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

import com.twitter.search.common.encoding.features.ByteNormalizer;

import com.twitter.search.common.encoding.features.SingleBytePositiveFloatNormalizer;

import com.twitter.search.common.encoding.features.SmartIntegerNormalizer;

/\*\*

\* Byte value normalizers used to push feature values into earlybird db.

\*/

public abstract class MutableFeatureNormalizers {

// The max value we support in SMART\_INTEGER\_NORMALIZER below, this should be enough for all kinds

// of engagements we see on Twitter, anything larger than this would be represented as the same

// value (255, if using a byte).

private static final int MAX\_COUNTER\_VALUE\_SUPPORTED = 50000000;

// Avoid using this normalizer for procesing any new data, always use SmartIntegerNormalizer

// below.

public static final SingleBytePositiveFloatNormalizer BYTE\_NORMALIZER =

new SingleBytePositiveFloatNormalizer();

public static final ByteNormalizer SMART\_INTEGER\_NORMALIZER =

new SmartIntegerNormalizer(MAX\_COUNTER\_VALUE\_SUPPORTED, 8);

}