package com.twitter.search.common.search.termination;

import com.twitter.common.util.Clock;

import com.twitter.search.common.search.TerminationTracker;

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

public class QueryTimeoutFactory {

/\*\*

\* Creates a QueryTimeout instance for a given EarlybirdRequest and TerminationTracker, if the

\* required conditions for leaf-level timeout checking are met. Returns null otherwise.

\*

\* The conditions are:

\* 1) CollectorTerminationParams.isEnforceQueryTimeout()

\* 2) CollectorTerminationParams.isSetTimeoutMs()

\*/

public QueryTimeout createQueryTimeout(

EarlybirdRequest request,

TerminationTracker tracker,

Clock clock) {

if (tracker != null

&& request != null

&& request.isSetSearchQuery()

&& request.getSearchQuery().isSetCollectorParams()

&& request.getSearchQuery().getCollectorParams().isSetTerminationParams()

&& request.getSearchQuery().getCollectorParams().getTerminationParams()

.isEnforceQueryTimeout()

&& request.getSearchQuery().getCollectorParams().getTerminationParams()

.isSetTimeoutMs()) {

return new QueryTimeoutImpl(request.getClientId(), tracker, clock);

} else {

return null;

}

}

}