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

\* 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 PQEncoderGeneric {

private transient long swigCPtr;

protected transient boolean swigCMemOwn;

protected PQEncoderGeneric(long cPtr, boolean cMemoryOwn) {

swigCMemOwn = cMemoryOwn;

swigCPtr = cPtr;

}

protected static long getCPtr(PQEncoderGeneric 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\_PQEncoderGeneric(swigCPtr);

}

swigCPtr = 0;

}

}

public void setCode(SWIGTYPE\_p\_unsigned\_char value) {

swigfaissJNI.PQEncoderGeneric\_code\_set(swigCPtr, this, SWIGTYPE\_p\_unsigned\_char.getCPtr(value));

}

public SWIGTYPE\_p\_unsigned\_char getCode() {

long cPtr = swigfaissJNI.PQEncoderGeneric\_code\_get(swigCPtr, this);

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

}

public void setOffset(short value) {

swigfaissJNI.PQEncoderGeneric\_offset\_set(swigCPtr, this, value);

}

public short getOffset() {

return swigfaissJNI.PQEncoderGeneric\_offset\_get(swigCPtr, this);

}

public int getNbits() {

return swigfaissJNI.PQEncoderGeneric\_nbits\_get(swigCPtr, this);

}

public void setReg(short value) {

swigfaissJNI.PQEncoderGeneric\_reg\_set(swigCPtr, this, value);

}

public short getReg() {

return swigfaissJNI.PQEncoderGeneric\_reg\_get(swigCPtr, this);

}

public PQEncoderGeneric(SWIGTYPE\_p\_unsigned\_char code, int nbits, short offset) {

this(swigfaissJNI.new\_PQEncoderGeneric\_\_SWIG\_0(SWIGTYPE\_p\_unsigned\_char.getCPtr(code), nbits, offset), true);

}

public PQEncoderGeneric(SWIGTYPE\_p\_unsigned\_char code, int nbits) {

this(swigfaissJNI.new\_PQEncoderGeneric\_\_SWIG\_1(SWIGTYPE\_p\_unsigned\_char.getCPtr(code), nbits), true);

}

public void encode(long x) {

swigfaissJNI.PQEncoderGeneric\_encode(swigCPtr, this, x);

}

}