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 RelatedTweetTweetBasedParams {

// UTG params

object EnableUTGParam

extends FSParam[Boolean](

name = "related\_tweet\_tweet\_based\_enable\_utg",

default = false

)

// UVG params

object EnableUVGParam

extends FSParam[Boolean](

name = "related\_tweet\_tweet\_based\_enable\_uvg",

default = false

)

// UAG params

object EnableUAGParam

extends FSParam[Boolean](

name = "related\_tweet\_tweet\_based\_enable\_uag",

default = false

)

// SimClusters params

object EnableSimClustersANNParam

extends FSParam[Boolean](

name = "related\_tweet\_tweet\_based\_enable\_simclusters",

default = true

)

// Experimental SimClusters ANN params

object EnableExperimentalSimClustersANNParam

extends FSParam[Boolean](

name = "related\_tweet\_tweet\_based\_enable\_experimental\_simclusters\_ann",

default = false

)

// SimClusters ANN cluster 1 params

object EnableSimClustersANN1Param

extends FSParam[Boolean](

name = "related\_tweet\_tweet\_based\_enable\_simclusters\_ann\_1",

default = false

)

// SimClusters ANN cluster 2 params

object EnableSimClustersANN2Param

extends FSParam[Boolean](

name = "related\_tweet\_tweet\_based\_enable\_simclusters\_ann\_2",

default = false

)

// SimClusters ANN cluster 3 params

object EnableSimClustersANN3Param

extends FSParam[Boolean](

name = "related\_tweet\_tweet\_based\_enable\_simclusters\_ann\_3",

default = false

)

// SimClusters ANN cluster 5 params

object EnableSimClustersANN5Param

extends FSParam[Boolean](

name = "related\_tweet\_tweet\_based\_enable\_simclusters\_ann\_5",

default = false

)

object EnableSimClustersANN4Param

extends FSParam[Boolean](

name = "related\_tweet\_tweet\_based\_enable\_simclusters\_ann\_4",

default = false

)

// TwHIN params

object EnableTwHINParam

extends FSParam[Boolean](

name = "related\_tweet\_tweet\_based\_enable\_twhin",

default = false

)

// QIG params

object EnableQigSimilarTweetsParam

extends FSParam[Boolean](

name = "related\_tweet\_tweet\_based\_enable\_qig\_similar\_tweets",

default = false

)

// Filter params

object SimClustersMinScoreParam

extends FSBoundedParam[Double](

name = "related\_tweet\_tweet\_based\_filter\_simclusters\_min\_score",

default = 0.3,

min = 0.0,

max = 1.0

)

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

EnableTwHINParam,

EnableQigSimilarTweetsParam,

EnableUTGParam,

EnableUVGParam,

EnableSimClustersANNParam,

EnableSimClustersANN2Param,

EnableSimClustersANN3Param,

EnableSimClustersANN5Param,

EnableSimClustersANN4Param,

EnableExperimentalSimClustersANNParam,

SimClustersMinScoreParam

)

lazy val config: BaseConfig = {

val booleanOverrides = FeatureSwitchOverrideUtil.getBooleanFSOverrides(

EnableTwHINParam,

EnableQigSimilarTweetsParam,

EnableUTGParam,

EnableUVGParam,

EnableSimClustersANNParam,

EnableSimClustersANN2Param,

EnableSimClustersANN3Param,

EnableSimClustersANN5Param,

EnableSimClustersANN4Param,

EnableExperimentalSimClustersANNParam

)

val doubleOverrides =

FeatureSwitchOverrideUtil.getBoundedDoubleFSOverrides(SimClustersMinScoreParam)

BaseConfigBuilder()

.set(booleanOverrides: \_\*)

.set(doubleOverrides: \_\*)

.build()

}

}