package com.twitter.ann.hnsw;

import org.apache.commons.lang.builder.EqualsBuilder;

import org.apache.commons.lang.builder.HashCodeBuilder;

public class HnswNode<T> {

public final int level;

public final T item;

public HnswNode(int level, T item) {

this.level = level;

this.item = item;

}

/\*\*

\* Create a hnsw node.

\*/

public static <T> HnswNode<T> from(int level, T item) {

return new HnswNode<>(level, item);

}

@Override

public boolean equals(Object o) {

if (o == this) {

return true;

}

if (!(o instanceof HnswNode)) {

return false;

}

HnswNode<?> that = (HnswNode<?>) o;

return new EqualsBuilder()

.append(this.item, that.item)

.append(this.level, that.level)

.isEquals();

}

@Override

public int hashCode() {

return new HashCodeBuilder()

.append(item)

.append(level)

.toHashCode();

}

}