package com.twitter.home\_mixer

import com.google.inject.Module

import com.twitter.finagle.Filter

import com.twitter.finatra.annotations.DarkTrafficFilterType

import com.twitter.finatra.http.HttpServer

import com.twitter.finatra.http.routing.HttpRouter

import com.twitter.finatra.mtls.http.{Mtls => HttpMtls}

import com.twitter.finatra.mtls.thriftmux.Mtls

import com.twitter.finatra.mtls.thriftmux.modules.MtlsThriftWebFormsModule

import com.twitter.finatra.thrift.ThriftServer

import com.twitter.finatra.thrift.filters.\_

import com.twitter.finatra.thrift.routing.ThriftRouter

import com.twitter.home\_mixer.controller.HomeThriftController

import com.twitter.home\_mixer.federated.HomeMixerColumn

import com.twitter.home\_mixer.module.\_

import com.twitter.home\_mixer.param.GlobalParamConfigModule

import com.twitter.home\_mixer.product.HomeMixerProductModule

import com.twitter.home\_mixer.{thriftscala => st}

import com.twitter.product\_mixer.component\_library.module.AccountRecommendationsMixerModule

import com.twitter.product\_mixer.component\_library.module.DarkTrafficFilterModule

import com.twitter.product\_mixer.component\_library.module.EarlybirdModule

import com.twitter.product\_mixer.component\_library.module.ExploreRankerClientModule

import com.twitter.product\_mixer.component\_library.module.GizmoduckClientModule

import com.twitter.product\_mixer.component\_library.module.OnboardingTaskServiceModule

import com.twitter.product\_mixer.component\_library.module.SocialGraphServiceModule

import com.twitter.product\_mixer.component\_library.module.TimelineRankerClientModule

import com.twitter.product\_mixer.component\_library.module.TimelineScorerClientModule

import com.twitter.product\_mixer.component\_library.module.TimelineServiceClientModule

import com.twitter.product\_mixer.component\_library.module.TweetImpressionStoreModule

import com.twitter.product\_mixer.component\_library.module.TweetMixerClientModule

import com.twitter.product\_mixer.component\_library.module.UserSessionStoreModule

import com.twitter.product\_mixer.core.controllers.ProductMixerController

import com.twitter.product\_mixer.core.module.LoggingThrowableExceptionMapper

import com.twitter.product\_mixer.core.module.ProductMixerModule

import com.twitter.product\_mixer.core.module.stringcenter.ProductScopeStringCenterModule

import com.twitter.strato.fed.StratoFed

import com.twitter.strato.fed.server.StratoFedServer

object HomeMixerServerMain extends HomeMixerServer

class HomeMixerServer

extends StratoFedServer

with ThriftServer

with Mtls

with HttpServer

with HttpMtls {

override val name = "home-mixer-server"

override val modules: Seq[Module] = Seq(

AccountRecommendationsMixerModule,

AdvertiserBrandSafetySettingsStoreModule,

BlenderClientModule,

ClientSentImpressionsPublisherModule,

ConversationServiceModule,

EarlybirdModule,

ExploreRankerClientModule,

FeedbackHistoryClientModule,

GizmoduckClientModule,

GlobalParamConfigModule,

HomeAdsCandidateSourceModule,

HomeMixerFlagsModule,

HomeMixerProductModule,

HomeMixerResourcesModule,

ImpressionBloomFilterModule,

InjectionHistoryClientModule,

ManhattanClientsModule,

ManhattanFeatureRepositoryModule,

ManhattanTweetImpressionStoreModule,

MemcachedFeatureRepositoryModule,

NaviModelClientModule,

OnboardingTaskServiceModule,

OptimizedStratoClientModule,

PeopleDiscoveryServiceModule,

ProductMixerModule,

RealGraphInNetworkScoresModule,

RealtimeAggregateFeatureRepositoryModule,

ScoredTweetsMemcacheModule,

ScribeEventPublisherModule,

SimClustersRecentEngagementsClientModule,

SocialGraphServiceModule,

StaleTweetsCacheModule,

ThriftFeatureRepositoryModule,

TimelineRankerClientModule,

TimelineScorerClientModule,

TimelineServiceClientModule,

TimelinesPersistenceStoreClientModule,

TopicSocialProofClientModule,

TweetImpressionStoreModule,

TweetMixerClientModule,

TweetypieClientModule,

TweetypieStaticEntitiesCacheClientModule,

UserSessionStoreModule,

new DarkTrafficFilterModule[st.HomeMixer.ReqRepServicePerEndpoint](),

new MtlsThriftWebFormsModule[st.HomeMixer.MethodPerEndpoint](this),

new ProductScopeStringCenterModule()

)

override def configureThrift(router: ThriftRouter): Unit = {

router

.filter[LoggingMDCFilter]

.filter[TraceIdMDCFilter]

.filter[ThriftMDCFilter]

.filter[StatsFilter]

.filter[AccessLoggingFilter]

.filter[ExceptionMappingFilter]

.filter[Filter.TypeAgnostic, DarkTrafficFilterType]

.exceptionMapper[LoggingThrowableExceptionMapper]

.exceptionMapper[PipelineFailureExceptionMapper]

.add[HomeThriftController]

}

override def configureHttp(router: HttpRouter): Unit =

router.add(

ProductMixerController[st.HomeMixer.MethodPerEndpoint](

this.injector,

st.HomeMixer.ExecutePipeline))

override val dest: String = "/s/home-mixer/home-mixer:strato"

override val columns: Seq[Class[\_ <: StratoFed.Column]] =

Seq(classOf[HomeMixerColumn])

override protected def warmup(): Unit = {

handle[HomeMixerThriftServerWarmupHandler]()

handle[HomeMixerHttpServerWarmupHandler]()

}

}