package com.twitter.product\_mixer.core.functional\_component.marshaller.request

import com.twitter.product\_mixer.core.{thriftscala => t}

import com.twitter.timelines.configapi.BooleanFeatureValue

import com.twitter.timelines.configapi.FeatureValue

import com.twitter.timelines.configapi.NumberFeatureValue

import com.twitter.timelines.configapi.StringFeatureValue

import javax.inject.Inject

import javax.inject.Singleton

@Singleton

class FeatureValueUnmarshaller @Inject() () {

def apply(featureValue: t.FeatureValue): FeatureValue = featureValue 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.DoubleValue(double)) =>

NumberFeatureValue(double)

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

throw new UnsupportedOperationException(

s"Unknown feature value primitive: ${field.field.name}")

case t.FeatureValue.UnknownUnionField(field) =>

throw new UnsupportedOperationException(s"Unknown feature value: ${field.field.name}")

}

}