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

\* 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.

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package com.twitter.ann.faiss;

public class ArrayInvertedLists extends InvertedLists {

private transient long swigCPtr;

protected ArrayInvertedLists(long cPtr, boolean cMemoryOwn) {

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

swigCPtr = cPtr;

}

protected static long getCPtr(ArrayInvertedLists 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\_ArrayInvertedLists(swigCPtr);

}

swigCPtr = 0;

}

super.delete();

}

public void setCodes(ByteVectorVector value) {

swigfaissJNI.ArrayInvertedLists\_codes\_set(swigCPtr, this, ByteVectorVector.getCPtr(value), value);

}

public ByteVectorVector getCodes() {

long cPtr = swigfaissJNI.ArrayInvertedLists\_codes\_get(swigCPtr, this);

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

}

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

swigfaissJNI.ArrayInvertedLists\_ids\_set(swigCPtr, this, SWIGTYPE\_p\_std\_\_vectorT\_std\_\_vectorT\_int64\_t\_t\_t.getCPtr(value));

}

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

long cPtr = swigfaissJNI.ArrayInvertedLists\_ids\_get(swigCPtr, this);

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

}

public ArrayInvertedLists(long nlist, long code\_size) {

this(swigfaissJNI.new\_ArrayInvertedLists(nlist, code\_size), true);

}

public long list\_size(long list\_no) {

return swigfaissJNI.ArrayInvertedLists\_list\_size(swigCPtr, this, list\_no);

}

public SWIGTYPE\_p\_unsigned\_char get\_codes(long list\_no) {

long cPtr = swigfaissJNI.ArrayInvertedLists\_get\_codes(swigCPtr, this, list\_no);

return (cPtr == 0) ? null : new SWIGTYPE\_p\_unsigned\_char(cPtr, false);

}

public LongVector get\_ids(long list\_no) {

return new LongVector(swigfaissJNI.ArrayInvertedLists\_get\_ids(swigCPtr, this, list\_no), false);

}

public long add\_entries(long list\_no, long n\_entry, LongVector ids, SWIGTYPE\_p\_unsigned\_char code) {

return swigfaissJNI.ArrayInvertedLists\_add\_entries(swigCPtr, this, list\_no, n\_entry, SWIGTYPE\_p\_long\_long.getCPtr(ids.data()), ids, SWIGTYPE\_p\_unsigned\_char.getCPtr(code));

}

public void update\_entries(long list\_no, long offset, long n\_entry, LongVector ids, SWIGTYPE\_p\_unsigned\_char code) {

swigfaissJNI.ArrayInvertedLists\_update\_entries(swigCPtr, this, list\_no, offset, n\_entry, SWIGTYPE\_p\_long\_long.getCPtr(ids.data()), ids, SWIGTYPE\_p\_unsigned\_char.getCPtr(code));

}

public void resize(long list\_no, long new\_size) {

swigfaissJNI.ArrayInvertedLists\_resize(swigCPtr, this, list\_no, new\_size);

}

}