FacePreprocess

SparseExtract_2D **FacePreprocess** +SparseExtract_2D(width : long, height : long, src : char *) +srcImg : Mat +resultImg : Mat +~SparseExtract_2D() -landmarks : vector<Point2D> -SampleInRow(sampleRows : int) : void -SampleInCol(sampleCols: int): void -dstlandmarks : vector<Point2D> -face_mask : Mat +InitMatrix(sampleRows : int, sampleCols : int) -RecoverHighRowFre(Index : long) -model -RecoverByRowIterFst(selectDeltaRow : double) -face_cascade : CascadeClassifier -RecoverHighColFre(Index : long) +detect_face(): Rect -RecoverByColterFst(selectDeltaCol : double) +show_landmarks(): void -RecoverByRowMain() +align() : double -RecoverByColMain() +detectLandmarks(): vector<Point2D> +Recover_plan(sampleRows : int, sampleCols : int, selectDeltaCo... +detect_align(): void +execute_plan(sampleRows : int, sampleCols : int, HighFreNum :... +getSparseRepr(src : char *) : void +preprocess(): void +FacePreprocess(filename : char *) +~FacePreprocess() OpenCV::Mat Point2D