package com.twitter.servo.util

object OptionOrdering {

/\*\*

\* Creates an Ordering of Option objects. Nones are ordered before Somes, and two Somes

\* are ordered according to the given value ordering.

\*/

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

// Nones before Somes, for two Somes, use valueOrdering

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

x match {

case None => if (y.nonEmpty) -1 else 0

case Some(xValue) =>

y match {

case None => 1

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

}

}

}

}

}