package com.twitter.follow\_recommendations.modules

import com.google.inject.Provides

import com.google.inject.Singleton

import com.twitter.inject.TwitterModule

import com.twitter.relevance.ep\_model.common.CommonConstants

import com.twitter.relevance.ep\_model.scorer.EPScorer

import com.twitter.relevance.ep\_model.scorer.EPScorerBuilder

import java.io.File

import java.io.FileOutputStream

import scala.language.postfixOps

object ScorerModule extends TwitterModule {

private val STPScorerPath = "/quality/stp\_models/20141223"

private def fileFromResource(resource: String): File = {

val inputStream = getClass.getResourceAsStream(resource)

val file = File.createTempFile(resource, "temp")

val fos = new FileOutputStream(file)

Iterator

.continually(inputStream.read)

.takeWhile(-1 !=)

.foreach(fos.write)

file

}

@Provides

@Singleton

def provideEpScorer: EPScorer = {

val modelPath =

fileFromResource(STPScorerPath + "/" + CommonConstants.EP\_MODEL\_FILE\_NAME).getAbsolutePath

val trainingConfigPath =

fileFromResource(STPScorerPath + "/" + CommonConstants.TRAINING\_CONFIG).getAbsolutePath

val epScorer = new EPScorerBuilder

epScorer

.withModelPath(modelPath)

.withTrainingConfig(trainingConfigPath)

.build()

}

}