package com.twitter.home\_mixer.product.list\_recommended\_users

import com.twitter.home\_mixer.product.list\_recommended\_users.feature\_hydrator.RecentListMembersQueryFeatureHydrator

import com.twitter.home\_mixer.product.list\_recommended\_users.gate.ViewerIsListOwnerGate

import com.twitter.home\_mixer.product.list\_recommended\_users.model.ListRecommendedUsersFeatures.IsGizmoduckValidUserFeature

import com.twitter.home\_mixer.product.list\_recommended\_users.model.ListRecommendedUsersFeatures.IsSGSValidUserFeature

import com.twitter.home\_mixer.product.list\_recommended\_users.model.ListRecommendedUsersQuery

import com.twitter.home\_mixer.product.list\_recommended\_users.param.ListRecommendedUsersParam.ExcludedIdsMaxLengthParam

import com.twitter.home\_mixer.product.list\_recommended\_users.param.ListRecommendedUsersParam.ServerMaxResultsParam

import com.twitter.product\_mixer.component\_library.premarshaller.urt.UrtDomainMarshaller

import com.twitter.product\_mixer.component\_library.premarshaller.urt.builder.AddEntriesWithReplaceInstructionBuilder

import com.twitter.product\_mixer.component\_library.premarshaller.urt.builder.ReplaceAllEntries

import com.twitter.product\_mixer.component\_library.premarshaller.urt.builder.ReplaceEntryInstructionBuilder

import com.twitter.product\_mixer.component\_library.premarshaller.urt.builder.StaticTimelineScribeConfigBuilder

import com.twitter.product\_mixer.component\_library.premarshaller.urt.builder.UnorderedExcludeIdsBottomCursorBuilder

import com.twitter.product\_mixer.component\_library.premarshaller.urt.builder.UrtMetadataBuilder

import com.twitter.product\_mixer.component\_library.selector.DropFilteredCandidates

import com.twitter.product\_mixer.component\_library.selector.DropMaxCandidates

import com.twitter.product\_mixer.component\_library.selector.InsertAppendResults

import com.twitter.product\_mixer.core.functional\_component.feature\_hydrator.QueryFeatureHydrator

import com.twitter.product\_mixer.core.functional\_component.marshaller.TransportMarshaller

import com.twitter.product\_mixer.core.functional\_component.marshaller.response.urt.UrtTransportMarshaller

import com.twitter.product\_mixer.core.functional\_component.premarshaller.DomainMarshaller

import com.twitter.product\_mixer.core.functional\_component.selector.Selector

import com.twitter.product\_mixer.core.model.common.UniversalNoun

import com.twitter.product\_mixer.core.model.common.identifier.MixerPipelineIdentifier

import com.twitter.product\_mixer.core.model.marshalling.response.urt.Timeline

import com.twitter.product\_mixer.core.model.marshalling.response.urt.TimelineScribeConfig

import com.twitter.product\_mixer.core.model.marshalling.response.urt.item.user.UserItem

import com.twitter.product\_mixer.core.pipeline.candidate.CandidatePipelineConfig

import com.twitter.product\_mixer.core.pipeline.mixer.MixerPipelineConfig

import com.twitter.timelines.render.{thriftscala => urt}

import javax.inject.Inject

import javax.inject.Singleton

@Singleton

class ListRecommendedUsersMixerPipelineConfig @Inject() (

listMemberBasedUsersCandidatePipelineConfig: ListMemberBasedUsersCandidatePipelineConfig,

blenderUsersCandidatePipelineConfig: BlenderUsersCandidatePipelineConfig,

viewerIsListOwnerGate: ViewerIsListOwnerGate,

recentListMembersQueryFeatureHydrator: RecentListMembersQueryFeatureHydrator,

urtTransportMarshaller: UrtTransportMarshaller)

extends MixerPipelineConfig[ListRecommendedUsersQuery, Timeline, urt.TimelineResponse] {

override val identifier: MixerPipelineIdentifier = MixerPipelineIdentifier("ListRecommendedUsers")

override val gates = Seq(viewerIsListOwnerGate)

override val fetchQueryFeatures: Seq[QueryFeatureHydrator[ListRecommendedUsersQuery]] =

Seq(recentListMembersQueryFeatureHydrator)

override val candidatePipelines: Seq[

CandidatePipelineConfig[ListRecommendedUsersQuery, \_, \_, \_]

] = Seq(

listMemberBasedUsersCandidatePipelineConfig,

blenderUsersCandidatePipelineConfig

)

private val candidatePipelineIdentifiers = Set(

listMemberBasedUsersCandidatePipelineConfig.identifier,

blenderUsersCandidatePipelineConfig.identifier

)

override val resultSelectors: Seq[Selector[ListRecommendedUsersQuery]] = Seq(

DropFilteredCandidates(

candidatePipelines = candidatePipelineIdentifiers,

filter = candidate =>

candidate.features.getOrElse(IsSGSValidUserFeature, false) &&

candidate.features.getOrElse(IsGizmoduckValidUserFeature, false)

),

DropMaxCandidates(

candidatePipelines = candidatePipelineIdentifiers,

maxSelectionsParam = ServerMaxResultsParam),

InsertAppendResults(candidatePipelineIdentifiers)

)

override val domainMarshaller: DomainMarshaller[ListRecommendedUsersQuery, Timeline] = {

val instructionBuilders = Seq(

ReplaceEntryInstructionBuilder(ReplaceAllEntries),

AddEntriesWithReplaceInstructionBuilder()

)

val metadataBuilder = UrtMetadataBuilder(

title = None,

scribeConfigBuilder = Some(

StaticTimelineScribeConfigBuilder(

TimelineScribeConfig(

page = Some("list\_recommended\_users"),

section = None,

entityToken = None)))

)

val excludeIdsSelector: PartialFunction[UniversalNoun[\_], Long] = {

case item: UserItem => item.id

}

val cursorBuilder = UnorderedExcludeIdsBottomCursorBuilder(

excludedIdsMaxLengthParam = ExcludedIdsMaxLengthParam,

excludeIdsSelector = excludeIdsSelector)

UrtDomainMarshaller(

instructionBuilders = instructionBuilders,

metadataBuilder = Some(metadataBuilder),

cursorBuilders = Seq(cursorBuilder)

)

}

override val transportMarshaller: TransportMarshaller[Timeline, urt.TimelineResponse] =

urtTransportMarshaller

}