package com.twitter.search.common.util.earlybird;

import java.util.List;

import java.util.Set;

import com.google.common.collect.Lists;

import com.google.common.collect.Sets;

import com.twitter.search.common.query.thriftjava.EarlyTerminationInfo;

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

public final class ResponseMergerUtils {

// Utility class, disallow instantiation.

private ResponseMergerUtils() {

}

/\*\*

\* Merges early termination infos from several earlybird responses.

\*

\* @param responses earlybird responses to merge the early termination infos from

\* @return merged early termination info

\*/

public static EarlyTerminationInfo mergeEarlyTerminationInfo(List<EarlybirdResponse> responses) {

EarlyTerminationInfo etInfo = new EarlyTerminationInfo(false);

Set<String> etReasonSet = Sets.newHashSet();

// Fill in EarlyTerminationStatus

for (EarlybirdResponse ebResp : responses) {

if (ebResp.isSetEarlyTerminationInfo()

&& ebResp.getEarlyTerminationInfo().isEarlyTerminated()) {

etInfo.setEarlyTerminated(true);

if (ebResp.getEarlyTerminationInfo().isSetEarlyTerminationReason()) {

etReasonSet.add(ebResp.getEarlyTerminationInfo().getEarlyTerminationReason());

}

if (ebResp.getEarlyTerminationInfo().isSetMergedEarlyTerminationReasons()) {

etReasonSet.addAll(ebResp.getEarlyTerminationInfo().getMergedEarlyTerminationReasons());

}

}

}

if (etInfo.isEarlyTerminated()) {

etInfo.setMergedEarlyTerminationReasons(Lists.newArrayList(etReasonSet));

}

return etInfo;

}

}