package com.twitter.follow\_recommendations.models

import com.twitter.follow\_recommendations.{thriftscala => t}

import com.twitter.timelines.configapi.\_

object FeatureValue {

def fromThrift(thriftFeatureValue: t.FeatureValue): FeatureValue = thriftFeatureValue match {

case t.FeatureValue.PrimitiveValue(t.PrimitiveFeatureValue.BoolValue(bool)) =>

BooleanFeatureValue(bool)

case t.FeatureValue.PrimitiveValue(t.PrimitiveFeatureValue.StrValue(string)) =>

StringFeatureValue(string)

case t.FeatureValue.PrimitiveValue(t.PrimitiveFeatureValue.IntValue(int)) =>

NumberFeatureValue(int)

case t.FeatureValue.PrimitiveValue(t.PrimitiveFeatureValue.LongValue(long)) =>

NumberFeatureValue(long)

case t.FeatureValue.PrimitiveValue(t.PrimitiveFeatureValue.UnknownUnionField(field)) =>

throw new UnknownFeatureValueException(s"Primitive: ${field.field.name}")

case t.FeatureValue.UnknownUnionField(field) =>

throw new UnknownFeatureValueException(field.field.name)

}

}

class UnknownFeatureValueException(fieldName: String)

extends Exception(s"Unknown FeatureValue name in thrift: ${fieldName}")