package com.twitter.product\_mixer.component\_library.feature.featurestorev1

import com.twitter.ml.api.transform.FeatureRenameTransform

import com.twitter.ml.featurestore.catalog.entities

import com.twitter.ml.featurestore.lib.EntityId

import com.twitter.ml.featurestore.lib.UserId

import com.twitter.ml.featurestore.lib.entity.Entity

import com.twitter.ml.featurestore.lib.entity.EntityWithId

import com.twitter.ml.featurestore.lib.feature.TimelinesAggregationFrameworkFeatureGroup

import com.twitter.ml.featurestore.lib.feature.{Feature => FSv1Feature}

import com.twitter.product\_mixer.core.feature.featurestorev1.\_

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

import com.twitter.timelines.configapi.FSParam

import scala.reflect.ClassTag

object FeatureStoreV1QueryUserIdFeature {

def apply[Query <: PipelineQuery, Value](

feature: FSv1Feature[UserId, Value],

legacyName: Option[String] = None,

defaultValue: Option[Value] = None,

enabledParam: Option[FSParam[Boolean]] = None

): FeatureStoreV1Feature[Query, Query, \_ <: EntityId, Value]

with FeatureStoreV1QueryFeature[Query, \_ <: EntityId, Value] =

FeatureStoreV1QueryFeature(feature, QueryUserIdEntity, legacyName, defaultValue, enabledParam)

}

object FeatureStoreV1QueryUserIdAggregateFeature {

def apply[Query <: PipelineQuery](

featureGroup: TimelinesAggregationFrameworkFeatureGroup[UserId],

enabledParam: Option[FSParam[Boolean]] = None,

keepLegacyNames: Boolean = false,

featureNameTransform: Option[FeatureRenameTransform] = None

): FeatureStoreV1QueryFeatureGroup[Query, \_ <: EntityId] =

FeatureStoreV1QueryFeatureGroup(

featureGroup,

QueryUserIdEntity,

enabledParam,

keepLegacyNames,

featureNameTransform)((implicitly[ClassTag[UserId]]))

}

object QueryUserIdEntity extends FeatureStoreV1QueryEntity[PipelineQuery, UserId] {

override val entity: Entity[UserId] = entities.core.User

override def entityWithId(query: PipelineQuery): EntityWithId[UserId] =

entity.withId(UserId(query.getUserIdLoggedOutSupport))

}