package com.twitter.follow\_recommendations.common.utils

import com.twitter.finagle.stats.StatsReceiver

import com.twitter.follow\_recommendations.common.base.StatsUtil

import com.twitter.stitch.Stitch

import com.twitter.util.Duration

import com.twitter.util.TimeoutException

object RescueWithStatsUtils {

def rescueWithStats[T](

s: Stitch[Seq[T]],

stats: StatsReceiver,

source: String

): Stitch[Seq[T]] = {

StatsUtil.profileStitchSeqResults(s, stats.scope(source)).rescue {

case \_: Exception => Stitch.Nil

}

}

def rescueOptionalWithStats[T](

s: Stitch[Option[T]],

stats: StatsReceiver,

source: String

): Stitch[Option[T]] = {

StatsUtil.profileStitchOptionalResults(s, stats.scope(source)).rescue {

case \_: Exception => Stitch.None

}

}

def rescueWithStatsWithin[T](

s: Stitch[Seq[T]],

stats: StatsReceiver,

source: String,

timeout: Duration

): Stitch[Seq[T]] = {

val hydratedScopeSource = stats.scope(source)

StatsUtil

.profileStitchSeqResults(

s.within(timeout)(com.twitter.finagle.util.DefaultTimer),

hydratedScopeSource)

.rescue {

case \_: TimeoutException =>

hydratedScopeSource.counter("timeout").incr()

Stitch.Nil

case \_: Exception =>

hydratedScopeSource.counter("exception").incr()

Stitch.Nil

}

}

}