/\* ----------------------------------------------------------------------------

\* This file was automatically generated by SWIG (http://www.swig.org).

\* Version 4.0.2

\*

\* Do not make changes to this file unless you know what you are doing--modify

\* the SWIG interface file instead.

\* ----------------------------------------------------------------------------- \*/

package com.twitter.ann.faiss;

public class NormalizationTransform extends VectorTransform {

private transient long swigCPtr;

protected NormalizationTransform(long cPtr, boolean cMemoryOwn) {

super(swigfaissJNI.NormalizationTransform\_SWIGUpcast(cPtr), cMemoryOwn);

swigCPtr = cPtr;

}

protected static long getCPtr(NormalizationTransform obj) {

return (obj == null) ? 0 : obj.swigCPtr;

}

@SuppressWarnings("deprecation")

protected void finalize() {

delete();

}

public synchronized void delete() {

if (swigCPtr != 0) {

if (swigCMemOwn) {

swigCMemOwn = false;

swigfaissJNI.delete\_NormalizationTransform(swigCPtr);

}

swigCPtr = 0;

}

super.delete();

}

public void setNorm(float value) {

swigfaissJNI.NormalizationTransform\_norm\_set(swigCPtr, this, value);

}

public float getNorm() {

return swigfaissJNI.NormalizationTransform\_norm\_get(swigCPtr, this);

}

public NormalizationTransform(int d, float norm) {

this(swigfaissJNI.new\_NormalizationTransform\_\_SWIG\_0(d, norm), true);

}

public NormalizationTransform(int d) {

this(swigfaissJNI.new\_NormalizationTransform\_\_SWIG\_1(d), true);

}

public NormalizationTransform() {

this(swigfaissJNI.new\_NormalizationTransform\_\_SWIG\_2(), true);

}

public void apply\_noalloc(long n, SWIGTYPE\_p\_float x, SWIGTYPE\_p\_float xt) {

swigfaissJNI.NormalizationTransform\_apply\_noalloc(swigCPtr, this, n, SWIGTYPE\_p\_float.getCPtr(x), SWIGTYPE\_p\_float.getCPtr(xt));

}

public void reverse\_transform(long n, SWIGTYPE\_p\_float xt, SWIGTYPE\_p\_float x) {

swigfaissJNI.NormalizationTransform\_reverse\_transform(swigCPtr, this, n, SWIGTYPE\_p\_float.getCPtr(xt), SWIGTYPE\_p\_float.getCPtr(x));

}

}