package com.twitter.cr\_mixer.param

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

import com.twitter.timelines.configapi.BaseConfig

import com.twitter.timelines.configapi.BaseConfigBuilder

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 CustomizedRetrievalBasedCandidateGenerationParams {

// Offline SimClusters InterestedIn params

object EnableOfflineInterestedInParam

extends FSParam[Boolean](

name = "customized\_retrieval\_based\_candidate\_generation\_enable\_offline\_interestedin",

default = false

)

// Offline SimClusters FTR-based InterestedIn

object EnableOfflineFTRInterestedInParam

extends FSParam[Boolean](

name = "customized\_retrieval\_based\_candidate\_generation\_enable\_ftr\_offline\_interestedin",

default = false

)

// TwHin Collab Filter Cluster params

object EnableTwhinCollabFilterClusterParam

extends FSParam[Boolean](

name = "customized\_retrieval\_based\_candidate\_generation\_enable\_twhin\_collab\_filter\_cluster",

default = false

)

// TwHin Multi Cluster params

object EnableTwhinMultiClusterParam

extends FSParam[Boolean](

name = "customized\_retrieval\_based\_candidate\_generation\_enable\_twhin\_multi\_cluster",

default = false

)

object EnableRetweetBasedDiffusionParam

extends FSParam[Boolean](

name = "customized\_retrieval\_based\_candidate\_generation\_enable\_retweet\_based\_diffusion",

default = false

)

object CustomizedRetrievalBasedRetweetDiffusionSource

extends FSParam[String](

name =

"customized\_retrieval\_based\_candidate\_generation\_offline\_retweet\_based\_diffusion\_model\_id",

default = ModelConfig.RetweetBasedDiffusion

)

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

EnableOfflineInterestedInParam,

EnableOfflineFTRInterestedInParam,

EnableTwhinCollabFilterClusterParam,

EnableTwhinMultiClusterParam,

EnableRetweetBasedDiffusionParam,

CustomizedRetrievalBasedRetweetDiffusionSource

)

lazy val config: BaseConfig = {

val booleanOverrides = FeatureSwitchOverrideUtil.getBooleanFSOverrides(

EnableOfflineInterestedInParam,

EnableOfflineFTRInterestedInParam,

EnableTwhinCollabFilterClusterParam,

EnableTwhinMultiClusterParam,

EnableRetweetBasedDiffusionParam

)

val stringFSOverrides =

FeatureSwitchOverrideUtil.getStringFSOverrides(

CustomizedRetrievalBasedRetweetDiffusionSource

)

BaseConfigBuilder()

.set(booleanOverrides: \_\*)

.set(stringFSOverrides: \_\*)

.build()

}

}