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

\* 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 SlidingIndexWindow {

private transient long swigCPtr;

protected transient boolean swigCMemOwn;

protected SlidingIndexWindow(long cPtr, boolean cMemoryOwn) {

swigCMemOwn = cMemoryOwn;

swigCPtr = cPtr;

}

protected static long getCPtr(SlidingIndexWindow 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\_SlidingIndexWindow(swigCPtr);

}

swigCPtr = 0;

}

}

public void setIndex(Index value) {

swigfaissJNI.SlidingIndexWindow\_index\_set(swigCPtr, this, Index.getCPtr(value), value);

}

public Index getIndex() {

long cPtr = swigfaissJNI.SlidingIndexWindow\_index\_get(swigCPtr, this);

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

}

public void setIls(ArrayInvertedLists value) {

swigfaissJNI.SlidingIndexWindow\_ils\_set(swigCPtr, this, ArrayInvertedLists.getCPtr(value), value);

}

public ArrayInvertedLists getIls() {

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

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

}

public void setN\_slice(int value) {

swigfaissJNI.SlidingIndexWindow\_n\_slice\_set(swigCPtr, this, value);

}

public int getN\_slice() {

return swigfaissJNI.SlidingIndexWindow\_n\_slice\_get(swigCPtr, this);

}

public void setNlist(long value) {

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

}

public long getNlist() {

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

}

public void setSizes(SWIGTYPE\_p\_std\_\_vectorT\_std\_\_vectorT\_unsigned\_long\_t\_t value) {

swigfaissJNI.SlidingIndexWindow\_sizes\_set(swigCPtr, this, SWIGTYPE\_p\_std\_\_vectorT\_std\_\_vectorT\_unsigned\_long\_t\_t.getCPtr(value));

}

public SWIGTYPE\_p\_std\_\_vectorT\_std\_\_vectorT\_unsigned\_long\_t\_t getSizes() {

long cPtr = swigfaissJNI.SlidingIndexWindow\_sizes\_get(swigCPtr, this);

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

}

public SlidingIndexWindow(Index index) {

this(swigfaissJNI.new\_SlidingIndexWindow(Index.getCPtr(index), index), true);

}

public void step(Index sub\_index, boolean remove\_oldest) {

swigfaissJNI.SlidingIndexWindow\_step(swigCPtr, this, Index.getCPtr(sub\_index), sub\_index, remove\_oldest);

}

}