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

import com.google.inject.Provides

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

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

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

import com.twitter.cr\_mixer.param.decider.CrMixerDecider

import com.twitter.cr\_mixer.param.decider.DeciderConstants

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

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

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 com.twitter.recos.user\_tweet\_entity\_graph.thriftscala.UserTweetEntityGraph

import javax.inject.Named

import javax.inject.Singleton

object UserTweetEntityGraphSimilarityEngineModule extends TwitterModule {

@Provides

@Singleton

@Named(ModuleNames.UserTweetEntityGraphSimilarityEngine)

def providesUserTweetEntityGraphSimilarityEngine(

userTweetEntityGraphService: UserTweetEntityGraph.MethodPerEndpoint,

timeoutConfig: TimeoutConfig,

statsReceiver: StatsReceiver,

decider: CrMixerDecider

): StandardSimilarityEngine[

UserTweetEntityGraphSimilarityEngine.Query,

TweetWithScoreAndSocialProof

] = {

new StandardSimilarityEngine[

UserTweetEntityGraphSimilarityEngine.Query,

TweetWithScoreAndSocialProof

](

implementingStore =

UserTweetEntityGraphSimilarityEngine(userTweetEntityGraphService, statsReceiver),

identifier = SimilarityEngineType.Uteg,

globalStats = statsReceiver,

engineConfig = SimilarityEngineConfig(

timeout = timeoutConfig.utegSimilarityEngineTimeout,

gatingConfig = GatingConfig(

deciderConfig = Some(

DeciderConfig(decider, DeciderConstants.enableUserTweetEntityGraphTrafficDeciderKey)),

enableFeatureSwitch = None

)

),

// We cannot use the key to cache anything in UTEG because the key contains a long list of userIds

memCacheConfig = None

)

}

}