package com.twitter.cr\_mixer.module.similarity\_engine

import com.google.inject.Provides

import com.twitter.cr\_mixer.config.TimeoutConfig

import com.twitter.cr\_mixer.model.ModuleNames

import com.twitter.cr\_mixer.model.TweetWithScore

import com.twitter.cr\_mixer.similarity\_engine.ConsumerBasedWalsSimilarityEngine

import com.twitter.cr\_mixer.similarity\_engine.SimilarityEngine.GatingConfig

import com.twitter.cr\_mixer.similarity\_engine.SimilarityEngine.SimilarityEngineConfig

import com.twitter.cr\_mixer.similarity\_engine.StandardSimilarityEngine

import com.twitter.cr\_mixer.thriftscala.SimilarityEngineType

import com.twitter.finagle.stats.StatsReceiver

import com.twitter.inject.TwitterModule

import io.grpc.ManagedChannel

import javax.inject.Named

object ConsumerBasedWalsSimilarityEngineModule extends TwitterModule {

@Provides

@Named(ModuleNames.ConsumerBasedWalsSimilarityEngine)

def providesConsumerBasedWalsSimilarityEngine(

timeoutConfig: TimeoutConfig,

statsReceiver: StatsReceiver,

@Named(ModuleNames.HomeNaviGRPCClient) homeNaviGRPCClient: ManagedChannel,

@Named(ModuleNames.AdsFavedNaviGRPCClient) adsFavedNaviGRPCClient: ManagedChannel,

@Named(ModuleNames.AdsMonetizableNaviGRPCClient) adsMonetizableNaviGRPCClient: ManagedChannel,

): StandardSimilarityEngine[

ConsumerBasedWalsSimilarityEngine.Query,

TweetWithScore

] = {

val underlyingStore = new ConsumerBasedWalsSimilarityEngine(

homeNaviGRPCClient,

adsFavedNaviGRPCClient,

adsMonetizableNaviGRPCClient,

statsReceiver

)

new StandardSimilarityEngine[

ConsumerBasedWalsSimilarityEngine.Query,

TweetWithScore

](

implementingStore = underlyingStore,

identifier = SimilarityEngineType.ConsumerBasedWalsANN,

globalStats = statsReceiver,

engineConfig = SimilarityEngineConfig(

timeout = timeoutConfig.similarityEngineTimeout,

gatingConfig = GatingConfig(

deciderConfig = None,

enableFeatureSwitch = None

)

)

)

}

}