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

\* 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 IndexFlatCodes extends Index {

private transient long swigCPtr;

protected IndexFlatCodes(long cPtr, boolean cMemoryOwn) {

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

swigCPtr = cPtr;

}

protected static long getCPtr(IndexFlatCodes 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\_IndexFlatCodes(swigCPtr);

}

swigCPtr = 0;

}

super.delete();

}

public void setCode\_size(long value) {

swigfaissJNI.IndexFlatCodes\_code\_size\_set(swigCPtr, this, value);

}

public long getCode\_size() {

return swigfaissJNI.IndexFlatCodes\_code\_size\_get(swigCPtr, this);

}

public void setCodes(ByteVector value) {

swigfaissJNI.IndexFlatCodes\_codes\_set(swigCPtr, this, ByteVector.getCPtr(value), value);

}

public ByteVector getCodes() {

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

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

}

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

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

}

public void reset() {

swigfaissJNI.IndexFlatCodes\_reset(swigCPtr, this);

}

public void reconstruct\_n(long i0, long ni, SWIGTYPE\_p\_float recons) {

swigfaissJNI.IndexFlatCodes\_reconstruct\_n(swigCPtr, this, i0, ni, SWIGTYPE\_p\_float.getCPtr(recons));

}

public void reconstruct(long key, SWIGTYPE\_p\_float recons) {

swigfaissJNI.IndexFlatCodes\_reconstruct(swigCPtr, this, key, SWIGTYPE\_p\_float.getCPtr(recons));

}

public long sa\_code\_size() {

return swigfaissJNI.IndexFlatCodes\_sa\_code\_size(swigCPtr, this);

}

public long remove\_ids(IDSelector sel) {

return swigfaissJNI.IndexFlatCodes\_remove\_ids(swigCPtr, this, IDSelector.getCPtr(sel), sel);

}

}