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

\* 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 HStackInvertedLists extends ReadOnlyInvertedLists {

private transient long swigCPtr;

protected HStackInvertedLists(long cPtr, boolean cMemoryOwn) {

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

swigCPtr = cPtr;

}

protected static long getCPtr(HStackInvertedLists 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\_HStackInvertedLists(swigCPtr);

}

swigCPtr = 0;

}

super.delete();

}

public void setIls(SWIGTYPE\_p\_std\_\_vectorT\_faiss\_\_InvertedLists\_const\_p\_t value) {

swigfaissJNI.HStackInvertedLists\_ils\_set(swigCPtr, this, SWIGTYPE\_p\_std\_\_vectorT\_faiss\_\_InvertedLists\_const\_p\_t.getCPtr(value));

}

public SWIGTYPE\_p\_std\_\_vectorT\_faiss\_\_InvertedLists\_const\_p\_t getIls() {

long cPtr = swigfaissJNI.HStackInvertedLists\_ils\_get(swigCPtr, this);

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

}

public HStackInvertedLists(int nil, SWIGTYPE\_p\_p\_faiss\_\_InvertedLists ils) {

this(swigfaissJNI.new\_HStackInvertedLists(nil, SWIGTYPE\_p\_p\_faiss\_\_InvertedLists.getCPtr(ils)), true);

}

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

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

}

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

long cPtr = swigfaissJNI.HStackInvertedLists\_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.HStackInvertedLists\_get\_ids(swigCPtr, this, list\_no), false);

}

public void prefetch\_lists(LongVector list\_nos, int nlist) {

swigfaissJNI.HStackInvertedLists\_prefetch\_lists(swigCPtr, this, SWIGTYPE\_p\_long\_long.getCPtr(list\_nos.data()), list\_nos, nlist);

}

public void release\_codes(long list\_no, SWIGTYPE\_p\_unsigned\_char codes) {

swigfaissJNI.HStackInvertedLists\_release\_codes(swigCPtr, this, list\_no, SWIGTYPE\_p\_unsigned\_char.getCPtr(codes));

}

public void release\_ids(long list\_no, LongVector ids) {

swigfaissJNI.HStackInvertedLists\_release\_ids(swigCPtr, this, list\_no, SWIGTYPE\_p\_long\_long.getCPtr(ids.data()), ids);

}

public long get\_single\_id(long list\_no, long offset) {

return swigfaissJNI.HStackInvertedLists\_get\_single\_id(swigCPtr, this, list\_no, offset);

}

public SWIGTYPE\_p\_unsigned\_char get\_single\_code(long list\_no, long offset) {

long cPtr = swigfaissJNI.HStackInvertedLists\_get\_single\_code(swigCPtr, this, list\_no, offset);

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

}

}