

Keypoints-based Face Recognition

1) Select Algorithms->Face Recognition->Keypoints-based Face Recognition.

2) Specify algorithm settings. To do this, you need to define the settings of the keypoints detectors and the maximum distance between neighbors.

a) Keypoints Detector Settings.

Select method of keypoints detection. Available two methods: BRISK and ORB.

Specify settings of keypoints detection method.

Note: You must do this before loading sources because this process also uses keypoints detector.

b) Max Neighbours Distance.

This parameter can be specify after loading of data sources.

3) Loading data sources.

To do this, press 'Add' button and select folder with data sources. The folder must have following contents:

```
<folder name>
  <folder of first person>
    <image file>
    <image file>
    ...
  <folder of second person>
    <image file>
    <image file>
    ...
  ...
```

Note: This process can take some time because the keypoints and descriptors are calculated for all images.

4) Select File->Open... and load test image.

5) Select test image in Image Manager.

6) Press 'Identify' button.

7) After identifying, the results will be shown in Log.