package com.twitter.servo.util

import com.twitter.util.{Return, Throw, Try}

object TryOrdering {

/\*\*

\* Creates an Ordering of Try objects. Throws are ordered before Returns, and two Returns

\* are ordered according to the given value ordering.

\*/

def apply[A](valueOrdering: Ordering[A]) = new Ordering[Try[A]] {

def compare(x: Try[A], y: Try[A]): Int = {

x match {

case Throw(\_) => if (y.isReturn) -1 else 0

case Return(xValue) =>

y match {

case Throw(\_) => 1

case Return(yValue) => valueOrdering.compare(xValue, yValue)

}

}

}

}

}