package com.twitter.servo.util

import com.twitter.finagle.mux.stats.MuxCancelledCategorizer

import com.twitter.finagle.stats.CancelledCategorizer

import com.twitter.util.FutureCancelledException

import com.twitter.util.Throwables.RootCause

/\*\*

\* Helper that consolidates various ways (nested and top level) cancel exceptions can be detected.

\*/

object CancelledExceptionExtractor {

def unapply(e: Throwable): Option[Throwable] = {

e match {

case \_: FutureCancelledException => Some(e)

case MuxCancelledCategorizer(cause) => Some(cause)

case CancelledCategorizer(cause) => Some(cause)

case RootCause(CancelledExceptionExtractor(cause)) => Some(cause)

case \_ => None

}

}

}