package com.twitter.interaction\_graph.scio.agg\_direct\_interactions

import com.spotify.scio.ScioContext

import com.spotify.scio.values.SCollection

import com.twitter.beam.job.ServiceIdentifierOptions

import com.twitter.cde.scio.dal\_read.SourceUtil

import com.twitter.timelineservice.thriftscala.ContextualizedFavoriteEvent

import com.twitter.twadoop.user.gen.thriftscala.CombinedUser

import com.twitter.tweetsource.common.thriftscala.UnhydratedFlatTweet

import com.twitter.tweetypie.thriftscala.TweetMediaTagEvent

import com.twitter.usersource.snapshot.combined.UsersourceScalaDataset

import com.twitter.util.Duration

import org.joda.time.Interval

import twadoop\_config.configuration.log\_categories.group.timeline.TimelineServiceFavoritesScalaDataset

import twadoop\_config.configuration.log\_categories.group.tweetypie.TweetypieMediaTagEventsScalaDataset

import tweetsource.common.UnhydratedFlatScalaDataset

case class InteractionGraphAggDirectInteractionsSource(

pipelineOptions: InteractionGraphAggDirectInteractionsOption

)(

implicit sc: ScioContext) {

val dalEnvironment: String = pipelineOptions

.as(classOf[ServiceIdentifierOptions])

.getEnvironment()

def readFavorites(dateInterval: Interval): SCollection[ContextualizedFavoriteEvent] =

SourceUtil.readDALDataset[ContextualizedFavoriteEvent](

dataset = TimelineServiceFavoritesScalaDataset,

interval = dateInterval,

dalEnvironment = dalEnvironment

)

def readPhotoTags(dateInterval: Interval): SCollection[TweetMediaTagEvent] =

SourceUtil.readDALDataset[TweetMediaTagEvent](

dataset = TweetypieMediaTagEventsScalaDataset,

interval = dateInterval,

dalEnvironment = dalEnvironment)

def readTweetSource(dateInterval: Interval): SCollection[UnhydratedFlatTweet] =

SourceUtil.readDALDataset[UnhydratedFlatTweet](

dataset = UnhydratedFlatScalaDataset,

interval = dateInterval,

dalEnvironment = dalEnvironment)

def readCombinedUsers(): SCollection[CombinedUser] =

SourceUtil.readMostRecentSnapshotNoOlderThanDALDataset[CombinedUser](

dataset = UsersourceScalaDataset,

noOlderThan = Duration.fromDays(5),

dalEnvironment = dalEnvironment

)

}