package com.twitter.search.earlybird\_root.filters;

import com.twitter.search.common.clientstats.RequestCounters;

import com.twitter.search.common.clientstats.RequestCountersEventListener;

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

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

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

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

import static com.twitter.search.common.util.earlybird.EarlybirdResponseUtil

.responseConsideredFailed;

/\*\*

\* Checks EarlybirdResponse's response to update stats.

\*/

public final class EarlybirdSuccessfulResponseHandler

implements RequestCountersEventListener.SuccessfulResponseHandler<EarlybirdResponse> {

public static final EarlybirdSuccessfulResponseHandler INSTANCE =

new EarlybirdSuccessfulResponseHandler();

private EarlybirdSuccessfulResponseHandler() { }

@Override

public void handleSuccessfulResponse(

EarlybirdResponse response,

RequestCounters requestCounters) {

if (response == null) {

requestCounters.incrementRequestFailedCounter();

return;

}

if (response.getResponseCode() == EarlybirdResponseCode.CLIENT\_CANCEL\_ERROR) {

requestCounters.incrementRequestCancelCounter();

} else if (response.getResponseCode() == EarlybirdResponseCode.SERVER\_TIMEOUT\_ERROR) {

requestCounters.incrementRequestTimedOutCounter();

} else if (responseConsideredFailed(response.getResponseCode())) {

requestCounters.incrementRequestFailedCounter();

}

ThriftSearchResults results = response.getSearchResults();

if (results != null) {

requestCounters.incrementResultCounter(results.getResultsSize());

}

ThriftTermStatisticsResults termStats = response.getTermStatisticsResults();

if (termStats != null) {

requestCounters.incrementResultCounter(termStats.getTermResultsSize());

}

}

}