package com.twitter.follow\_recommendations.flows.content\_recommender\_flow

import com.twitter.finagle.stats.StatsReceiver

import com.twitter.follow\_recommendations.common.base.CandidateSourceRegistry

import com.twitter.follow\_recommendations.common.candidate\_sources.addressbook.ForwardEmailBookSource

import com.twitter.follow\_recommendations.common.candidate\_sources.addressbook.ForwardPhoneBookSource

import com.twitter.follow\_recommendations.common.candidate\_sources.addressbook.ReverseEmailBookSource

import com.twitter.follow\_recommendations.common.candidate\_sources.addressbook.ReversePhoneBookSource

import com.twitter.follow\_recommendations.common.candidate\_sources.geo.PopCountryBackFillSource

import com.twitter.follow\_recommendations.common.candidate\_sources.geo.PopCountrySource

import com.twitter.follow\_recommendations.common.candidate\_sources.geo.PopGeohashSource

import com.twitter.follow\_recommendations.common.candidate\_sources.crowd\_search\_accounts.CrowdSearchAccountsSource

import com.twitter.follow\_recommendations.common.candidate\_sources.ppmi\_locale\_follow.PPMILocaleFollowSource

import com.twitter.follow\_recommendations.common.candidate\_sources.top\_organic\_follows\_accounts.TopOrganicFollowsAccountsSource

import com.twitter.follow\_recommendations.common.candidate\_sources.real\_graph.RealGraphOonV2Source

import com.twitter.follow\_recommendations.common.candidate\_sources.recent\_engagement.RepeatedProfileVisitsSource

import com.twitter.follow\_recommendations.common.candidate\_sources.sims\_expansion.RecentEngagementSimilarUsersSource

import com.twitter.follow\_recommendations.common.candidate\_sources.sims\_expansion.RecentFollowingSimilarUsersSource

import com.twitter.follow\_recommendations.common.candidate\_sources.socialgraph.RecentFollowingRecentFollowingExpansionSource

import com.twitter.follow\_recommendations.common.candidate\_sources.stp.OfflineStrongTiePredictionSource

import com.twitter.follow\_recommendations.common.candidate\_sources.triangular\_loops.TriangularLoopsSource

import com.twitter.follow\_recommendations.common.candidate\_sources.user\_user\_graph.UserUserGraphCandidateSource

import com.twitter.follow\_recommendations.common.models.CandidateUser

import com.twitter.product\_mixer.core.functional\_component.candidate\_source.CandidateSource

import javax.inject.Inject

import javax.inject.Singleton

@Singleton

class ContentRecommenderFlowCandidateSourceRegistry @Inject() (

// social based

forwardPhoneBookSource: ForwardPhoneBookSource,

forwardEmailBookSource: ForwardEmailBookSource,

reversePhoneBookSource: ReversePhoneBookSource,

reverseEmailBookSource: ReverseEmailBookSource,

offlineStrongTiePredictionSource: OfflineStrongTiePredictionSource,

triangularLoopsSource: TriangularLoopsSource,

userUserGraphCandidateSource: UserUserGraphCandidateSource,

realGraphOonSource: RealGraphOonV2Source,

recentFollowingRecentFollowingExpansionSource: RecentFollowingRecentFollowingExpansionSource,

// activity based

recentFollowingSimilarUsersSource: RecentFollowingSimilarUsersSource,

recentEngagementSimilarUsersSource: RecentEngagementSimilarUsersSource,

repeatedProfileVisitsSource: RepeatedProfileVisitsSource,

// geo based

popCountrySource: PopCountrySource,

popGeohashSource: PopGeohashSource,

popCountryBackFillSource: PopCountryBackFillSource,

crowdSearchAccountsSource: CrowdSearchAccountsSource,

topOrganicFollowsAccountsSource: TopOrganicFollowsAccountsSource,

ppmiLocaleFollowSource: PPMILocaleFollowSource,

baseStatsReceiver: StatsReceiver)

extends CandidateSourceRegistry[ContentRecommenderRequest, CandidateUser] {

override val statsReceiver = baseStatsReceiver

.scope("content\_recommender\_flow", "candidate\_sources")

override val sources: Set[CandidateSource[ContentRecommenderRequest, CandidateUser]] = Seq(

forwardPhoneBookSource,

forwardEmailBookSource,

reversePhoneBookSource,

reverseEmailBookSource,

offlineStrongTiePredictionSource,

triangularLoopsSource,

userUserGraphCandidateSource,

realGraphOonSource,

recentFollowingRecentFollowingExpansionSource,

recentFollowingSimilarUsersSource,

recentEngagementSimilarUsersSource,

repeatedProfileVisitsSource,

popCountrySource,

popGeohashSource,

popCountryBackFillSource,

crowdSearchAccountsSource,

topOrganicFollowsAccountsSource,

ppmiLocaleFollowSource,

).toSet

}