package com.twitter.recos.user\_video\_graph.util

import com.twitter.graphjet.bipartite.MultiSegmentIterator

import com.twitter.graphjet.bipartite.api.BipartiteGraph

import com.twitter.graphjet.bipartite.segment.BipartiteGraphSegment

import scala.collection.mutable.ListBuffer

object FetchRHSTweetsUtil {

// get RHS tweets given LHS users

def fetchRHSTweets(

userIds: Seq[Long],

bipartiteGraph: BipartiteGraph

): Seq[Long] = {

userIds.distinct

.flatMap { userId =>

val tweetIdsIterator = bipartiteGraph

.getLeftNodeEdges(userId).asInstanceOf[MultiSegmentIterator[BipartiteGraphSegment]]

val tweetIds = new ListBuffer[Long]()

if (tweetIdsIterator != null) {

while (tweetIdsIterator.hasNext) {

val rightNode = tweetIdsIterator.nextLong()

tweetIds += rightNode

}

}

tweetIds.distinct

}

}

}