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

\* 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 IntersectionCriterion extends AutoTuneCriterion {

private transient long swigCPtr;

protected IntersectionCriterion(long cPtr, boolean cMemoryOwn) {

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

swigCPtr = cPtr;

}

protected static long getCPtr(IntersectionCriterion 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\_IntersectionCriterion(swigCPtr);

}

swigCPtr = 0;

}

super.delete();

}

public void setR(long value) {

swigfaissJNI.IntersectionCriterion\_R\_set(swigCPtr, this, value);

}

public long getR() {

return swigfaissJNI.IntersectionCriterion\_R\_get(swigCPtr, this);

}

public IntersectionCriterion(long nq, long R) {

this(swigfaissJNI.new\_IntersectionCriterion(nq, R), true);

}

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

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

}

}