package com.twitter.visibility.rules

import com.twitter.visibility.rules.Condition.ViewerHasAdultMediaSettingLevel

import com.twitter.visibility.rules.Condition.ViewerHasViolentMediaSettingLevel

import com.twitter.visibility.rules.Condition.ViewerHasOtherSensitiveMediaSettingLevel

import com.twitter.visibility.rules.Condition.LoggedInViewer

import com.twitter.visibility.rules.Condition.LoggedOutViewer

import com.twitter.visibility.rules.Condition.TweetHasNsfwUserAuthor

import com.twitter.visibility.rules.Condition.TweetHasNsfwAdminAuthor

import com.twitter.visibility.rules.Condition.And

import com.twitter.visibility.rules.Condition.Or

import com.twitter.visibility.rules.Condition.Not

import com.twitter.visibility.rules.Condition.NonAuthorViewer

import com.twitter.visibility.rules.Condition.TweetHasMedia

import com.twitter.visibility.rules.Reason.Nsfw

import com.twitter.visibility.models.TweetSafetyLabelType

import com.twitter.contenthealth.sensitivemediasettings.thriftscala.SensitiveMediaSettingsLevel

abstract class AdultMediaTweetLabelDropRule(tweetSafetyLabelType: TweetSafetyLabelType)

extends ConditionWithTweetLabelRule(

Drop(Nsfw),

And(LoggedInViewer, ViewerHasAdultMediaSettingLevel(SensitiveMediaSettingsLevel.Drop)),

tweetSafetyLabelType

)

abstract class ViolentMediaTweetLabelDropRule(tweetSafetyLabelType: TweetSafetyLabelType)

extends ConditionWithTweetLabelRule(

Drop(Nsfw),

And(LoggedInViewer, ViewerHasViolentMediaSettingLevel(SensitiveMediaSettingsLevel.Drop)),

tweetSafetyLabelType

)

abstract class OtherSensitiveMediaTweetLabelDropRule(condition: Condition)

extends RuleWithConstantAction(

Drop(Nsfw),

And(

condition,

And(

TweetHasMedia,

LoggedInViewer,

ViewerHasOtherSensitiveMediaSettingLevel(SensitiveMediaSettingsLevel.Drop)))

)

abstract class AdultMediaTweetLabelInterstitialRule(tweetSafetyLabelType: TweetSafetyLabelType)

extends ConditionWithTweetLabelRule(

Interstitial(Nsfw),

Or(

LoggedOutViewer,

ViewerHasAdultMediaSettingLevel(SensitiveMediaSettingsLevel.Warn),

Not(ViewerHasAdultMediaSettingLevel(SensitiveMediaSettingsLevel.Allow))

),

tweetSafetyLabelType

)

abstract class ViolentMediaTweetLabelInterstitialRule(tweetSafetyLabelType: TweetSafetyLabelType)

extends ConditionWithTweetLabelRule(

Interstitial(Nsfw),

Or(

LoggedOutViewer,

ViewerHasViolentMediaSettingLevel(SensitiveMediaSettingsLevel.Warn),

Not(ViewerHasViolentMediaSettingLevel(SensitiveMediaSettingsLevel.Allow))

),

tweetSafetyLabelType

)

abstract class OtherSensitiveMediaTweetLabelInterstitialRule(condition: Condition)

extends RuleWithConstantAction(

Interstitial(Nsfw),

And(

condition,

TweetHasMedia,

Or(

LoggedOutViewer,

ViewerHasOtherSensitiveMediaSettingLevel(SensitiveMediaSettingsLevel.Warn)

)

)

)

abstract class AdultMediaTweetLabelDropSettingLevelTombstoneRule(

tweetSafetyLabelType: TweetSafetyLabelType)

extends ConditionWithTweetLabelRule(

Tombstone(Epitaph.AdultMedia),

And(

LoggedInViewer,

NonAuthorViewer,

ViewerHasAdultMediaSettingLevel(SensitiveMediaSettingsLevel.Drop)),

tweetSafetyLabelType

)

abstract class ViolentMediaTweetLabelDropSettingLevelTombstoneRule(

tweetSafetyLabelType: TweetSafetyLabelType)

extends ConditionWithTweetLabelRule(

Tombstone(Epitaph.ViolentMedia),

And(

LoggedInViewer,

NonAuthorViewer,

ViewerHasViolentMediaSettingLevel(SensitiveMediaSettingsLevel.Drop)),

tweetSafetyLabelType

)

abstract class OtherSensitiveMediaTweetLabelDropSettingLevelTombstoneRule(condition: Condition)

extends RuleWithConstantAction(

Tombstone(Epitaph.OtherSensitiveMedia),

And(

condition,

And(

TweetHasMedia,

LoggedInViewer,

NonAuthorViewer,

ViewerHasOtherSensitiveMediaSettingLevel(SensitiveMediaSettingsLevel.Drop))

)

)

case object SensitiveMediaTweetDropRules {

object AdultMediaNsfwHighPrecisionTweetLabelDropRule

extends AdultMediaTweetLabelDropRule(

TweetSafetyLabelType.NsfwHighPrecision

)

object AdultMediaNsfwCardImageTweetLabelDropRule

extends AdultMediaTweetLabelDropRule(

TweetSafetyLabelType.NsfwCardImage

)

object AdultMediaNsfwReportedHeuristicsTweetLabelDropRule

extends AdultMediaTweetLabelDropRule(

TweetSafetyLabelType.NsfwReportedHeuristics

)

object AdultMediaNsfwVideoTweetLabelDropRule

extends AdultMediaTweetLabelDropRule(

TweetSafetyLabelType.NsfwVideo

)

object AdultMediaNsfwHighRecallTweetLabelDropRule

extends AdultMediaTweetLabelDropRule(

TweetSafetyLabelType.NsfwHighRecall

)

object AdultMediaNsfwTextTweetLabelDropRule

extends AdultMediaTweetLabelDropRule(

TweetSafetyLabelType.NsfwText

)

object ViolentMediaGoreAndViolenceHighPrecisionDropRule

extends ViolentMediaTweetLabelDropRule(

TweetSafetyLabelType.GoreAndViolenceHighPrecision

)

object ViolentMediaGoreAndViolenceReportedHeuristicsDropRule

extends ViolentMediaTweetLabelDropRule(

TweetSafetyLabelType.GoreAndViolenceReportedHeuristics

)

object OtherSensitiveMediaNsfwUserTweetFlagDropRule

extends OtherSensitiveMediaTweetLabelDropRule(

TweetHasNsfwUserAuthor

)

object OtherSensitiveMediaNsfwAdminTweetFlagDropRule

extends OtherSensitiveMediaTweetLabelDropRule(

TweetHasNsfwAdminAuthor

)

}

case object SensitiveMediaTweetInterstitialRules {

object AdultMediaNsfwHighPrecisionTweetLabelInterstitialRule

extends AdultMediaTweetLabelInterstitialRule(

TweetSafetyLabelType.NsfwHighPrecision

)

with DoesLogVerdict

object AdultMediaNsfwCardImageTweetLabelInterstitialRule

extends AdultMediaTweetLabelInterstitialRule(

TweetSafetyLabelType.NsfwCardImage

)

object AdultMediaNsfwReportedHeuristicsTweetLabelInterstitialRule

extends AdultMediaTweetLabelInterstitialRule(

TweetSafetyLabelType.NsfwReportedHeuristics

)

object AdultMediaNsfwVideoTweetLabelInterstitialRule

extends AdultMediaTweetLabelInterstitialRule(

TweetSafetyLabelType.NsfwVideo

)

object AdultMediaNsfwHighRecallTweetLabelInterstitialRule

extends AdultMediaTweetLabelInterstitialRule(

TweetSafetyLabelType.NsfwHighRecall

)

object AdultMediaNsfwTextTweetLabelInterstitialRule

extends AdultMediaTweetLabelInterstitialRule(

TweetSafetyLabelType.NsfwText

)

object ViolentMediaGoreAndViolenceHighPrecisionInterstitialRule

extends ViolentMediaTweetLabelInterstitialRule(

TweetSafetyLabelType.GoreAndViolenceHighPrecision

)

with DoesLogVerdict

object ViolentMediaGoreAndViolenceReportedHeuristicsInterstitialRule

extends ViolentMediaTweetLabelInterstitialRule(

TweetSafetyLabelType.GoreAndViolenceReportedHeuristics

)

object OtherSensitiveMediaNsfwUserTweetFlagInterstitialRule

extends OtherSensitiveMediaTweetLabelInterstitialRule(

TweetHasNsfwUserAuthor

)

object OtherSensitiveMediaNsfwAdminTweetFlagInterstitialRule

extends OtherSensitiveMediaTweetLabelInterstitialRule(

TweetHasNsfwAdminAuthor

)

}

case object SensitiveMediaTweetDropSettingLevelTombstoneRules {

object AdultMediaNsfwHighPrecisionTweetLabelDropSettingLevelTombstoneRule

extends AdultMediaTweetLabelDropSettingLevelTombstoneRule(

TweetSafetyLabelType.NsfwHighPrecision

)

object AdultMediaNsfwCardImageTweetLabelDropSettingLevelTombstoneRule

extends AdultMediaTweetLabelDropSettingLevelTombstoneRule(

TweetSafetyLabelType.NsfwCardImage

)

object AdultMediaNsfwReportedHeuristicsTweetLabelDropSettingLevelTombstoneRule

extends AdultMediaTweetLabelDropSettingLevelTombstoneRule(

TweetSafetyLabelType.NsfwReportedHeuristics

)

object AdultMediaNsfwVideoTweetLabelDropSettingLevelTombstoneRule

extends AdultMediaTweetLabelDropSettingLevelTombstoneRule(

TweetSafetyLabelType.NsfwVideo

)

object AdultMediaNsfwHighRecallTweetLabelDropSettingLevelTombstoneRule

extends AdultMediaTweetLabelDropSettingLevelTombstoneRule(

TweetSafetyLabelType.NsfwHighRecall

)

object AdultMediaNsfwTextTweetLabelDropSettingLevelTombstoneRule

extends AdultMediaTweetLabelDropSettingLevelTombstoneRule(

TweetSafetyLabelType.NsfwText

)

object ViolentMediaGoreAndViolenceHighPrecisionDropSettingLeveTombstoneRule

extends ViolentMediaTweetLabelDropSettingLevelTombstoneRule(

TweetSafetyLabelType.GoreAndViolenceHighPrecision

)

object ViolentMediaGoreAndViolenceReportedHeuristicsDropSettingLevelTombstoneRule

extends ViolentMediaTweetLabelDropSettingLevelTombstoneRule(

TweetSafetyLabelType.GoreAndViolenceReportedHeuristics

)

object OtherSensitiveMediaNsfwUserTweetFlagDropSettingLevelTombstoneRule

extends OtherSensitiveMediaTweetLabelDropSettingLevelTombstoneRule(

TweetHasNsfwUserAuthor

)

object OtherSensitiveMediaNsfwAdminTweetFlagDropSettingLevelTombstoneRule

extends OtherSensitiveMediaTweetLabelDropSettingLevelTombstoneRule(

TweetHasNsfwAdminAuthor

)

}