package com.twitter.search.earlybird\_root;

import com.twitter.finagle.Service;

import com.twitter.finagle.SimpleFilter;

import com.twitter.search.common.relevance.ranking.ActionChainManager;

import com.twitter.search.common.runtime.ActionChainDebugManager;

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

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

import com.twitter.util.Future;

import com.twitter.util.FutureEventListener;

/\*\*

\* Initialize request-scope state and clean them at the end.

\*/

public class InitializeFilter extends SimpleFilter<EarlybirdRequest, EarlybirdResponse> {

@Override

public Future<EarlybirdResponse> apply(EarlybirdRequest request,

Service<EarlybirdRequest, EarlybirdResponse> service) {

ActionChainDebugManager.update(new ActionChainManager(request.getDebugMode()), "EarlybirdRoot");

return service.apply(request).addEventListener(new FutureEventListener<EarlybirdResponse>() {

@Override

public void onSuccess(EarlybirdResponse response) {

cleanup();

}

@Override

public void onFailure(Throwable cause) {

cleanup();

}

});

}

private void cleanup() {

ActionChainDebugManager.clearLocals();

}

}