package com.twitter.product\_mixer.component\_library.premarshaller.urt

import com.twitter.product\_mixer.component\_library.model.candidate.ArticleCandidate

import com.twitter.product\_mixer.component\_library.model.candidate.AudioSpaceCandidate

import com.twitter.product\_mixer.component\_library.model.candidate.TopicCandidate

import com.twitter.product\_mixer.component\_library.model.candidate.TweetCandidate

import com.twitter.product\_mixer.component\_library.model.candidate.TwitterListCandidate

import com.twitter.product\_mixer.component\_library.model.candidate.UserCandidate

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

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

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

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

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

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

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

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

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

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

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

import com.twitter.product\_mixer.core.model.common.presentation.CandidateWithDetails

import com.twitter.product\_mixer.core.model.common.presentation.ItemCandidateWithDetails

import com.twitter.product\_mixer.core.model.common.presentation.ModuleCandidateWithDetails

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

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

import com.twitter.product\_mixer.core.model.marshalling.response.urt.item.article.ArticleItem

import com.twitter.product\_mixer.core.model.marshalling.response.urt.item.article.FollowingListSeed

import com.twitter.product\_mixer.core.model.marshalling.response.urt.item.audio\_space.AudioSpaceItem

import com.twitter.product\_mixer.core.model.marshalling.response.urt.item.topic.TopicItem

import com.twitter.product\_mixer.core.model.marshalling.response.urt.item.tweet.Tweet

import com.twitter.product\_mixer.core.model.marshalling.response.urt.item.tweet.TweetItem

import com.twitter.product\_mixer.core.model.marshalling.response.urt.item.twitter\_list.TwitterListItem

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

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

import com.twitter.product\_mixer.core.pipeline.PipelineQuery

/\*\*

\* Decorator that is useful for fast prototyping, as it will generate URT entries from only

\* candidate IDs (no ItemPresentations or ModulePresentations from candidate pipeline decorators

\* are required).

\*/

case class UndecoratedUrtDomainMarshaller[Query <: PipelineQuery](

override val instructionBuilders: Seq[UrtInstructionBuilder[Query, TimelineInstruction]] =

Seq(AddEntriesInstructionBuilder()),

override val cursorBuilders: Seq[UrtCursorBuilder[Query]] = Seq.empty,

override val cursorUpdaters: Seq[UrtCursorUpdater[Query]] = Seq.empty,

override val metadataBuilder: Option[BaseUrtMetadataBuilder[Query]] = None,

override val sortIndexStep: Int = 1,

override val identifier: DomainMarshallerIdentifier =

DomainMarshallerIdentifier("UndecoratedUnifiedRichTimeline"))

extends DomainMarshaller[Query, Timeline]

with UrtBuilder[Query, TimelineInstruction] {

override def apply(

query: Query,

selections: Seq[CandidateWithDetails]

): Timeline = {

val entries = selections.map {

case itemCandidateWithDetails @ ItemCandidateWithDetails(candidate, None, \_) =>

candidate match {

case candidate: ArticleCandidate =>

ArticleItem(

id = candidate.id,

articleSeedType = FollowingListSeed,

sortIndex = None,

clientEventInfo = None,

feedbackActionInfo = None,

displayType = None,

socialContext = None,

)

case candidate: AudioSpaceCandidate =>

AudioSpaceItem(

id = candidate.id,

sortIndex = None,

clientEventInfo = None,

feedbackActionInfo = None)

case candidate: TopicCandidate =>

TopicItem(

id = candidate.id,

sortIndex = None,

clientEventInfo = None,

feedbackActionInfo = None,

topicFunctionalityType = None,

topicDisplayType = None

)

case candidate: TweetCandidate =>

TweetItem(

id = candidate.id,

entryNamespace = TweetItem.TweetEntryNamespace,

sortIndex = None,

clientEventInfo = None,

feedbackActionInfo = None,

isPinned = None,

entryIdToReplace = None,

socialContext = None,

highlights = None,

displayType = Tweet,

innerTombstoneInfo = None,

timelinesScoreInfo = None,

hasModeratedReplies = None,

forwardPivot = None,

innerForwardPivot = None,

promotedMetadata = None,

conversationAnnotation = None,

contextualTweetRef = None,

prerollMetadata = None,

replyBadge = None,

destination = None

)

case candidate: TwitterListCandidate =>

TwitterListItem(

id = candidate.id,

sortIndex = None,

clientEventInfo = None,

feedbackActionInfo = None,

displayType = None

)

case candidate: UserCandidate =>

UserItem(

id = candidate.id,

sortIndex = None,

clientEventInfo = None,

feedbackActionInfo = None,

isMarkUnread = None,

displayType = User,

promotedMetadata = None,

socialContext = None,

reactiveTriggers = None,

enableReactiveBlending = None

)

case candidate =>

throw new UnsupportedCandidateDomainMarshallerException(

candidate,

itemCandidateWithDetails.source)

}

case itemCandidateWithDetails @ ItemCandidateWithDetails(candidate, Some(presentation), \_) =>

throw new UnsupportedPresentationDomainMarshallerException(

candidate,

presentation,

itemCandidateWithDetails.source)

case moduleCandidateWithDetails @ ModuleCandidateWithDetails(\_, presentation, \_) =>

throw new UnsupportedModuleDomainMarshallerException(

presentation,

moduleCandidateWithDetails.source)

}

buildTimeline(query, entries)

}

}