JavaScript is disabled on your browser.

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Package org.opencv.photo

* Class Summary

| Class | Description |
| --- | --- |
| [AlignExposures](http://docs.google.com/org/opencv/photo/AlignExposures.html) | The base class for algorithms that align images of the same scene with different exposures |
| [AlignMTB](http://docs.google.com/org/opencv/photo/AlignMTB.html) | This algorithm converts images to median threshold bitmaps (1 for pixels brighter than median luminance and 0 otherwise) and than aligns the resulting bitmaps using bit operations. |
| [CalibrateCRF](http://docs.google.com/org/opencv/photo/CalibrateCRF.html) | The base class for camera response calibration algorithms. |
| [CalibrateDebevec](http://docs.google.com/org/opencv/photo/CalibrateDebevec.html) | Inverse camera response function is extracted for each brightness value by minimizing an objective function as linear system. |
| [CalibrateRobertson](http://docs.google.com/org/opencv/photo/CalibrateRobertson.html) | Inverse camera response function is extracted for each brightness value by minimizing an objective function as linear system. |
| [MergeDebevec](http://docs.google.com/org/opencv/photo/MergeDebevec.html) | The resulting HDR image is calculated as weighted average of the exposures considering exposure values and camera response. |
| [MergeExposures](http://docs.google.com/org/opencv/photo/MergeExposures.html) | The base class algorithms that can merge exposure sequence to a single image. |
| [MergeMertens](http://docs.google.com/org/opencv/photo/MergeMertens.html) | Pixels are weighted using contrast, saturation and well-exposedness measures, than images are combined using laplacian pyramids. |
| [MergeRobertson](http://docs.google.com/org/opencv/photo/MergeRobertson.html) | The resulting HDR image is calculated as weighted average of the exposures considering exposure values and camera response. |
| [Photo](http://docs.google.com/org/opencv/photo/Photo.html) |  |
| [Tonemap](http://docs.google.com/org/opencv/photo/Tonemap.html) | Base class for tonemapping algorithms - tools that are used to map HDR image to 8-bit range. |
| [TonemapDrago](http://docs.google.com/org/opencv/photo/TonemapDrago.html) | Adaptive logarithmic mapping is a fast global tonemapping algorithm that scales the image in logarithmic domain. |
| [TonemapMantiuk](http://docs.google.com/org/opencv/photo/TonemapMantiuk.html) | This algorithm transforms image to contrast using gradients on all levels of gaussian pyramid, transforms contrast values to HVS response and scales the response. |
| [TonemapReinhard](http://docs.google.com/org/opencv/photo/TonemapReinhard.html) | This is a global tonemapping operator that models human visual system. |

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