package com.twitter.tweetypie.federated

package columns

import com.twitter.finagle.stats.NullStatsReceiver

import com.twitter.tweetypie.StatsReceiver

import com.twitter.util.logging.Logger

object TrackingId {

private[this] val log = Logger(getClass)

def parse(s: String, statsReceiver: StatsReceiver = NullStatsReceiver): Option[Long] = {

val trackingStats = statsReceiver.scope("tracking\_id\_parser")

val parsedCountCounter = trackingStats.scope("parsed").counter("count")

val parseFailedCounter = trackingStats.scope("parse\_failed").counter("count")

Option(s).map(\_.trim).filter(\_.nonEmpty).flatMap { idStr =>

try {

val id = java.lang.Long.parseLong(idStr, 16)

parsedCountCounter.incr()

Some(id)

} catch {

case \_: NumberFormatException =>

parseFailedCounter.incr()

log.warn(s"invalid tracking ID: '$s'")

None

}

}

}

}