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

\* 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 FloatVector {

private transient long swigCPtr;

protected transient boolean swigCMemOwn;

protected FloatVector(long cPtr, boolean cMemoryOwn) {

swigCMemOwn = cMemoryOwn;

swigCPtr = cPtr;

}

protected static long getCPtr(FloatVector 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\_FloatVector(swigCPtr);

}

swigCPtr = 0;

}

}

public FloatVector() {

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

}

public void push\_back(float arg0) {

swigfaissJNI.FloatVector\_push\_back(swigCPtr, this, arg0);

}

public void clear() {

swigfaissJNI.FloatVector\_clear(swigCPtr, this);

}

public SWIGTYPE\_p\_float data() {

long cPtr = swigfaissJNI.FloatVector\_data(swigCPtr, this);

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

}

public long size() {

return swigfaissJNI.FloatVector\_size(swigCPtr, this);

}

public float at(long n) {

return swigfaissJNI.FloatVector\_at(swigCPtr, this, n);

}

public void resize(long n) {

swigfaissJNI.FloatVector\_resize(swigCPtr, this, n);

}

public void reserve(long n) {

swigfaissJNI.FloatVector\_reserve(swigCPtr, this, n);

}

public void swap(FloatVector other) {

swigfaissJNI.FloatVector\_swap(swigCPtr, this, FloatVector.getCPtr(other), other);

}

}