

| | Model |
|---|--|
| Controller | CsvHolder |
| -attribute : CsvHolder +GetImageWithIndex(index : int, ima +GetAllIndexesWithLabel(label : int) +GetHistogramOf(imgIndex : int) : N | +TrainingSetPath: conts string = "//assets/mnist_csv/mnist_trainingSet: NDArrayindexedTrainingSet: NDArrayiestSet: NDArrayindexedTestSet: NDArray |
| | +LoadTrainingSet(): void +LoadTestSet(): void -LoadSet(path: string) NDArray -IndexLabels(matrix: NDarray): NDArray +GetHistogramOf(ImgIndex: int): NDarray +GetImage(Index: int, ImgSize: int): BitMap +GenerateImage(alphas: NDArray, imgSize: int): BitMap +GetAllIndexesWithLabel(label: int): NDArray +ScaleImage(bmp: BitMap, maxWidth: int, maxHeight: int): BitMap |