JavaScript is disabled on your browser.

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Package org.opencv.features2d

* Class Summary

| Class | Description |
| --- | --- |
| [AffineFeature](http://docs.google.com/org/opencv/features2d/AffineFeature.html) | Class for implementing the wrapper which makes detectors and extractors to be affine invariant, described as ASIFT in CITE: YM11 . |
| [AgastFeatureDetector](http://docs.google.com/org/opencv/features2d/AgastFeatureDetector.html) | Wrapping class for feature detection using the AGAST method. |
| [AKAZE](http://docs.google.com/org/opencv/features2d/AKAZE.html) | Class implementing the AKAZE keypoint detector and descriptor extractor, described in CITE: ANB13. |
| [BFMatcher](http://docs.google.com/org/opencv/features2d/BFMatcher.html) | Brute-force descriptor matcher. |
| [BOWImgDescriptorExtractor](http://docs.google.com/org/opencv/features2d/BOWImgDescriptorExtractor.html) | Class to compute an image descriptor using the \*bag of visual words\*. |
| [BOWKMeansTrainer](http://docs.google.com/org/opencv/features2d/BOWKMeansTrainer.html) | kmeans -based class to train visual vocabulary using the \*bag of visual words\* approach. |
| [BOWTrainer](http://docs.google.com/org/opencv/features2d/BOWTrainer.html) | Abstract base class for training the \*bag of visual words\* vocabulary from a set of descriptors. |
| [BRISK](http://docs.google.com/org/opencv/features2d/BRISK.html) | Class implementing the BRISK keypoint detector and descriptor extractor, described in CITE: LCS11 . |
| [DescriptorMatcher](http://docs.google.com/org/opencv/features2d/DescriptorMatcher.html) | Abstract base class for matching keypoint descriptors. |
| [FastFeatureDetector](http://docs.google.com/org/opencv/features2d/FastFeatureDetector.html) | Wrapping class for feature detection using the FAST method. |
| [Feature2D](http://docs.google.com/org/opencv/features2d/Feature2D.html) | Abstract base class for 2D image feature detectors and descriptor extractors |
| [Features2d](http://docs.google.com/org/opencv/features2d/Features2d.html) |  |
| [FlannBasedMatcher](http://docs.google.com/org/opencv/features2d/FlannBasedMatcher.html) | Flann-based descriptor matcher. |
| [GFTTDetector](http://docs.google.com/org/opencv/features2d/GFTTDetector.html) | Wrapping class for feature detection using the goodFeaturesToTrack function. |
| [KAZE](http://docs.google.com/org/opencv/features2d/KAZE.html) | Class implementing the KAZE keypoint detector and descriptor extractor, described in CITE: ABD12 . |
| [MSER](http://docs.google.com/org/opencv/features2d/MSER.html) | Maximally stable extremal region extractor The class encapsulates all the parameters of the %MSER extraction algorithm (see [wiki article](http://en.wikipedia.org/wiki/Maximally\_stable\_extremal\_regions)). |
| [ORB](http://docs.google.com/org/opencv/features2d/ORB.html) | Class implementing the ORB (\*oriented BRIEF\*) keypoint detector and descriptor extractor described in CITE: RRKB11 . |
| [Params](http://docs.google.com/org/opencv/features2d/Params.html) |  |
| [SIFT](http://docs.google.com/org/opencv/features2d/SIFT.html) | Class for extracting keypoints and computing descriptors using the Scale Invariant Feature Transform (SIFT) algorithm by D. |
| [SimpleBlobDetector](http://docs.google.com/org/opencv/features2d/SimpleBlobDetector.html) | Class for extracting blobs from an image. |

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