package com.twitter.tweetypie

package hydrator

import com.twitter.tweetypie.core.\_

import com.twitter.tweetypie.repository.\_

import com.twitter.tweetypie.thriftscala.\_

object LanguageHydrator {

type Type = ValueHydrator[Option[Language], TweetCtx]

val hydratedField: FieldByPath = fieldByPath(Tweet.LanguageField)

private[this] def isApplicable(curr: Option[Language], ctx: TweetCtx) =

ctx.tweetFieldRequested(Tweet.LanguageField) && !ctx.isRetweet && curr.isEmpty

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

ValueHydrator[Option[Language], TweetCtx] { (langOpt, ctx) =>

repo(ctx.text).liftToTry.map {

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

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

case Throw(\_) => ValueState.partial(None, hydratedField)

}

}.onlyIf((curr, ctx) => isApplicable(curr, ctx))

}