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

\* 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 IndexIVFStats {

private transient long swigCPtr;

protected transient boolean swigCMemOwn;

protected IndexIVFStats(long cPtr, boolean cMemoryOwn) {

swigCMemOwn = cMemoryOwn;

swigCPtr = cPtr;

}

protected static long getCPtr(IndexIVFStats 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\_IndexIVFStats(swigCPtr);

}

swigCPtr = 0;

}

}

public void setNq(long value) {

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

}

public long getNq() {

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

}

public void setNlist(long value) {

swigfaissJNI.IndexIVFStats\_nlist\_set(swigCPtr, this, value);

}

public long getNlist() {

return swigfaissJNI.IndexIVFStats\_nlist\_get(swigCPtr, this);

}

public void setNdis(long value) {

swigfaissJNI.IndexIVFStats\_ndis\_set(swigCPtr, this, value);

}

public long getNdis() {

return swigfaissJNI.IndexIVFStats\_ndis\_get(swigCPtr, this);

}

public void setNheap\_updates(long value) {

swigfaissJNI.IndexIVFStats\_nheap\_updates\_set(swigCPtr, this, value);

}

public long getNheap\_updates() {

return swigfaissJNI.IndexIVFStats\_nheap\_updates\_get(swigCPtr, this);

}

public void setQuantization\_time(double value) {

swigfaissJNI.IndexIVFStats\_quantization\_time\_set(swigCPtr, this, value);

}

public double getQuantization\_time() {

return swigfaissJNI.IndexIVFStats\_quantization\_time\_get(swigCPtr, this);

}

public void setSearch\_time(double value) {

swigfaissJNI.IndexIVFStats\_search\_time\_set(swigCPtr, this, value);

}

public double getSearch\_time() {

return swigfaissJNI.IndexIVFStats\_search\_time\_get(swigCPtr, this);

}

public IndexIVFStats() {

this(swigfaissJNI.new\_IndexIVFStats(), true);

}

public void reset() {

swigfaissJNI.IndexIVFStats\_reset(swigCPtr, this);

}

public void add(IndexIVFStats other) {

swigfaissJNI.IndexIVFStats\_add(swigCPtr, this, IndexIVFStats.getCPtr(other), other);

}

}