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

\* 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 IndexFlat1D extends IndexFlatL2 {

private transient long swigCPtr;

protected IndexFlat1D(long cPtr, boolean cMemoryOwn) {

super(swigfaissJNI.IndexFlat1D\_SWIGUpcast(cPtr), cMemoryOwn);

swigCPtr = cPtr;

}

protected static long getCPtr(IndexFlat1D 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\_IndexFlat1D(swigCPtr);

}

swigCPtr = 0;

}

super.delete();

}

public void setContinuous\_update(boolean value) {

swigfaissJNI.IndexFlat1D\_continuous\_update\_set(swigCPtr, this, value);

}

public boolean getContinuous\_update() {

return swigfaissJNI.IndexFlat1D\_continuous\_update\_get(swigCPtr, this);

}

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

swigfaissJNI.IndexFlat1D\_perm\_set(swigCPtr, this, SWIGTYPE\_p\_std\_\_vectorT\_int64\_t\_t.getCPtr(value));

}

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

long cPtr = swigfaissJNI.IndexFlat1D\_perm\_get(swigCPtr, this);

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

}

public IndexFlat1D(boolean continuous\_update) {

this(swigfaissJNI.new\_IndexFlat1D\_\_SWIG\_0(continuous\_update), true);

}

public IndexFlat1D() {

this(swigfaissJNI.new\_IndexFlat1D\_\_SWIG\_1(), true);

}

public void update\_permutation() {

swigfaissJNI.IndexFlat1D\_update\_permutation(swigCPtr, this);

}

public void add(long n, SWIGTYPE\_p\_float x) {

swigfaissJNI.IndexFlat1D\_add(swigCPtr, this, n, SWIGTYPE\_p\_float.getCPtr(x));

}

public void reset() {

swigfaissJNI.IndexFlat1D\_reset(swigCPtr, this);

}

public void search(long n, SWIGTYPE\_p\_float x, long k, SWIGTYPE\_p\_float distances, LongVector labels) {

swigfaissJNI.IndexFlat1D\_search(swigCPtr, this, n, SWIGTYPE\_p\_float.getCPtr(x), k, SWIGTYPE\_p\_float.getCPtr(distances), SWIGTYPE\_p\_long\_long.getCPtr(labels.data()), labels);

}

}