package com.twitter.product\_mixer.core.functional\_component.common.alert

import com.fasterxml.jackson.annotation.JsonSubTypes

import com.fasterxml.jackson.annotation.JsonTypeInfo

/\*\*

\* where the metric originates from, such as from the server or from a client

\*

\* @note implementations must be simple case classes with unique structures for serialization

\*/

@JsonTypeInfo(use = JsonTypeInfo.Id.NAME, include = JsonTypeInfo.As.PROPERTY)

@JsonSubTypes(

Array(

new JsonSubTypes.Type(value = classOf[Server], name = "Server"),

new JsonSubTypes.Type(value = classOf[Strato], name = "Strato"),

new JsonSubTypes.Type(value = classOf[GenericClient], name = "GenericClient")

)

)

sealed trait Source

/\*\* metrics for the Product Mixer server \*/

case class Server() extends Source

/\*\* metrics from the perspective of a Strato column \*/

case class Strato(stratoColumnPath: String, stratoColumnOp: String) extends Source

/\*\*

\* metrics from the perspective of a generic client

\*

\* @param displayName human readable name for the client

\* @param service service referenced in the query, of the form <role>.<env>.<job>

\* @param metricSource the source of the metric query, usually of the form sd.<role>.<env>.<job>

\* @param failureMetric the name of the metric indicating a client failure

\* @param requestMetric the name of the metric indicating a request has been made

\* @param latencyMetric the name of the metric measuring a request's latency

\*

\* @note We strongly recommend the use of [[Strato]] where possible. [[GenericClient]] is provided as a

\* catch-all source for teams that have unusual legacy call paths (such as Macaw).

\*/

case class GenericClient(

displayName: String,

service: String,

metricSource: String,

failureMetric: String,

requestMetric: String,

latencyMetric: String)

extends Source