package com.twitter.simclusters\_v2.common

import com.twitter.simclusters\_v2.thriftscala.ModelVersion

/\*\*

\* The utility to convert SimClusters Model version into different forms.

\* Required to register any new SimClusters Model version here.

\*/

object ModelVersions {

val Model20M145KDec11 = "20M\_145K\_dec11"

val Model20M145KUpdated = "20M\_145K\_updated"

val Model20M145K2020 = "20M\_145K\_2020"

// Use Enum for feature switch

object Enum extends Enumeration {

val Model20M145K2020, Model20M145KUpdated: Value = Value

val enumToSimClustersModelVersionMap: Map[Enum.Value, ModelVersion] = Map(

Model20M145K2020 -> ModelVersion.Model20m145k2020,

Model20M145KUpdated -> ModelVersion.Model20m145kUpdated

)

}

// Add the new model version into this map

private val StringToThriftModelVersions: Map[String, ModelVersion] =

Map(

Model20M145KDec11 -> ModelVersion.Model20m145kDec11,

Model20M145KUpdated -> ModelVersion.Model20m145kUpdated,

Model20M145K2020 -> ModelVersion.Model20m145k2020

)

private val ThriftModelVersionToStrings = StringToThriftModelVersions.map(\_.swap)

val AllModelVersions: Set[String] = StringToThriftModelVersions.keySet

def toModelVersionOption(modelVersionStr: String): Option[ModelVersion] = {

StringToThriftModelVersions.get(modelVersionStr)

}

implicit def toModelVersion(modelVersionStr: String): ModelVersion = {

StringToThriftModelVersions(modelVersionStr)

}

implicit def toKnownForModelVersion(modelVersion: ModelVersion): String = {

ThriftModelVersionToStrings(modelVersion)

}

}