package com.twitter.product\_mixer.component\_library.scorer.common

import com.twitter.product\_mixer.core.pipeline.PipelineQuery

import com.twitter.timelines.configapi.Param

/\*\*

\* Selector for choosing which Model ID/Name to use when calling an underlying ML Model Service.

\*/

trait ModelSelector[-Query <: PipelineQuery] {

def apply(query: Query): Option[String]

}

/\*\*

\* Simple Model ID Selector that chooses model based off of a Param object.

\* @param param ConfigAPI Param that decides the model id.

\*/

case class ParamModelSelector[Query <: PipelineQuery](param: Param[String])

extends ModelSelector[Query] {

override def apply(query: Query): Option[String] = Some(query.params(param))

}

/\*\*

\* Static Selector that chooses the same model name always

\* @param modelName The model name to use.

\*/

case class StaticModelSelector(modelName: String) extends ModelSelector[PipelineQuery] {

override def apply(query: PipelineQuery): Option[String] = Some(modelName)

}