package com.twitter.tweetypie

package hydrator

import com.twitter.tweetypie.core.\_

import com.twitter.tweetypie.repository.\_

import com.twitter.tweetypie.thriftscala.EscherbirdEntityAnnotations

import com.twitter.tweetypie.thriftscala.FieldByPath

object EscherbirdAnnotationHydrator {

type Type = ValueHydrator[Option[EscherbirdEntityAnnotations], Tweet]

val hydratedField: FieldByPath = fieldByPath(Tweet.EscherbirdEntityAnnotationsField)

def apply(repo: EscherbirdAnnotationRepository.Type): Type =

ValueHydrator[Option[EscherbirdEntityAnnotations], Tweet] { (curr, tweet) =>

repo(tweet).liftToTry.map {

case Return(Some(anns)) => ValueState.modified(Some(anns))

case Return(None) => ValueState.unmodified(curr)

case Throw(\_) => ValueState.partial(curr, hydratedField)

}

}

}