package com.twitter.follow\_recommendations.common.clients.adserver

import com.twitter.adserver.{thriftscala => t}

import com.twitter.follow\_recommendations.common.models.DisplayLocation

import com.twitter.product\_mixer.core.model.marshalling.request.ClientContext

case class AdRequest(

clientContext: ClientContext,

displayLocation: DisplayLocation,

isTest: Option[Boolean],

profileUserId: Option[Long]) {

def toThrift: t.AdRequestParams = {

val request = t.AdRequest(

displayLocation = displayLocation.toAdDisplayLocation.getOrElse(

throw new MissingAdDisplayLocation(displayLocation)),

isTest = isTest,

countImpressionsOnCallback = Some(true),

numOrganicItems = Some(AdRequest.DefaultNumOrganicItems.toShort),

profileUserId = profileUserId

)

val clientInfo = t.ClientInfo(

clientId = clientContext.appId.map(\_.toInt),

userIp = clientContext.ipAddress,

userId64 = clientContext.userId,

guestId = clientContext.guestId,

userAgent = clientContext.userAgent,

referrer = None,

deviceId = clientContext.deviceId,

languageCode = clientContext.languageCode,

countryCode = clientContext.countryCode

)

t.AdRequestParams(request, clientInfo)

}

}

object AdRequest {

val DefaultNumOrganicItems = 10

}

class MissingAdDisplayLocation(displayLocation: DisplayLocation)

extends Exception(

s"Display Location ${displayLocation.toString} has no mapped AdsDisplayLocation set.")