package com.twitter.product\_mixer.component\_library.pipeline.candidate.flexible\_injection\_pipeline

import com.twitter.onboarding.task.service.thriftscala.GetInjectionsRequest

import com.twitter.onboarding.task.service.{thriftscala => servicethrift}

import com.twitter.product\_mixer.component\_library.candidate\_source.flexible\_injection\_pipeline.IntermediatePrompt

import com.twitter.product\_mixer.component\_library.candidate\_source.flexible\_injection\_pipeline.PromptCandidateSource

import com.twitter.product\_mixer.component\_library.decorator.urt.UrtItemCandidateDecorator

import com.twitter.product\_mixer.component\_library.decorator.urt.UrtMultipleModulesDecorator

import com.twitter.product\_mixer.component\_library.decorator.urt.builder.flexible\_injection\_pipeline.FlipPromptCandidateUrtItemBuilder

import com.twitter.product\_mixer.component\_library.decorator.urt.builder.flexible\_injection\_pipeline.FlipPromptModuleGrouping

import com.twitter.product\_mixer.component\_library.decorator.urt.builder.flexible\_injection\_pipeline.FlipPromptUrtModuleBuilder

import com.twitter.product\_mixer.component\_library.model.candidate.BasePromptCandidate

import com.twitter.product\_mixer.component\_library.pipeline.candidate.flexible\_injection\_pipeline.transformer.FlipCandidateFeatureTransformer

import com.twitter.product\_mixer.component\_library.pipeline.candidate.flexible\_injection\_pipeline.transformer.FlipQueryTransformer

import com.twitter.product\_mixer.component\_library.pipeline.candidate.flexible\_injection\_pipeline.transformer.HasFlipInjectionParams

import com.twitter.product\_mixer.component\_library.pipeline.candidate.flexible\_injection\_pipeline.transformer.PromptResultsTransformer

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

import com.twitter.product\_mixer.core.functional\_component.decorator.CandidateDecorator

import com.twitter.product\_mixer.core.functional\_component.transformer.CandidateFeatureTransformer

import com.twitter.product\_mixer.core.functional\_component.transformer.CandidatePipelineQueryTransformer

import com.twitter.product\_mixer.core.functional\_component.transformer.CandidatePipelineResultsTransformer

import com.twitter.product\_mixer.core.model.common.identifier.CandidatePipelineIdentifier

import com.twitter.product\_mixer.core.pipeline.PipelineQuery

import com.twitter.product\_mixer.core.pipeline.candidate.CandidatePipelineConfig

import com.twitter.timelines.configapi.FSParam

import com.twitter.timelines.configapi.decider.DeciderParam

/\*\*

\* A candidate pipeline for Flexible Injection Pipeline Candidates.

\* Fetches prompts from FLIP (inside onboarding-task-service).

\*/

class FlipPromptCandidatePipelineConfig[Query <: PipelineQuery with HasFlipInjectionParams](

override val identifier: CandidatePipelineIdentifier,

override val enabledDeciderParam: Option[DeciderParam[Boolean]],

override val supportedClientParam: Option[FSParam[Boolean]],

promptCandidateSource: PromptCandidateSource)

extends CandidatePipelineConfig[

Query,

servicethrift.GetInjectionsRequest,

IntermediatePrompt,

BasePromptCandidate[Any]

] {

override val candidateSource: CandidateSource[GetInjectionsRequest, IntermediatePrompt] =

promptCandidateSource

override val queryTransformer: CandidatePipelineQueryTransformer[Query, GetInjectionsRequest] =

FlipQueryTransformer

override val resultTransformer: CandidatePipelineResultsTransformer[

IntermediatePrompt,

BasePromptCandidate[Any]

] = PromptResultsTransformer

override val decorator: Option[

CandidateDecorator[Query, BasePromptCandidate[Any]]

] = Some(

UrtMultipleModulesDecorator(

urtItemCandidateDecorator = UrtItemCandidateDecorator(FlipPromptCandidateUrtItemBuilder()),

moduleBuilder = FlipPromptUrtModuleBuilder(),

groupByKey = FlipPromptModuleGrouping

))

override val featuresFromCandidateSourceTransformers: Seq[

CandidateFeatureTransformer[IntermediatePrompt]

] = Seq(FlipCandidateFeatureTransformer)

}