package com.twitter.ann.common

import com.twitter.search.common.file.AbstractFile

import org.apache.beam.sdk.io.fs.ResourceId

/\*\*

\* Interface for writing an Appendable to a directory.

\*/

trait Serialization {

def toDirectory(

serializationDirectory: AbstractFile

): Unit

def toDirectory(

serializationDirectory: ResourceId

): Unit

}

/\*\*

\* Interface for reading a Queryable from a directory

\* @tparam T the id of the embeddings

\* @tparam Q type of the Queryable that is deserialized.

\*/

trait QueryableDeserialization[T, P <: RuntimeParams, D <: Distance[D], Q <: Queryable[T, P, D]] {

def fromDirectory(

serializationDirectory: AbstractFile

): Q

}