package com.twitter.search.common.relevance.features;

import java.util.Set;

import com.google.common.collect.Sets;

public class TweetTextQuality {

public static enum BooleanQualityType {

OFFENSIVE, // tweet text is offensive

OFFENSIVE\_USER, // user name is offensive

HASHTAG\_NAME\_MATCH, // hashtag matches username

SENSITIVE, // tweet is marked as sensitive when it comes in

}

public static final double ENTROPY\_NOT\_SET = Double.MIN\_VALUE;

public static final byte UNSET\_TEXT\_SCORE = -128;

private double readability;

private double shout;

private double entropy = ENTROPY\_NOT\_SET;

private final Set<BooleanQualityType> boolQualities = Sets.newHashSet();

private byte textScore = UNSET\_TEXT\_SCORE;

public double getReadability() {

return readability;

}

public void setReadability(double readability) {

this.readability = readability;

}

public double getShout() {

return shout;

}

public void setShout(double shout) {

this.shout = shout;

}

public double getEntropy() {

return entropy;

}

public void setEntropy(double entropy) {

this.entropy = entropy;

}

public void addBoolQuality(BooleanQualityType type) {

boolQualities.add(type);

}

public boolean hasBoolQuality(BooleanQualityType type) {

return boolQualities.contains(type);

}

public Set<BooleanQualityType> getBoolQualities() {

return boolQualities;

}

public byte getTextScore() {

return textScore;

}

public void setTextScore(byte textScore) {

this.textScore = textScore;

}

}