package com.twitter.cr\_mixer.param

import com.twitter.timelines.configapi.BaseConfig

import com.twitter.timelines.configapi.BaseConfigBuilder

import com.twitter.timelines.configapi.FSBoundedParam

import com.twitter.timelines.configapi.FSName

import com.twitter.timelines.configapi.FSParam

import com.twitter.timelines.configapi.FeatureSwitchOverrideUtil

import com.twitter.timelines.configapi.Param

object TweetBasedUserTweetGraphParams {

object MinCoOccurrenceParam

extends FSBoundedParam[Int](

name = "tweet\_based\_user\_tweet\_graph\_min\_co\_occurrence",

default = 3,

min = 0,

max = 500

)

object TweetBasedMinScoreParam

extends FSBoundedParam[Double](

name = "tweet\_based\_user\_tweet\_graph\_tweet\_based\_min\_score",

default = 0.5,

min = 0.0,

max = 10.0

)

object ConsumersBasedMinScoreParam

extends FSBoundedParam[Double](

name = "tweet\_based\_user\_tweet\_graph\_consumers\_based\_min\_score",

default = 4.0,

min = 0.0,

max = 10.0

)

object MaxConsumerSeedsNumParam

extends FSBoundedParam[Int](

name = "tweet\_based\_user\_tweet\_graph\_max\_user\_seeds\_num",

default = 100,

min = 0,

max = 300

)

object EnableCoverageExpansionOldTweetParam

extends FSParam[Boolean](

name = "tweet\_based\_user\_tweet\_graph\_enable\_coverage\_expansion\_old\_tweet",

default = false

)

object EnableCoverageExpansionAllTweetParam

extends FSParam[Boolean](

name = "tweet\_based\_user\_tweet\_graph\_enable\_coverage\_expansion\_all\_tweet",

default = false

)

val AllParams: Seq[Param[\_] with FSName] = Seq(

EnableCoverageExpansionAllTweetParam,

EnableCoverageExpansionOldTweetParam,

MinCoOccurrenceParam,

MaxConsumerSeedsNumParam,

TweetBasedMinScoreParam,

ConsumersBasedMinScoreParam

)

lazy val config: BaseConfig = {

val booleanOverrides = FeatureSwitchOverrideUtil.getBooleanFSOverrides(

EnableCoverageExpansionAllTweetParam,

EnableCoverageExpansionOldTweetParam

)

val intOverrides = FeatureSwitchOverrideUtil.getBoundedIntFSOverrides(

MinCoOccurrenceParam,

MaxConsumerSeedsNumParam

)

val doubleOverrides =

FeatureSwitchOverrideUtil.getBoundedDoubleFSOverrides(

TweetBasedMinScoreParam,

ConsumersBasedMinScoreParam)

BaseConfigBuilder()

.set(booleanOverrides: \_\*)

.set(intOverrides: \_\*)

.set(doubleOverrides: \_\*)

.build()

}

}