package com.twitter.follow\_recommendations.common.models

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

import com.twitter.follow\_recommendations.logging.thriftscala.{

EngagementType => OfflineEngagementType

}

sealed trait EngagementType {

def toThrift: TEngagementType

def toOfflineThrift: OfflineEngagementType

}

object EngagementType {

object Click extends EngagementType {

override val toThrift: TEngagementType = TEngagementType.Click

override val toOfflineThrift: OfflineEngagementType = OfflineEngagementType.Click

}

object Like extends EngagementType {

override val toThrift: TEngagementType = TEngagementType.Like

override val toOfflineThrift: OfflineEngagementType = OfflineEngagementType.Like

}

object Mention extends EngagementType {

override val toThrift: TEngagementType = TEngagementType.Mention

override val toOfflineThrift: OfflineEngagementType = OfflineEngagementType.Mention

}

object Retweet extends EngagementType {

override val toThrift: TEngagementType = TEngagementType.Retweet

override val toOfflineThrift: OfflineEngagementType = OfflineEngagementType.Retweet

}

object ProfileView extends EngagementType {

override val toThrift: TEngagementType = TEngagementType.ProfileView

override val toOfflineThrift: OfflineEngagementType = OfflineEngagementType.ProfileView

}

def fromThrift(engagementType: TEngagementType): EngagementType = engagementType match {

case TEngagementType.Click => Click

case TEngagementType.Like => Like

case TEngagementType.Mention => Mention

case TEngagementType.Retweet => Retweet

case TEngagementType.ProfileView => ProfileView

case TEngagementType.EnumUnknownEngagementType(i) =>

throw new UnknownEngagementTypeException(

s"Unknown engagement type thrift enum with value: ${i}")

}

def fromOfflineThrift(engagementType: OfflineEngagementType): EngagementType =

engagementType match {

case OfflineEngagementType.Click => Click

case OfflineEngagementType.Like => Like

case OfflineEngagementType.Mention => Mention

case OfflineEngagementType.Retweet => Retweet

case OfflineEngagementType.ProfileView => ProfileView

case OfflineEngagementType.EnumUnknownEngagementType(i) =>

throw new UnknownEngagementTypeException(

s"Unknown engagement type offline thrift enum with value: ${i}")

}

}

class UnknownEngagementTypeException(message: String) extends Exception(message)