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

\* 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.

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package com.twitter.ann.faiss;

public class PQDecoderGeneric {

private transient long swigCPtr;

protected transient boolean swigCMemOwn;

protected PQDecoderGeneric(long cPtr, boolean cMemoryOwn) {

swigCMemOwn = cMemoryOwn;

swigCPtr = cPtr;

}

protected static long getCPtr(PQDecoderGeneric 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\_PQDecoderGeneric(swigCPtr);

}

swigCPtr = 0;

}

}

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

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

}

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

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

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

}

public void setOffset(short value) {

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

}

public short getOffset() {

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

}

public int getNbits() {

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

}

public long getMask() {

return swigfaissJNI.PQDecoderGeneric\_mask\_get(swigCPtr, this);

}

public void setReg(short value) {

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

}

public short getReg() {

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

}

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

this(swigfaissJNI.new\_PQDecoderGeneric(SWIGTYPE\_p\_unsigned\_char.getCPtr(code), nbits), true);

}

public long decode() {

return swigfaissJNI.PQDecoderGeneric\_decode(swigCPtr, this);

}

}