package com.twitter.visibility.builder.users

import com.twitter.finagle.stats.Counter

import com.twitter.gizmoduck.thriftscala.Perspective

import com.twitter.gizmoduck.thriftscala.User

import com.twitter.stitch.Stitch

import com.twitter.visibility.common.UserId

case object ViewerVerbsAuthor {

def apply(

authorId: UserId,

viewerIdOpt: Option[UserId],

relationship: (UserId, UserId) => Stitch[Boolean],

relationshipCounter: Counter

): Stitch[Boolean] = {

relationshipCounter.incr()

viewerIdOpt match {

case Some(viewerId) => relationship(viewerId, authorId)

case \_ => Stitch.False

}

}

def apply(

author: User,

viewerId: Option[UserId],

checkPerspective: Perspective => Option[Boolean],

relationship: (UserId, UserId) => Stitch[Boolean],

relationshipCounter: Counter

): Stitch[Boolean] = {

author.perspective match {

case Some(perspective) =>

checkPerspective(perspective) match {

case Some(status) =>

relationshipCounter.incr()

Stitch.value(status)

case None =>

ViewerVerbsAuthor(author.id, viewerId, relationship, relationshipCounter)

}

case None => ViewerVerbsAuthor(author.id, viewerId, relationship, relationshipCounter)

}

}

}

case object AuthorVerbsViewer {

def apply(

authorId: UserId,

viewerIdOpt: Option[UserId],

relationship: (UserId, UserId) => Stitch[Boolean],

relationshipCounter: Counter

): Stitch[Boolean] = {

relationshipCounter.incr()

viewerIdOpt match {

case Some(viewerId) => relationship(authorId, viewerId)

case \_ => Stitch.False

}

}

def apply(

author: User,

viewerId: Option[UserId],

checkPerspective: Perspective => Option[Boolean],

relationship: (UserId, UserId) => Stitch[Boolean],

relationshipCounter: Counter

): Stitch[Boolean] = {

author.perspective match {

case Some(perspective) =>

checkPerspective(perspective) match {

case Some(status) =>

relationshipCounter.incr()

Stitch.value(status)

case None =>

AuthorVerbsViewer(author.id, viewerId, relationship, relationshipCounter)

}

case None => AuthorVerbsViewer(author.id, viewerId, relationship, relationshipCounter)

}

}

}