package com.twitter.ann.hnsw;

import java.util.Objects;

import java.util.Optional;

class HnswMeta<T> {

private final int maxLevel;

private final Optional<T> entryPoint;

HnswMeta(int maxLevel, Optional<T> entryPoint) {

this.maxLevel = maxLevel;

this.entryPoint = entryPoint;

}

public int getMaxLevel() {

return maxLevel;

}

public Optional<T> getEntryPoint() {

return entryPoint;

}

@Override

public boolean equals(Object o) {

if (this == o) {

return true;

}

if (o == null || getClass() != o.getClass()) {

return false;

}

HnswMeta<?> hnswMeta = (HnswMeta<?>) o;

return maxLevel == hnswMeta.maxLevel

&& Objects.equals(entryPoint, hnswMeta.entryPoint);

}

@Override

public int hashCode() {

return Objects.hash(maxLevel, entryPoint);

}

@Override

public String toString() {

return "HnswMeta{maxLevel=" + maxLevel + ", entryPoint=" + entryPoint + '}';

}

}