package com.twitter.cr\_mixer.param

import com.twitter.finagle.stats.NullStatsReceiver

import com.twitter.logging.Logger

import com.twitter.timelines.configapi.BaseConfig

import com.twitter.timelines.configapi.BaseConfigBuilder

import com.twitter.timelines.configapi.FSBoundedParam

import com.twitter.timelines.configapi.FSEnumParam

import com.twitter.timelines.configapi.FSName

import com.twitter.timelines.configapi.FSParam

import com.twitter.timelines.configapi.FeatureSwitchOverrideUtil

import com.twitter.timelines.configapi.Param

import com.twitter.usersignalservice.thriftscala.SignalType

import scala.language.implicitConversions

object UnifiedUSSSignalParams {

object TweetAggregationTypeParam extends Enumeration {

protected case class SignalTypeValue(signalType: SignalType) extends super.Val

implicit def valueToSignalTypeValue(x: Value): SignalTypeValue =

x.asInstanceOf[SignalTypeValue]

val UniformAggregation = SignalTypeValue(SignalType.TweetBasedUnifiedUniformSignal)

val EngagementAggregation = SignalTypeValue(

SignalType.TweetBasedUnifiedEngagementWeightedSignal)

}

object ProducerAggregationTypeParam extends Enumeration {

protected case class SignalTypeValue(signalType: SignalType) extends super.Val

import scala.language.implicitConversions

implicit def valueToSignalTypeValue(x: Value): SignalTypeValue =

x.asInstanceOf[SignalTypeValue]

val UniformAggregation = SignalTypeValue(SignalType.ProducerBasedUnifiedUniformSignal)

val EngagementAggregation = SignalTypeValue(

SignalType.ProducerBasedUnifiedEngagementWeightedSignal)

}

object ReplaceIndividualUSSSourcesParam

extends FSParam[Boolean](

name = "twistly\_agg\_replace\_enable\_source",

default = false

)

object EnableTweetAggSourceParam

extends FSParam[Boolean](

name = "twistly\_agg\_tweet\_agg\_enable\_source",

default = false

)

object TweetAggTypeParam

extends FSEnumParam[TweetAggregationTypeParam.type](

name = "twistly\_agg\_tweet\_agg\_type\_id",

default = TweetAggregationTypeParam.EngagementAggregation,

enum = TweetAggregationTypeParam

)

object UnifiedTweetSourceNumberParam

extends FSBoundedParam[Int](

name = "twistly\_agg\_tweet\_agg\_source\_number",

default = 0,

min = 0,

max = 100,

)

object EnableProducerAggSourceParam

extends FSParam[Boolean](

name = "twistly\_agg\_producer\_agg\_enable\_source",

default = false

)

object ProducerAggTypeParam

extends FSEnumParam[ProducerAggregationTypeParam.type](

name = "twistly\_agg\_producer\_agg\_type\_id",

default = ProducerAggregationTypeParam.EngagementAggregation,

enum = ProducerAggregationTypeParam

)

object UnifiedProducerSourceNumberParam

extends FSBoundedParam[Int](

name = "twistly\_agg\_producer\_agg\_source\_number",

default = 0,

min = 0,

max = 100,

)

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

EnableTweetAggSourceParam,

EnableProducerAggSourceParam,

TweetAggTypeParam,

ProducerAggTypeParam,

UnifiedTweetSourceNumberParam,

UnifiedProducerSourceNumberParam,

ReplaceIndividualUSSSourcesParam

)

lazy val config: BaseConfig = {

val booleanOverrides = FeatureSwitchOverrideUtil.getBooleanFSOverrides(

EnableTweetAggSourceParam,

EnableProducerAggSourceParam,

ReplaceIndividualUSSSourcesParam,

)

val intOverrides = FeatureSwitchOverrideUtil.getBoundedIntFSOverrides(

UnifiedProducerSourceNumberParam,

UnifiedTweetSourceNumberParam)

val enumOverrides = FeatureSwitchOverrideUtil.getEnumFSOverrides(

NullStatsReceiver,

Logger(getClass),

TweetAggTypeParam,

ProducerAggTypeParam

)

BaseConfigBuilder()

.set(booleanOverrides: \_\*)

.set(intOverrides: \_\*)

.set(enumOverrides: \_\*)

.build()

}

}