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

import javax.inject.Named;

import javax.inject.Singleton;

import com.google.inject.Provides;

import com.twitter.inject.TwitterModule;

import com.twitter.search.common.decider.SearchDecider;

import com.twitter.search.earlybird\_root.filters.EarlybirdTimeRangeFilter;

import com.twitter.search.earlybird\_root.filters.FullArchiveServingRangeProvider;

import com.twitter.search.earlybird\_root.filters.RealtimeServingRangeProvider;

import com.twitter.search.earlybird\_root.filters.ServingRangeProvider;

public class RelevanceRequestRouterModule extends TwitterModule {

public static final String FULL\_ARCHIVE\_TIME\_RANGE\_FILTER =

"relevance\_full\_archive\_time\_range\_filter";

public static final String REALTIME\_TIME\_RANGE\_FILTER =

"relevance\_realtime\_time\_range\_filter";

public static final String PROTECTED\_TIME\_RANGE\_FILTER =

"relevance\_protected\_time\_range\_filter";

public static final String REALTIME\_SERVING\_RANGE\_BOUNDARY\_HOURS\_AGO\_DECIDER\_KEY =

"superroot\_relevance\_realtime\_serving\_range\_boundary\_hours\_ago";

public static final String FULL\_ARCHIVE\_SERVING\_RANGE\_BOUNDARY\_HOURS\_AGO\_DECIDER\_KEY =

"superroot\_relevance\_full\_archive\_serving\_range\_boundary\_hours\_ago";

public static final String PROTECTED\_SERVING\_RANGE\_BOUNDARY\_HOURS\_AGO\_DECIDER\_KEY =

"superroot\_relevance\_protected\_serving\_range\_boundary\_hours\_ago";

private ServingRangeProvider getFullArchiveServingRangeProvider(final SearchDecider decider)

throws Exception {

return new FullArchiveServingRangeProvider(

decider, FULL\_ARCHIVE\_SERVING\_RANGE\_BOUNDARY\_HOURS\_AGO\_DECIDER\_KEY);

}

private ServingRangeProvider getRealtimeServingRangeProvider(final SearchDecider decider)

throws Exception {

return new RealtimeServingRangeProvider(

decider, REALTIME\_SERVING\_RANGE\_BOUNDARY\_HOURS\_AGO\_DECIDER\_KEY);

}

private ServingRangeProvider getProtectedServingRangeProvider(final SearchDecider decider)

throws Exception {

return new RealtimeServingRangeProvider(

decider, PROTECTED\_SERVING\_RANGE\_BOUNDARY\_HOURS\_AGO\_DECIDER\_KEY);

}

@Provides

@Singleton

@Named(FULL\_ARCHIVE\_TIME\_RANGE\_FILTER)

private EarlybirdTimeRangeFilter providesFullArchiveTimeRangeFilter(SearchDecider decider)

throws Exception {

return EarlybirdTimeRangeFilter.newTimeRangeFilterWithoutQueryRewriter(

getFullArchiveServingRangeProvider(decider));

}

@Provides

@Singleton

@Named(REALTIME\_TIME\_RANGE\_FILTER)

private EarlybirdTimeRangeFilter providesRealtimeTimeRangeFilter(SearchDecider decider)

throws Exception {

return EarlybirdTimeRangeFilter.newTimeRangeFilterWithoutQueryRewriter(

getRealtimeServingRangeProvider(decider));

}

@Provides

@Singleton

@Named(PROTECTED\_TIME\_RANGE\_FILTER)

private EarlybirdTimeRangeFilter providesProtectedTimeRangeFilter(SearchDecider decider)

throws Exception {

return EarlybirdTimeRangeFilter.newTimeRangeFilterWithoutQueryRewriter(

getProtectedServingRangeProvider(decider));

}

}