

# KLASSENARCHITEKTUR

| ST+Evaluation   | ST & MT   | MULTI TASK                                 |
|---|---|--|
| <b>Development</b>  | <b>Perceptron</b>   | <b>TrainPerceptronScalable</b>             |
| .wVFromFile (FileName)<br>.singleTrain ()<br>.singleTest ()<br>.multiTest ()<br>.multiRandomTest () | .setWeights (WV)<br>.setLearningRate (double)<br>.trainSingle (Instances)<br>.trainMulti (Instances)<br>.test (Instances) | .createRandomShards ()<br>.runHadoopJob () |
| <b>Evaluation</b>   | <b>CreateInstances</b>  | <b>FeatureSelector</b>                     |
| siehe Testmethoden oben   | .fromFile (FileName)<br>.fromString (String)  | .getTopKFeatures (k)                       |
| <b>WriteReview</b>  | <b>Instance</b>   |  |
| .reviewToHashMap (Str)<br>.evaluateReview (String)  | .getFeatureVector ()<br>.getLabel ()  |  |