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

\* 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 RangeSearchResult {

private transient long swigCPtr;

protected transient boolean swigCMemOwn;

protected RangeSearchResult(long cPtr, boolean cMemoryOwn) {

swigCMemOwn = cMemoryOwn;

swigCPtr = cPtr;

}

protected static long getCPtr(RangeSearchResult 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\_RangeSearchResult(swigCPtr);

}

swigCPtr = 0;

}

}

public void setNq(long value) {

swigfaissJNI.RangeSearchResult\_nq\_set(swigCPtr, this, value);

}

public long getNq() {

return swigfaissJNI.RangeSearchResult\_nq\_get(swigCPtr, this);

}

public void setLims(SWIGTYPE\_p\_unsigned\_long value) {

swigfaissJNI.RangeSearchResult\_lims\_set(swigCPtr, this, SWIGTYPE\_p\_unsigned\_long.getCPtr(value));

}

public SWIGTYPE\_p\_unsigned\_long getLims() {

long cPtr = swigfaissJNI.RangeSearchResult\_lims\_get(swigCPtr, this);

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

}

public void setLabels(LongVector value) {

swigfaissJNI.RangeSearchResult\_labels\_set(swigCPtr, this, SWIGTYPE\_p\_long\_long.getCPtr(value.data()), value);

}

public LongVector getLabels() {

return new LongVector(swigfaissJNI.RangeSearchResult\_labels\_get(swigCPtr, this), false);

}

public void setDistances(SWIGTYPE\_p\_float value) {

swigfaissJNI.RangeSearchResult\_distances\_set(swigCPtr, this, SWIGTYPE\_p\_float.getCPtr(value));

}

public SWIGTYPE\_p\_float getDistances() {

long cPtr = swigfaissJNI.RangeSearchResult\_distances\_get(swigCPtr, this);

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

}

public void setBuffer\_size(long value) {

swigfaissJNI.RangeSearchResult\_buffer\_size\_set(swigCPtr, this, value);

}

public long getBuffer\_size() {

return swigfaissJNI.RangeSearchResult\_buffer\_size\_get(swigCPtr, this);

}

public void do\_allocation() {

swigfaissJNI.RangeSearchResult\_do\_allocation(swigCPtr, this);

}

}