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

\* 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 RandomRotationMatrix extends LinearTransform {

private transient long swigCPtr;

protected RandomRotationMatrix(long cPtr, boolean cMemoryOwn) {

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

swigCPtr = cPtr;

}

protected static long getCPtr(RandomRotationMatrix 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\_RandomRotationMatrix(swigCPtr);

}

swigCPtr = 0;

}

super.delete();

}

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

this(swigfaissJNI.new\_RandomRotationMatrix\_\_SWIG\_0(d\_in, d\_out), true);

}

public void init(int seed) {

swigfaissJNI.RandomRotationMatrix\_init(swigCPtr, this, seed);

}

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

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

}

public RandomRotationMatrix() {

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

}

}