package com.twitter.search.earlybird.search;

import javax.annotation.Nullable;

import com.twitter.search.earlybird.thrift.ThriftSearchResultMetadata;

/\*\*

\* Class that abstracts a document that matches a query we're processing in Earlybird.

\*/

public class Hit implements Comparable<Hit> {

protected long timeSliceID;

protected long statusID;

private boolean hasExplanation;

@Nullable

protected ThriftSearchResultMetadata metadata;

public Hit(long timeSliceID, long statusID) {

this.timeSliceID = timeSliceID;

this.statusID = statusID;

this.metadata = null;

}

public long getTimeSliceID() {

return timeSliceID;

}

public long getStatusID() {

return statusID;

}

@Nullable

public ThriftSearchResultMetadata getMetadata() {

return metadata;

}

public void setMetadata(ThriftSearchResultMetadata metadata) {

this.metadata = metadata;

}

@Override

public int compareTo(Hit other) {

return -Long.compare(this.statusID, other.statusID);

}

@Override

public String toString() {

return "Hit[tweetID=" + statusID + ",timeSliceID=" + timeSliceID

+ ",score=" + (metadata == null ? "null" : metadata.getScore()) + "]";

}

public boolean isHasExplanation() {

return hasExplanation;

}

public void setHasExplanation(boolean hasExplanation) {

this.hasExplanation = hasExplanation;

}

}