package com.twitter.representation\_manager.modules

import com.google.inject.Provides

import com.twitter.escherbird.util.uttclient.CacheConfigV2

import com.twitter.escherbird.util.uttclient.CachedUttClientV2

import com.twitter.escherbird.util.uttclient.UttClientCacheConfigsV2

import com.twitter.escherbird.utt.strato.thriftscala.Environment

import com.twitter.finagle.stats.StatsReceiver

import com.twitter.inject.TwitterModule

import com.twitter.strato.client.{Client => StratoClient}

import javax.inject.Singleton

object UttClientModule extends TwitterModule {

@Singleton

@Provides

def providesUttClient(

stratoClient: StratoClient,

statsReceiver: StatsReceiver

): CachedUttClientV2 = {

// Save 2 ^ 18 UTTs. Promising 100% cache rate

val defaultCacheConfigV2: CacheConfigV2 = CacheConfigV2(262143)

val uttClientCacheConfigsV2: UttClientCacheConfigsV2 = UttClientCacheConfigsV2(

getTaxonomyConfig = defaultCacheConfigV2,

getUttTaxonomyConfig = defaultCacheConfigV2,

getLeafIds = defaultCacheConfigV2,

getLeafUttEntities = defaultCacheConfigV2

)

// CachedUttClient to use StratoClient

new CachedUttClientV2(

stratoClient = stratoClient,

env = Environment.Prod,

cacheConfigs = uttClientCacheConfigsV2,

statsReceiver = statsReceiver.scope("cached\_utt\_client")

)

}

}