package com.twitter.timelineranker.util

import com.twitter.snowflake.id.SnowflakeId

import com.twitter.util.Duration

import com.twitter.util.Time

object SnowflakeUtils {

def mutateIdTime(id: Long, timeOp: Time => Time): Long = {

SnowflakeId.firstIdFor(timeOp(SnowflakeId(id).time))

}

def quantizeDown(id: Long, step: Duration): Long = {

mutateIdTime(id, \_.floor(step))

}

def quantizeUp(id: Long, step: Duration): Long = {

mutateIdTime(id, \_.ceil(step))

}

}