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//author(s): Jimmie Potts, Alan Birmaher
package com.cyf.challengeyourfriends;

import twitter4j.Twitter;
import twitter4j.TwitterException;
import twitter4j.TwitterFactory;
import twitter4j.auth.AccessToken;
import twitter4j.auth.RequestToken;
import twitter4j.conf.Configuration;
import twitter4j.conf.ConfigurationBuilder;

public final class TwitterUtil {
    private RequestToken requestToken = null;
    private TwitterFactory twitterFactory = null;
    private Twitter twitter;

    private static TwitterUtil instance = new TwitterUtil();

    private TwitterUtil() {
        ConfigurationBuilder configurationBuilder = new ConfigurationBuilder();
        configurationBuilder.setOAuthConsumerKey(ConstantValues.
            TWITTER_CONSUMER_KEY);
        configurationBuilder.setOAuthConsumerSecret(ConstantValues.
            TWITTER_CONSUMER_SECRET);
        Configuration configuration = configurationBuilder.build();
        twitterFactory = new TwitterFactory(configuration);
        twitter = twitterFactory.getInstance();
    }

    public TwitterFactory getTwitterFactory() {
        return twitterFactory;
    }

    public void setTwitterFactory(AccessToken accessToken) {
        twitter = twitterFactory.getInstance(accessToken);
    }

    public Twitter getTwitter() {
        return twitter;
    }

    public RequestToken getRequestToken() {
        if (requestToken == null) {
            try {
                requestToken = twitterFactory.getInstance().getOAuthRequestToken
                    (ConstantValues.TWITTER_CALLBACK_URL);
            } catch (TwitterException e) {
                e.printStackTrace(); //To change body of catch statement use
                File | Settings | File Templates.
            }
        }
        return requestToken;
    }

    public static TwitterUtil getInstance() {
        return instance;
    }
}
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    }  
    public void reset() {  
        instance = new TwitterUtil();  
    }  
}
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