package com.twitter.cr\_mixer.model

import com.twitter.core\_workflows.user\_model.thriftscala.UserState

import com.twitter.cr\_mixer.thriftscala.Product

import com.twitter.product\_mixer.core.thriftscala.ClientContext

import com.twitter.simclusters\_v2.common.TweetId

import com.twitter.simclusters\_v2.common.UserId

import com.twitter.simclusters\_v2.thriftscala.InternalId

import com.twitter.simclusters\_v2.thriftscala.TopicId

import com.twitter.timelines.configapi.Params

sealed trait CandidateGeneratorQuery {

val product: Product

val maxNumResults: Int

val impressedTweetList: Set[TweetId]

val params: Params

val requestUUID: Long

}

sealed trait HasUserId {

val userId: UserId

}

case class CrCandidateGeneratorQuery(

userId: UserId,

product: Product,

userState: UserState,

maxNumResults: Int,

impressedTweetList: Set[TweetId],

params: Params,

requestUUID: Long,

languageCode: Option[String] = None)

extends CandidateGeneratorQuery

with HasUserId

case class UtegTweetCandidateGeneratorQuery(

userId: UserId,

product: Product,

userState: UserState,

maxNumResults: Int,

impressedTweetList: Set[TweetId],

params: Params,

requestUUID: Long)

extends CandidateGeneratorQuery

with HasUserId

case class RelatedTweetCandidateGeneratorQuery(

internalId: InternalId,

clientContext: ClientContext, // To scribe LogIn/LogOut requests

product: Product,

maxNumResults: Int,

impressedTweetList: Set[TweetId],

params: Params,

requestUUID: Long)

extends CandidateGeneratorQuery

case class RelatedVideoTweetCandidateGeneratorQuery(

internalId: InternalId,

clientContext: ClientContext, // To scribe LogIn/LogOut requests

product: Product,

maxNumResults: Int,

impressedTweetList: Set[TweetId],

params: Params,

requestUUID: Long)

extends CandidateGeneratorQuery

case class FrsTweetCandidateGeneratorQuery(

userId: UserId,

product: Product,

maxNumResults: Int,

impressedUserList: Set[UserId],

impressedTweetList: Set[TweetId],

params: Params,

languageCodeOpt: Option[String] = None,

countryCodeOpt: Option[String] = None,

requestUUID: Long)

extends CandidateGeneratorQuery

case class AdsCandidateGeneratorQuery(

userId: UserId,

product: Product,

userState: UserState,

maxNumResults: Int,

params: Params,

requestUUID: Long)

case class TopicTweetCandidateGeneratorQuery(

userId: UserId,

topicIds: Set[TopicId],

product: Product,

maxNumResults: Int,

impressedTweetList: Set[TweetId],

params: Params,

requestUUID: Long,

isVideoOnly: Boolean)

extends CandidateGeneratorQuery