package com.twitter.tsp.utils

import com.twitter.storehaus.AbstractReadableStore

import com.twitter.storehaus.ReadableStore

import com.twitter.util.Future

class ReadableStoreWithMapOptionValues[K, V1, V2](rs: ReadableStore[K, V1]) {

def mapOptionValues(

fn: V1 => Option[V2]

): ReadableStore[K, V2] = {

val self = rs

new AbstractReadableStore[K, V2] {

override def get(k: K): Future[Option[V2]] = self.get(k).map(\_.flatMap(fn))

override def multiGet[K1 <: K](ks: Set[K1]): Map[K1, Future[Option[V2]]] =

self.multiGet(ks).mapValues(\_.map(\_.flatMap(fn)))

}

}

}