package com.twitter.search.earlybird.search;

import java.util.Map;

import com.google.common.collect.Maps;

import com.twitter.search.earlybird.search.queries.SinceMaxIDFilter;

public class SearchResultsInfo {

public static final long NO\_ID = SinceMaxIDFilter.NO\_FILTER;

public static final int NO\_TIME = -1;

private int numHitsProcessed = 0;

private int numSearchedSegments = 0;

private boolean earlyTerminated = false;

private String earlyTerminationReason = null;

private long maxSearchedStatusID = NO\_ID;

private long minSearchedStatusID = NO\_ID;

private int maxSearchedTime = NO\_TIME;

private int minSearchedTime = NO\_TIME;

// Map from time thresholds (in milliseconds) to number of results more recent than this period.

protected final Map<Long, Integer> hitCounts = Maps.newHashMap();

public final int getNumHitsProcessed() {

return numHitsProcessed;

}

public final void setNumHitsProcessed(int numHitsProcessed) {

this.numHitsProcessed = numHitsProcessed;

}

public final int getNumSearchedSegments() {

return numSearchedSegments;

}

public final void setNumSearchedSegments(int numSearchedSegments) {

this.numSearchedSegments = numSearchedSegments;

}

public final long getMaxSearchedStatusID() {

return maxSearchedStatusID;

}

public final long getMinSearchedStatusID() {

return minSearchedStatusID;

}

public final int getMaxSearchedTime() {

return maxSearchedTime;

}

public final int getMinSearchedTime() {

return minSearchedTime;

}

public boolean isSetSearchedStatusIDs() {

return maxSearchedStatusID != NO\_ID && minSearchedStatusID != NO\_ID;

}

public boolean isSetSearchedTimes() {

return maxSearchedTime != NO\_TIME && minSearchedTime != NO\_TIME;

}

public void setMaxSearchedStatusID(long maxSearchedStatusID) {

this.maxSearchedStatusID = maxSearchedStatusID;

}

public void setMinSearchedStatusID(long minSearchedStatusID) {

this.minSearchedStatusID = minSearchedStatusID;

}

public void setMaxSearchedTime(int maxSearchedTime) {

this.maxSearchedTime = maxSearchedTime;

}

public void setMinSearchedTime(int minSearchedTime) {

this.minSearchedTime = minSearchedTime;

}

public void setEarlyTerminated(boolean earlyTerminated) {

this.earlyTerminated = earlyTerminated;

}

public boolean isEarlyTerminated() {

return earlyTerminated;

}

public String getEarlyTerminationReason() {

return earlyTerminationReason;

}

public void setEarlyTerminationReason(String earlyTerminationReason) {

this.earlyTerminationReason = earlyTerminationReason;

}

}