package com.twitter.product\_mixer.shared\_library.http\_client

import com.twitter.finagle.Http

import com.twitter.finagle.mtls.authentication.ServiceIdentifier

import com.twitter.finagle.mtls.client.MtlsStackClient.\_

import com.twitter.finagle.stats.StatsReceiver

import com.twitter.util.Duration

object FinagleHttpClientBuilder {

/\*\*

\* Build a Finagle HTTP client with S2S Auth / Mutual TLS

\*

\* @param requestTimeout HTTP client request timeout

\* @param connectTimeout HTTP client transport connect timeout

\* @param acquisitionTimeout HTTP client session acquisition timeout

\* @param serviceIdentifier Service ID used to S2S Auth

\* @param statsReceiver Stats

\*

\* @return Finagle HTTP Client with S2S Auth / Mutual TLS

\*/

def buildFinagleHttpClientMutualTls(

requestTimeout: Duration,

connectTimeout: Duration,

acquisitionTimeout: Duration,

serviceIdentifier: ServiceIdentifier,

statsReceiver: StatsReceiver

): Http.Client =

buildFinagleHttpClient(

requestTimeout = requestTimeout,

connectTimeout = connectTimeout,

acquisitionTimeout = acquisitionTimeout,

statsReceiver = statsReceiver

).withMutualTls(serviceIdentifier)

/\*\*

\* Build a Finagle HTTP client

\*

\* @param requestTimeout HTTP client request timeout

\* @param connectTimeout HTTP client transport connect timeout

\* @param acquisitionTimeout HTTP client session acquisition timeout

\* @param statsReceiver stats

\*

\* @return Finagle HTTP Client

\*/

def buildFinagleHttpClient(

requestTimeout: Duration,

connectTimeout: Duration,

acquisitionTimeout: Duration,

statsReceiver: StatsReceiver,

): Http.Client =

Http.client

.withStatsReceiver(statsReceiver)

.withRequestTimeout(requestTimeout)

.withTransport.connectTimeout(connectTimeout)

.withSession.acquisitionTimeout(acquisitionTimeout)

}