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

import javax.inject.Inject;

import com.twitter.common.util.Clock;

import com.twitter.finagle.Service;

import com.twitter.finagle.SimpleFilter;

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

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

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

import com.twitter.util.Future;

/\*\* A filter that sets the EarlybirdRequest.clientRequestTimeMs field if it's not already set. \*/

public class ClientRequestTimeFilter extends SimpleFilter<EarlybirdRequest, EarlybirdResponse> {

private static final SearchCounter CLIENT\_REQUEST\_TIME\_MS\_UNSET\_COUNTER =

SearchCounter.export("client\_request\_time\_ms\_unset");

private final Clock clock;

@Inject

public ClientRequestTimeFilter(Clock clock) {

this.clock = clock;

}

@Override

public Future<EarlybirdResponse> apply(EarlybirdRequest request,

Service<EarlybirdRequest, EarlybirdResponse> service) {

if (!request.isSetClientRequestTimeMs()) {

CLIENT\_REQUEST\_TIME\_MS\_UNSET\_COUNTER.increment();

request.setClientRequestTimeMs(clock.nowMillis());

}

return service.apply(request);

}

}