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

\* 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 AutoTuneCriterion {

private transient long swigCPtr;

protected transient boolean swigCMemOwn;

protected AutoTuneCriterion(long cPtr, boolean cMemoryOwn) {

swigCMemOwn = cMemoryOwn;

swigCPtr = cPtr;

}

protected static long getCPtr(AutoTuneCriterion 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\_AutoTuneCriterion(swigCPtr);

}

swigCPtr = 0;

}

}

public void setNq(long value) {

swigfaissJNI.AutoTuneCriterion\_nq\_set(swigCPtr, this, value);

}

public long getNq() {

return swigfaissJNI.AutoTuneCriterion\_nq\_get(swigCPtr, this);

}

public void setNnn(long value) {

swigfaissJNI.AutoTuneCriterion\_nnn\_set(swigCPtr, this, value);

}

public long getNnn() {

return swigfaissJNI.AutoTuneCriterion\_nnn\_get(swigCPtr, this);

}

public void setGt\_nnn(long value) {

swigfaissJNI.AutoTuneCriterion\_gt\_nnn\_set(swigCPtr, this, value);

}

public long getGt\_nnn() {

return swigfaissJNI.AutoTuneCriterion\_gt\_nnn\_get(swigCPtr, this);

}

public void setGt\_D(FloatVector value) {

swigfaissJNI.AutoTuneCriterion\_gt\_D\_set(swigCPtr, this, FloatVector.getCPtr(value), value);

}

public FloatVector getGt\_D() {

long cPtr = swigfaissJNI.AutoTuneCriterion\_gt\_D\_get(swigCPtr, this);

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

}

public void setGt\_I(SWIGTYPE\_p\_std\_\_vectorT\_int64\_t\_t value) {

swigfaissJNI.AutoTuneCriterion\_gt\_I\_set(swigCPtr, this, SWIGTYPE\_p\_std\_\_vectorT\_int64\_t\_t.getCPtr(value));

}

public SWIGTYPE\_p\_std\_\_vectorT\_int64\_t\_t getGt\_I() {

long cPtr = swigfaissJNI.AutoTuneCriterion\_gt\_I\_get(swigCPtr, this);

return (cPtr == 0) ? null : new SWIGTYPE\_p\_std\_\_vectorT\_int64\_t\_t(cPtr, false);

}

public void set\_groundtruth(int gt\_nnn, SWIGTYPE\_p\_float gt\_D\_in, LongVector gt\_I\_in) {

swigfaissJNI.AutoTuneCriterion\_set\_groundtruth(swigCPtr, this, gt\_nnn, SWIGTYPE\_p\_float.getCPtr(gt\_D\_in), SWIGTYPE\_p\_long\_long.getCPtr(gt\_I\_in.data()), gt\_I\_in);

}

public double evaluate(SWIGTYPE\_p\_float D, LongVector I) {

return swigfaissJNI.AutoTuneCriterion\_evaluate(swigCPtr, this, SWIGTYPE\_p\_float.getCPtr(D), SWIGTYPE\_p\_long\_long.getCPtr(I.data()), I);

}

}