JavaScript is disabled on your browser.

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
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* [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/photo/CalibrateRobertson.html)
* [Next Class](http://docs.google.com/org/opencv/photo/MergeExposures.html)
* [Frames](http://docs.google.com/index.html?org/opencv/photo/MergeDebevec.html)
* [No Frames](http://docs.google.com/MergeDebevec.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
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org.opencv.photo

## Class MergeDebevec

* java.lang.Object
  + [org.opencv.core.Algorithm](http://docs.google.com/org/opencv/core/Algorithm.html)
    - [org.opencv.photo.MergeExposures](http://docs.google.com/org/opencv/photo/MergeExposures.html)
      * org.opencv.photo.MergeDebevec
* public class MergeDebevec  
  extends [MergeExposures](http://docs.google.com/org/opencv/photo/MergeExposures.html)  
  The resulting HDR image is calculated as weighted average of the exposures considering exposure values and camera response. For more information see CITE: DM97 .

### Method SummaryMethods

| Modifier and Type | Method and Description |
| --- | --- |
| static [MergeDebevec](http://docs.google.com/org/opencv/photo/MergeDebevec.html) | [**\_\_fromPtr\_\_**](http://docs.google.com/org/opencv/photo/MergeDebevec.html#__fromPtr__(long))(long addr) |
| void | [**process**](http://docs.google.com/org/opencv/photo/MergeDebevec.html#process(java.util.List,%20org.opencv.core.Mat,%20org.opencv.core.Mat))(java.util.List<[Mat](http://docs.google.com/org/opencv/core/Mat.html)> src, [Mat](http://docs.google.com/org/opencv/core/Mat.html) dst, [Mat](http://docs.google.com/org/opencv/core/Mat.html) times) |
| void | [**process**](http://docs.google.com/org/opencv/photo/MergeDebevec.html#process(java.util.List,%20org.opencv.core.Mat,%20org.opencv.core.Mat,%20org.opencv.core.Mat))(java.util.List<[Mat](http://docs.google.com/org/opencv/core/Mat.html)> src, [Mat](http://docs.google.com/org/opencv/core/Mat.html) dst, [Mat](http://docs.google.com/org/opencv/core/Mat.html) times, [Mat](http://docs.google.com/org/opencv/core/Mat.html) response) Merges images. |

### 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()), [empty](http://docs.google.com/org/opencv/core/Algorithm.html#empty()), [getDefaultName](http://docs.google.com/org/opencv/core/Algorithm.html#getDefaultName()), [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 [MergeDebevec](http://docs.google.com/org/opencv/photo/MergeDebevec.html) \_\_fromPtr\_\_(long addr)

#### process public void process(java.util.List<[Mat](http://docs.google.com/org/opencv/core/Mat.html)> src, [Mat](http://docs.google.com/org/opencv/core/Mat.html) dst, [Mat](http://docs.google.com/org/opencv/core/Mat.html) times)

#### process public void process(java.util.List<[Mat](http://docs.google.com/org/opencv/core/Mat.html)> src, [Mat](http://docs.google.com/org/opencv/core/Mat.html) dst, [Mat](http://docs.google.com/org/opencv/core/Mat.html) times, [Mat](http://docs.google.com/org/opencv/core/Mat.html) response) **Description copied from class:**[**MergeExposures**](http://docs.google.com/org/opencv/photo/MergeExposures.html#process(java.util.List,%20org.opencv.core.Mat,%20org.opencv.core.Mat,%20org.opencv.core.Mat)) Merges images.**Overrides:** [process](http://docs.google.com/org/opencv/photo/MergeExposures.html#process(java.util.List,%20org.opencv.core.Mat,%20org.opencv.core.Mat,%20org.opencv.core.Mat)) in class [MergeExposures](http://docs.google.com/org/opencv/photo/MergeExposures.html) Parameters:src - vector of input imagesdst - result imagetimes - vector of exposure time values for each imageresponse - 256x1 matrix with inverse camera response function for each pixel value, it should have the same number of channels as images.

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