package com.twitter.timelineranker.util

import com.twitter.timelines.model.TweetId

import com.twitter.timelines.model.UserId

import com.twitter.timelines.model.tweet.HydratedTweet

object ReverseExtendedRepliesFilter {

private[util] def isQualifiedReverseExtendedReply(

tweet: HydratedTweet,

currentUserId: UserId,

followedUserIds: Seq[UserId],

mutedUserIds: Set[UserId],

sourceTweetsById: Map[TweetId, HydratedTweet]

): Boolean = {

// tweet author is out of the current user's network

!followedUserIds.contains(tweet.userId) &&

// tweet author is not muted

!mutedUserIds.contains(tweet.userId) &&

// tweet is not a retweet

!tweet.isRetweet &&

// there must be a source tweet

tweet.inReplyToTweetId

.flatMap(sourceTweetsById.get)

.filter { sourceTweet =>

(!sourceTweet.isRetweet) && // and it's not a retweet

(!sourceTweet.hasReply) && // and it's not a reply

(sourceTweet.userId != 0) && // and the author's id must be non zero

followedUserIds.contains(sourceTweet.userId) // and the author is followed

} // and the author has not been muted

.exists(sourceTweet => !mutedUserIds.contains(sourceTweet.userId))

}

}