package com.twitter.ann.common

import com.twitter.bijection.{Bijection, Injection}

// Class providing commonly used injections that can be used directly with ANN apis.

// Injection prefixed with `J` can be used in java directly with ANN apis.

object AnnInjections {

val LongInjection: Injection[Long, Array[Byte]] = Injection.long2BigEndian

def StringInjection: Injection[String, Array[Byte]] = Injection.utf8

def IntInjection: Injection[Int, Array[Byte]] = Injection.int2BigEndian

val JLongInjection: Injection[java.lang.Long, Array[Byte]] =

Bijection.long2Boxed

.asInstanceOf[Bijection[Long, java.lang.Long]]

.inverse

.andThen(LongInjection)

val JStringInjection: Injection[java.lang.String, Array[Byte]] =

StringInjection

val JIntInjection: Injection[java.lang.Integer, Array[Byte]] =

Bijection.int2Boxed

.asInstanceOf[Bijection[Int, java.lang.Integer]]

.inverse

.andThen(IntInjection)

}