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

\* 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 VectorTransform {

private transient long swigCPtr;

protected transient boolean swigCMemOwn;

protected VectorTransform(long cPtr, boolean cMemoryOwn) {

swigCMemOwn = cMemoryOwn;

swigCPtr = cPtr;

}

protected static long getCPtr(VectorTransform 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\_VectorTransform(swigCPtr);

}

swigCPtr = 0;

}

}

public void setD\_in(int value) {

swigfaissJNI.VectorTransform\_d\_in\_set(swigCPtr, this, value);

}

public int getD\_in() {

return swigfaissJNI.VectorTransform\_d\_in\_get(swigCPtr, this);

}

public void setD\_out(int value) {

swigfaissJNI.VectorTransform\_d\_out\_set(swigCPtr, this, value);

}

public int getD\_out() {

return swigfaissJNI.VectorTransform\_d\_out\_get(swigCPtr, this);

}

public void setIs\_trained(boolean value) {

swigfaissJNI.VectorTransform\_is\_trained\_set(swigCPtr, this, value);

}

public boolean getIs\_trained() {

return swigfaissJNI.VectorTransform\_is\_trained\_get(swigCPtr, this);

}

public void train(long n, SWIGTYPE\_p\_float x) {

swigfaissJNI.VectorTransform\_train(swigCPtr, this, n, SWIGTYPE\_p\_float.getCPtr(x));

}

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

long cPtr = swigfaissJNI.VectorTransform\_apply(swigCPtr, this, n, SWIGTYPE\_p\_float.getCPtr(x));

return (cPtr == 0) ? null : new SWIGTYPE\_p\_float(cPtr, false);

}

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

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

}

}