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

\* 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 RemapDimensionsTransform extends VectorTransform {

private transient long swigCPtr;

protected RemapDimensionsTransform(long cPtr, boolean cMemoryOwn) {

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

swigCPtr = cPtr;

}

protected static long getCPtr(RemapDimensionsTransform 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\_RemapDimensionsTransform(swigCPtr);

}

swigCPtr = 0;

}

super.delete();

}

public void setMap(IntVector value) {

swigfaissJNI.RemapDimensionsTransform\_map\_set(swigCPtr, this, IntVector.getCPtr(value), value);

}

public IntVector getMap() {

long cPtr = swigfaissJNI.RemapDimensionsTransform\_map\_get(swigCPtr, this);

return (cPtr == 0) ? null : new IntVector(cPtr, false);

}

public RemapDimensionsTransform(int d\_in, int d\_out, SWIGTYPE\_p\_int map) {

this(swigfaissJNI.new\_RemapDimensionsTransform\_\_SWIG\_0(d\_in, d\_out, SWIGTYPE\_p\_int.getCPtr(map)), true);

}

public RemapDimensionsTransform(int d\_in, int d\_out, boolean uniform) {

this(swigfaissJNI.new\_RemapDimensionsTransform\_\_SWIG\_1(d\_in, d\_out, uniform), true);

}

public RemapDimensionsTransform(int d\_in, int d\_out) {

this(swigfaissJNI.new\_RemapDimensionsTransform\_\_SWIG\_2(d\_in, d\_out), true);

}

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

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

}

public RemapDimensionsTransform() {

this(swigfaissJNI.new\_RemapDimensionsTransform\_\_SWIG\_3(), true);

}

}