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

\* 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 ClusteringParameters {

private transient long swigCPtr;

protected transient boolean swigCMemOwn;

protected ClusteringParameters(long cPtr, boolean cMemoryOwn) {

swigCMemOwn = cMemoryOwn;

swigCPtr = cPtr;

}

protected static long getCPtr(ClusteringParameters 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\_ClusteringParameters(swigCPtr);

}

swigCPtr = 0;

}

}

public void setNiter(int value) {

swigfaissJNI.ClusteringParameters\_niter\_set(swigCPtr, this, value);

}

public int getNiter() {

return swigfaissJNI.ClusteringParameters\_niter\_get(swigCPtr, this);

}

public void setNredo(int value) {

swigfaissJNI.ClusteringParameters\_nredo\_set(swigCPtr, this, value);

}

public int getNredo() {

return swigfaissJNI.ClusteringParameters\_nredo\_get(swigCPtr, this);

}

public void setVerbose(boolean value) {

swigfaissJNI.ClusteringParameters\_verbose\_set(swigCPtr, this, value);

}

public boolean getVerbose() {

return swigfaissJNI.ClusteringParameters\_verbose\_get(swigCPtr, this);

}

public void setSpherical(boolean value) {

swigfaissJNI.ClusteringParameters\_spherical\_set(swigCPtr, this, value);

}

public boolean getSpherical() {

return swigfaissJNI.ClusteringParameters\_spherical\_get(swigCPtr, this);

}

public void setInt\_centroids(boolean value) {

swigfaissJNI.ClusteringParameters\_int\_centroids\_set(swigCPtr, this, value);

}

public boolean getInt\_centroids() {

return swigfaissJNI.ClusteringParameters\_int\_centroids\_get(swigCPtr, this);

}

public void setUpdate\_index(boolean value) {

swigfaissJNI.ClusteringParameters\_update\_index\_set(swigCPtr, this, value);

}

public boolean getUpdate\_index() {

return swigfaissJNI.ClusteringParameters\_update\_index\_get(swigCPtr, this);

}

public void setFrozen\_centroids(boolean value) {

swigfaissJNI.ClusteringParameters\_frozen\_centroids\_set(swigCPtr, this, value);

}

public boolean getFrozen\_centroids() {

return swigfaissJNI.ClusteringParameters\_frozen\_centroids\_get(swigCPtr, this);

}

public void setMin\_points\_per\_centroid(int value) {

swigfaissJNI.ClusteringParameters\_min\_points\_per\_centroid\_set(swigCPtr, this, value);

}

public int getMin\_points\_per\_centroid() {

return swigfaissJNI.ClusteringParameters\_min\_points\_per\_centroid\_get(swigCPtr, this);

}

public void setMax\_points\_per\_centroid(int value) {

swigfaissJNI.ClusteringParameters\_max\_points\_per\_centroid\_set(swigCPtr, this, value);

}

public int getMax\_points\_per\_centroid() {

return swigfaissJNI.ClusteringParameters\_max\_points\_per\_centroid\_get(swigCPtr, this);

}

public void setSeed(int value) {

swigfaissJNI.ClusteringParameters\_seed\_set(swigCPtr, this, value);

}

public int getSeed() {

return swigfaissJNI.ClusteringParameters\_seed\_get(swigCPtr, this);

}

public void setDecode\_block\_size(long value) {

swigfaissJNI.ClusteringParameters\_decode\_block\_size\_set(swigCPtr, this, value);

}

public long getDecode\_block\_size() {

return swigfaissJNI.ClusteringParameters\_decode\_block\_size\_get(swigCPtr, this);

}

public ClusteringParameters() {

this(swigfaissJNI.new\_ClusteringParameters(), true);

}

}