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

\* 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 ITQMatrix extends LinearTransform {

private transient long swigCPtr;

protected ITQMatrix(long cPtr, boolean cMemoryOwn) {

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

swigCPtr = cPtr;

}

protected static long getCPtr(ITQMatrix 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\_ITQMatrix(swigCPtr);

}

swigCPtr = 0;

}

super.delete();

}

public void setMax\_iter(int value) {

swigfaissJNI.ITQMatrix\_max\_iter\_set(swigCPtr, this, value);

}

public int getMax\_iter() {

return swigfaissJNI.ITQMatrix\_max\_iter\_get(swigCPtr, this);

}

public void setSeed(int value) {

swigfaissJNI.ITQMatrix\_seed\_set(swigCPtr, this, value);

}

public int getSeed() {

return swigfaissJNI.ITQMatrix\_seed\_get(swigCPtr, this);

}

public void setInit\_rotation(DoubleVector value) {

swigfaissJNI.ITQMatrix\_init\_rotation\_set(swigCPtr, this, DoubleVector.getCPtr(value), value);

}

public DoubleVector getInit\_rotation() {

long cPtr = swigfaissJNI.ITQMatrix\_init\_rotation\_get(swigCPtr, this);

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

}

public ITQMatrix(int d) {

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

}

public ITQMatrix() {

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

}

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

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

}

}