package com.twitter.home\_mixer.product.scored\_tweets.response\_transformer

import com.twitter.home\_mixer.marshaller.timelines.TopicContextFunctionalityTypeUnmarshaller

import com.twitter.home\_mixer.model.HomeFeatures.AncestorsFeature

import com.twitter.home\_mixer.model.HomeFeatures.AuthorIdFeature

import com.twitter.home\_mixer.model.HomeFeatures.AuthorIsBlueVerifiedFeature

import com.twitter.home\_mixer.model.HomeFeatures.AuthorIsCreatorFeature

import com.twitter.home\_mixer.model.HomeFeatures.AuthorIsGoldVerifiedFeature

import com.twitter.home\_mixer.model.HomeFeatures.AuthorIsGrayVerifiedFeature

import com.twitter.home\_mixer.model.HomeFeatures.AuthorIsLegacyVerifiedFeature

import com.twitter.home\_mixer.model.HomeFeatures.CachedCandidatePipelineIdentifierFeature

import com.twitter.home\_mixer.model.HomeFeatures.DirectedAtUserIdFeature

import com.twitter.home\_mixer.model.HomeFeatures.ExclusiveConversationAuthorIdFeature

import com.twitter.home\_mixer.model.HomeFeatures.InNetworkFeature

import com.twitter.home\_mixer.model.HomeFeatures.InReplyToTweetIdFeature

import com.twitter.home\_mixer.model.HomeFeatures.InReplyToUserIdFeature

import com.twitter.home\_mixer.model.HomeFeatures.IsReadFromCacheFeature

import com.twitter.home\_mixer.model.HomeFeatures.IsRetweetFeature

import com.twitter.home\_mixer.model.HomeFeatures.LastScoredTimestampMsFeature

import com.twitter.home\_mixer.model.HomeFeatures.PerspectiveFilteredLikedByUserIdsFeature

import com.twitter.home\_mixer.model.HomeFeatures.QuotedTweetIdFeature

import com.twitter.home\_mixer.model.HomeFeatures.QuotedUserIdFeature

import com.twitter.home\_mixer.model.HomeFeatures.SGSValidFollowedByUserIdsFeature

import com.twitter.home\_mixer.model.HomeFeatures.SGSValidLikedByUserIdsFeature

import com.twitter.home\_mixer.model.HomeFeatures.ScoreFeature

import com.twitter.home\_mixer.model.HomeFeatures.SourceTweetIdFeature

import com.twitter.home\_mixer.model.HomeFeatures.SourceUserIdFeature

import com.twitter.home\_mixer.model.HomeFeatures.StreamToKafkaFeature

import com.twitter.home\_mixer.model.HomeFeatures.SuggestTypeFeature

import com.twitter.home\_mixer.model.HomeFeatures.TopicContextFunctionalityTypeFeature

import com.twitter.home\_mixer.model.HomeFeatures.TopicIdSocialContextFeature

import com.twitter.home\_mixer.model.HomeFeatures.TweetUrlsFeature

import com.twitter.home\_mixer.model.HomeFeatures.WeightedModelScoreFeature

import com.twitter.home\_mixer.{thriftscala => hmt}

import com.twitter.product\_mixer.core.feature.Feature

import com.twitter.product\_mixer.core.feature.featuremap.FeatureMap

import com.twitter.product\_mixer.core.feature.featuremap.FeatureMapBuilder

import com.twitter.product\_mixer.core.functional\_component.transformer.CandidateFeatureTransformer

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

object CachedScoredTweetsResponseFeatureTransformer

extends CandidateFeatureTransformer[hmt.ScoredTweet] {

override val identifier: TransformerIdentifier =

TransformerIdentifier("CachedScoredTweetsResponse")

override val features: Set[Feature[\_, \_]] = Set(

AncestorsFeature,

AuthorIdFeature,

AuthorIsBlueVerifiedFeature,

AuthorIsCreatorFeature,

AuthorIsGoldVerifiedFeature,

AuthorIsGrayVerifiedFeature,

AuthorIsLegacyVerifiedFeature,

CachedCandidatePipelineIdentifierFeature,

DirectedAtUserIdFeature,

ExclusiveConversationAuthorIdFeature,

InNetworkFeature,

InReplyToTweetIdFeature,

InReplyToUserIdFeature,

IsReadFromCacheFeature,

IsRetweetFeature,

LastScoredTimestampMsFeature,

PerspectiveFilteredLikedByUserIdsFeature,

QuotedTweetIdFeature,

QuotedUserIdFeature,

SGSValidFollowedByUserIdsFeature,

SGSValidLikedByUserIdsFeature,

ScoreFeature,

SourceTweetIdFeature,

SourceUserIdFeature,

StreamToKafkaFeature,

SuggestTypeFeature,

TopicContextFunctionalityTypeFeature,

TopicIdSocialContextFeature,

TweetUrlsFeature,

WeightedModelScoreFeature

)

override def transform(candidate: hmt.ScoredTweet): FeatureMap =

FeatureMapBuilder()

.add(AncestorsFeature, candidate.ancestors.getOrElse(Seq.empty))

.add(AuthorIdFeature, Some(candidate.authorId))

.add(AuthorIsBlueVerifiedFeature, candidate.authorMetadata.exists(\_.blueVerified))

.add(AuthorIsGoldVerifiedFeature, candidate.authorMetadata.exists(\_.goldVerified))

.add(AuthorIsGrayVerifiedFeature, candidate.authorMetadata.exists(\_.grayVerified))

.add(AuthorIsLegacyVerifiedFeature, candidate.authorMetadata.exists(\_.legacyVerified))

.add(AuthorIsCreatorFeature, candidate.authorMetadata.exists(\_.creator))

.add(CachedCandidatePipelineIdentifierFeature, candidate.candidatePipelineIdentifier)

.add(DirectedAtUserIdFeature, candidate.directedAtUserId)

.add(ExclusiveConversationAuthorIdFeature, candidate.exclusiveConversationAuthorId)

.add(InNetworkFeature, candidate.inNetwork.getOrElse(true))

.add(InReplyToTweetIdFeature, candidate.inReplyToTweetId)

.add(InReplyToUserIdFeature, candidate.inReplyToUserId)

.add(IsReadFromCacheFeature, true)

.add(IsRetweetFeature, candidate.sourceTweetId.isDefined)

.add(LastScoredTimestampMsFeature, candidate.lastScoredTimestampMs)

.add(

PerspectiveFilteredLikedByUserIdsFeature,

candidate.perspectiveFilteredLikedByUserIds.getOrElse(Seq.empty))

.add(QuotedTweetIdFeature, candidate.quotedTweetId)

.add(QuotedUserIdFeature, candidate.quotedUserId)

.add(ScoreFeature, candidate.score)

.add(SGSValidLikedByUserIdsFeature, candidate.sgsValidLikedByUserIds.getOrElse(Seq.empty))

.add(

SGSValidFollowedByUserIdsFeature,

candidate.sgsValidFollowedByUserIds.getOrElse(Seq.empty))

.add(SourceTweetIdFeature, candidate.sourceTweetId)

.add(SourceUserIdFeature, candidate.sourceUserId)

.add(StreamToKafkaFeature, false)

.add(SuggestTypeFeature, candidate.suggestType)

.add(

TopicContextFunctionalityTypeFeature,

candidate.topicFunctionalityType.map(TopicContextFunctionalityTypeUnmarshaller(\_)))

.add(TopicIdSocialContextFeature, candidate.topicId)

.add(TweetUrlsFeature, candidate.tweetUrls.getOrElse(Seq.empty))

.add(WeightedModelScoreFeature, candidate.score)

.build()

}