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

import java.util.concurrent.TimeUnit;

import com.twitter.finagle.Filter;

import com.twitter.finagle.Service;

import com.twitter.search.common.metrics.SearchTimerStats;

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

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

import com.twitter.search.earlybird\_root.common.EarlybirdRequestContext;

import com.twitter.util.Future;

/\*\*

\* A filter for transforming a RequestContext to an EarlybirdRequest.

\*/

public class RequestContextToEarlybirdRequestFilter extends

Filter<EarlybirdRequestContext, EarlybirdResponse, EarlybirdRequest, EarlybirdResponse> {

private static final SearchTimerStats REQUEST\_CONTEXT\_TRIP\_TIME =

SearchTimerStats.export("request\_context\_trip\_time", TimeUnit.MILLISECONDS, false,

true);

@Override

public Future<EarlybirdResponse> apply(

EarlybirdRequestContext requestContext,

Service<EarlybirdRequest, EarlybirdResponse> service) {

long tripTime = System.currentTimeMillis() - requestContext.getCreatedTimeMillis();

REQUEST\_CONTEXT\_TRIP\_TIME.timerIncrement(tripTime);

return service.apply(requestContext.getRequest());

}

}