)), [zeros](http://docs.google.com/org/opencv/core/Mat.html#zeros(int,%20int,%20int)), [zeros](http://docs.google.com/org/opencv/core/Mat.html#zeros(org.opencv.core.Size,%20int))

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

### Constructor Detail

#### MatOfPoint3f public MatOfPoint3f()

#### MatOfPoint3f public MatOfPoint3f([Mat](http://docs.google.com/org/opencv/core/Mat.html) m)

#### MatOfPoint3f public MatOfPoint3f([Point3](http://docs.google.com/org/opencv/core/Point3.html)... a)

### Method Detail

#### alloc public void alloc(int elemNumber)

#### fromArray public void fromArray([Point3](http://docs.google.com/org/opencv/core/Point3.html)... a)

#### fromList public void fromList(java.util.List<[Point3](http://docs.google.com/org/opencv/core/Point3.html)> lp)

#### fromNativeAddr public static [MatOfPoint3f](http://docs.google.com/org/opencv/core/MatOfPoint3f.html) fromNativeAddr(long addr)

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

#### toList public java.util.List<[Point3](http://docs.google.com/org/opencv/core/Point3.html)> toList()

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