package com.twitter.product\_mixer.component\_library.decorator.slice

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

import com.twitter.product\_mixer.component\_library.model.presentation.slice.SliceItemPresentation

import com.twitter.product\_mixer.core.model.common.UniversalNoun

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

import com.twitter.product\_mixer.core.model.marshalling.response.slice.CursorItem

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

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

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

import com.twitter.product\_mixer.core.functional\_component.decorator.slice.builder.CandidateSliceItemBuilder

import com.twitter.product\_mixer.core.model.common.CandidateWithFeatures

import com.twitter.stitch.Stitch

/\*\*

\* Adds a [[Decoration]] for all `candidates` that are [[CursorCandidate]]s

\*

\* @note Only [[CursorCandidate]]s get decorated in [[SliceItemCandidateDecorator]]

\* because the [[com.twitter.product\_mixer.component\_library.premarshaller.slice.SliceDomainMarshaller]]

\* handles the undecorated non-[[CursorCandidate]] `candidates` directly.

\*/

case class SliceItemCandidateDecorator[Query <: PipelineQuery, Candidate <: UniversalNoun[Any]](

cursorBuilder: CandidateSliceItemBuilder[Query, CursorCandidate, CursorItem],

override val identifier: DecoratorIdentifier = DecoratorIdentifier("SliceItemCandidate"))

extends CandidateDecorator[Query, Candidate] {

override def apply(

query: Query,

candidates: Seq[CandidateWithFeatures[Candidate]]

): Stitch[Seq[Decoration]] = {

val cursorPresentations = candidates.collect {

case CandidateWithFeatures(candidate: CursorCandidate, features) =>

val cursorItem = cursorBuilder(query, candidate, features)

val presentation = SliceItemPresentation(sliceItem = cursorItem)

Decoration(candidate, presentation)

}

Stitch.value(cursorPresentations)

}

}