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

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

import com.twitter.search.common.caching.Cache;

import com.twitter.search.common.caching.TopTweetsCacheUtil;

import com.twitter.search.common.caching.filter.ServicePostProcessor;

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

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

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

import static com.google.common.base.Preconditions.checkNotNull;

public class TopTweetsServicePostProcessor

extends ServicePostProcessor<EarlybirdRequestContext, EarlybirdResponse> {

private static final Logger LOG = LoggerFactory.getLogger(TopTweetsServicePostProcessor.class);

public static final int CACHE\_AGE\_IN\_MS = 600000;

public static final int NO\_RESULT\_CACHE\_AGE\_IN\_MS = 300000;

private final Cache<EarlybirdRequest, EarlybirdResponse> cache;

public TopTweetsServicePostProcessor(Cache<EarlybirdRequest, EarlybirdResponse> cache) {

this.cache = checkNotNull(cache);

}

@Override

public void processServiceResponse(EarlybirdRequestContext requestContext,

EarlybirdResponse serviceResponse) {

EarlybirdRequest originalRequest = requestContext.getRequest();

LOG.debug("Writing to top tweets cache. Request: {}, Response: {}",

originalRequest, serviceResponse);

TopTweetsCacheUtil.cacheResults(originalRequest,

serviceResponse,

cache,

CACHE\_AGE\_IN\_MS,

NO\_RESULT\_CACHE\_AGE\_IN\_MS);

}

}