package com.twitter.home\_mixer.functional\_component.feature\_hydrator

import com.twitter.gizmoduck.{thriftscala => gt}

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

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

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

import com.twitter.home\_mixer.service.HomeMixerAlertConfig

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.feature\_hydrator.QueryFeatureHydrator

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

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

import com.twitter.stitch.Stitch

import com.twitter.stitch.gizmoduck.Gizmoduck

import javax.inject.Inject

import javax.inject.Singleton

@Singleton

case class GizmoduckUserQueryFeatureHydrator @Inject() (gizmoduck: Gizmoduck)

extends QueryFeatureHydrator[PipelineQuery] {

override val identifier: FeatureHydratorIdentifier = FeatureHydratorIdentifier("GizmoduckUser")

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

Set(UserFollowingCountFeature, UserTypeFeature, UserScreenNameFeature)

private val queryFields: Set[gt.QueryFields] =

Set(gt.QueryFields.Counts, gt.QueryFields.Safety, gt.QueryFields.Profile)

override def hydrate(query: PipelineQuery): Stitch[FeatureMap] = {

val userId = query.getRequiredUserId

gizmoduck

.getUserById(

userId = userId,

queryFields = queryFields,

context = gt.LookupContext(forUserId = Some(userId), includeSoftUsers = true))

.map { user =>

FeatureMapBuilder()

.add(UserFollowingCountFeature, user.counts.map(\_.following.toInt))

.add(UserTypeFeature, Some(user.userType))

.add(UserScreenNameFeature, user.profile.map(\_.screenName))

.build()

}

}

override val alerts = Seq(

HomeMixerAlertConfig.BusinessHours.defaultSuccessRateAlert(99.7)

)

}