package com.twitter.timelineranker.common

import com.twitter.servo.util.FutureArrow

import com.twitter.timelineranker.model.RecapQuery

import com.twitter.timelines.clients.gizmoduck.GizmoduckClient

import com.twitter.timelines.clients.gizmoduck.UserProfileInfo

import com.twitter.timelines.util.FailOpenHandler

import com.twitter.util.Future

object UserProfileInfoTransform {

val EmptyUserProfileInfo: UserProfileInfo = UserProfileInfo(None, None, None, None)

val EmptyUserProfileInfoFuture: Future[UserProfileInfo] = Future.value(EmptyUserProfileInfo)

}

/\*\*

\* FutureArrow which fetches user profile info

\* It should be run in parallel with the main pipeline which fetches and hydrates CandidateTweets

\*/

class UserProfileInfoTransform(handler: FailOpenHandler, gizmoduckClient: GizmoduckClient)

extends FutureArrow[RecapQuery, UserProfileInfo] {

import UserProfileInfoTransform.\_

override def apply(request: RecapQuery): Future[UserProfileInfo] = {

handler {

gizmoduckClient.getProfileInfo(request.userId).map { profileInfoOpt =>

profileInfoOpt.getOrElse(EmptyUserProfileInfo)

}

} { \_: Throwable => EmptyUserProfileInfoFuture }

}

}