

Social Payments - Twitter Setup Guide
Oracle Banking Digital Experience
Release 21.1.0.0.0

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ORACLE®

Social Payments - Twitter Setup Guide

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1. Preface

1.1 Intended Audience

This document is intended for the following audience:

- Customers
- Partners

1.2 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

1.3 Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

1.4 Structure

This manual is organized into the following categories:

Preface gives information on the intended audience. It also describes the overall structure of the User Manual.

The subsequent chapters describes following details:

- Introduction
- Preferences & Database
- Configuration / Installation.

1.5 Related Information Sources

For more information on Oracle Banking Digital Experience Release 21.1.0.0.0, refer to the following documents:

- Oracle Banking Digital Experience Installation Manuals

2. Social Payments - Twitter

A Social Payment involves the transfer of money to an individual via social media. Social payments simplify digital payments by affording the initiator of the payment, the convenience of not having to know or remember the recipient's account information.

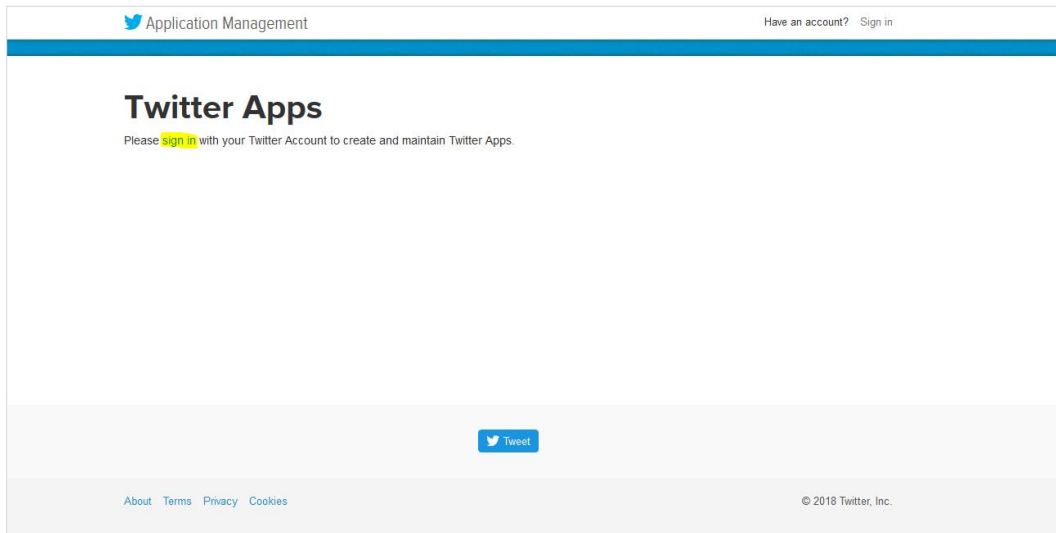
This document defines the means by which Twitter can be enabled as a mode under OBDX Peer to Peer Payments, by selecting which, retail users can initiate transfers towards Twitter Handles.

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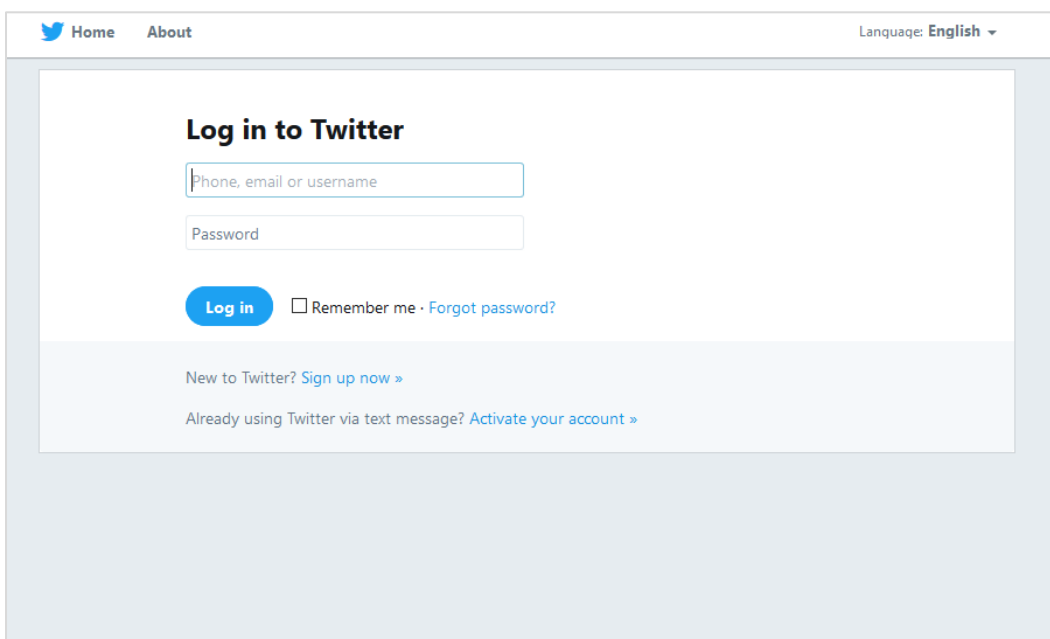
3. Twitter Console Configurations

This section documents the steps involved in enabling Twitter as a made for Peer to Peer payments in OBDX.

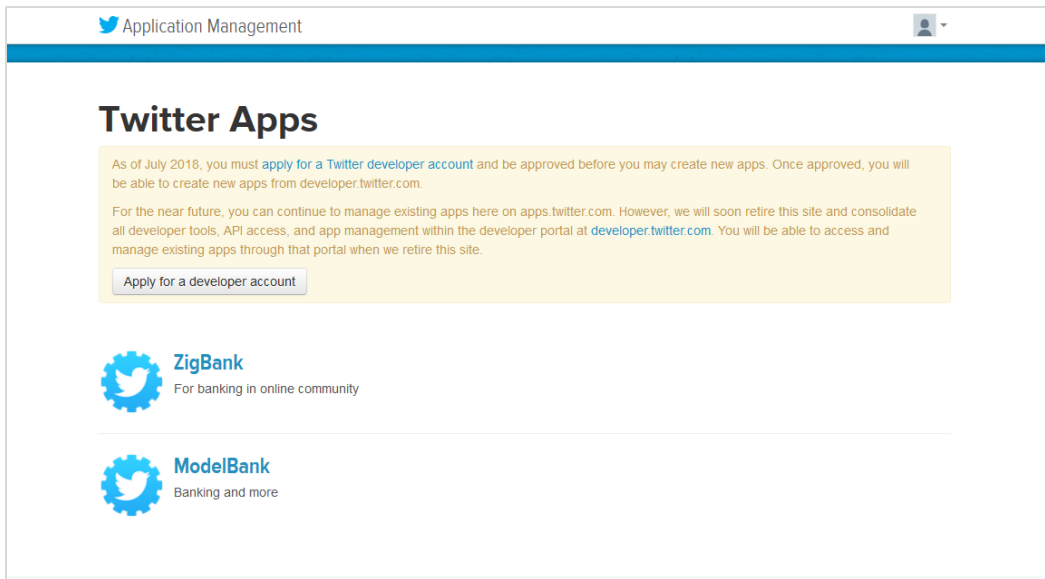
1. Navigate to the Twitter Application Management page - <https://apps.twitter.com/>
2. Click on the **sign in** link to login to the twitter account with which the app is associated.



3. Login to the bank's Twitter account by entering user ID and password of the associated account in the provided fields. (The bank is required to have a twitter account.)

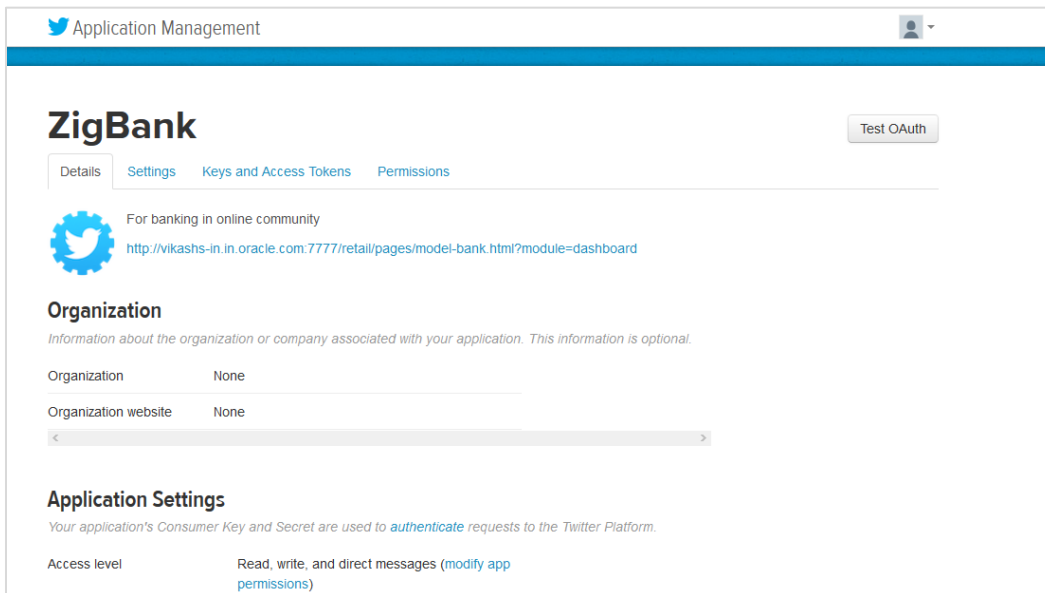


- You will then be redirected to the Application Management page that lists the apps that have been made by the logged in user.



The screenshot shows the 'Application Management' page in the Twitter developer console. At the top, there is a header with the Twitter logo and the text 'Application Management'. Below the header, the main heading is 'Twitter Apps'. A yellow informational box contains text about the July 2018 update regarding developer accounts and a button labeled 'Apply for a developer account'. Below this, two apps are listed: 'ZigBank' with the description 'For banking in online community' and 'ModelBank' with the description 'Banking and more'. Each app has a Twitter logo icon.

- Select the app for which the setup needs to be configured. A new app will have to be created if this page is being accessed for the first time. After selecting an app, the menu page of that app will be displayed.



The screenshot shows the configuration page for the 'ZigBank' app. The header includes the Twitter logo and 'Application Management'. The app name 'ZigBank' is prominently displayed, along with a 'Test OAuth' button. Below the app name, there are tabs for 'Details', 'Settings', 'Keys and Access Tokens', and 'Permissions'. The 'Settings' tab is active. The page shows the app's description 'For banking in online community' and a URL: 'http://vikashs-in.in.oracle.com:7777/retail/pages/model-bank.html?module=dashboard'. Under the 'Organization' section, there are fields for 'Organization' (set to 'None') and 'Organization website' (set to 'None'). The 'Application Settings' section shows the 'Access level' set to 'Read, write, and direct messages (modify app permissions)'.

- Click on the **Settings** tab to define Callback URLs, the Client's App Website and other information.

The screenshot shows the 'ZigBank' application settings in the Twitter console. The 'Settings' tab is active, and the 'Application Details' section is visible. The form contains the following fields and values:

- Name:** ZigBank
- Description:** For banking in online community
- Website:** http://vikashs-in.in.oracle.com:7777/retail/pages/model-bank.html?module=dash
- Callback URLs:**
 - http://localhost:7779/digx-social/callback
 - http://5e70788d.ngrok.io/digx-social/callback

Enter a name to be associated with the app in the **Name** field. Add a description of the app in the **Description** field. Enter the app's website and the callback URIs in the **Website** and **Callback URLs** fields respectively. All these parameters are mandatory for the client's app to authorize the user. The name, description and website as entered in these fields is displayed when the user is authorizing the app. Callback is required to redirect the user after signing in and authorizing the app.

Enter URL as -

https://<bankDomain>/digx-social/callback

Only one call back URL is sufficient. Multiple URLs (upto 10) can be added in case of production, UAT setup etc.

Additionally, if provided, add the links for Privacy Policy and Terms of Service by scrolling down. Also add the Application Icon that will be displayed to the user while authorizing the App. Add Client's name and the website to be displayed to the user at the time of authorization.

Additionally, the bank's icon can be uploaded against the **Application Icon** option, which will be displayed when user logs in to his/her twitter account.


Privacy Policy URL

The URL for your application or service's privacy policy. The URL will be shared with users authorizing this application.

Terms of Service URL

The URL for your application or service's terms of service. The URL will be shared with users authorizing this application.

Allow this application to be used to [Sign in with Twitter](#)

Application Icon
 **Change icon**
 No file selected.
Maximum size of 700k. JPG, GIF, PNG.

Organization
Organization name

The organization or company behind this application, if any.

Organization website

The organization or company behind this application's web page, if any.

7. Update the settings by scrolling further down and clicking on the **Update Settings** button.

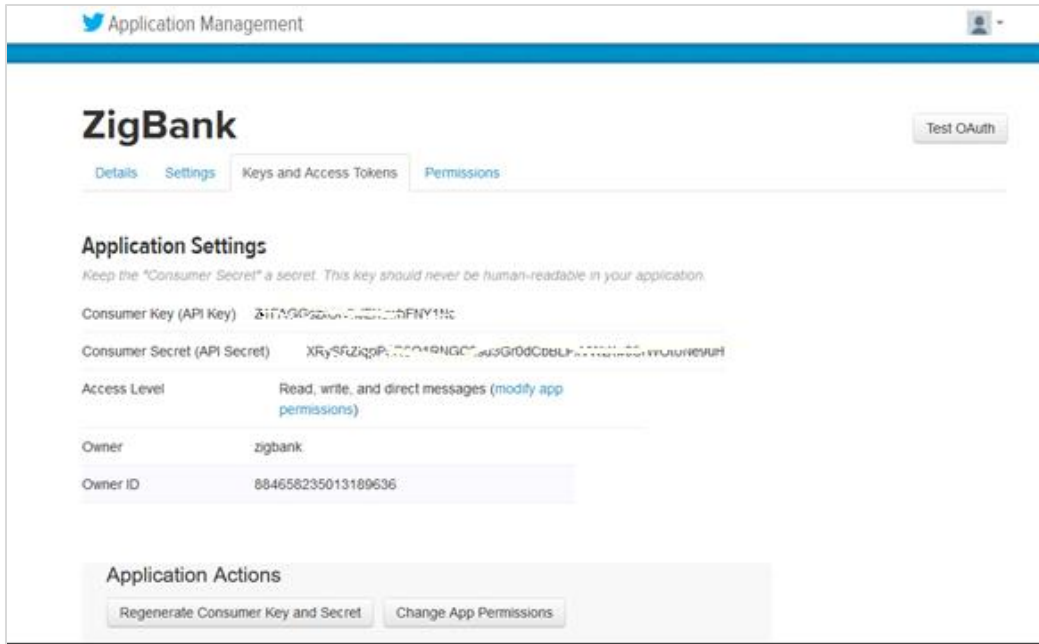
Organization
Organization name

The organization or company behind this application, if any.

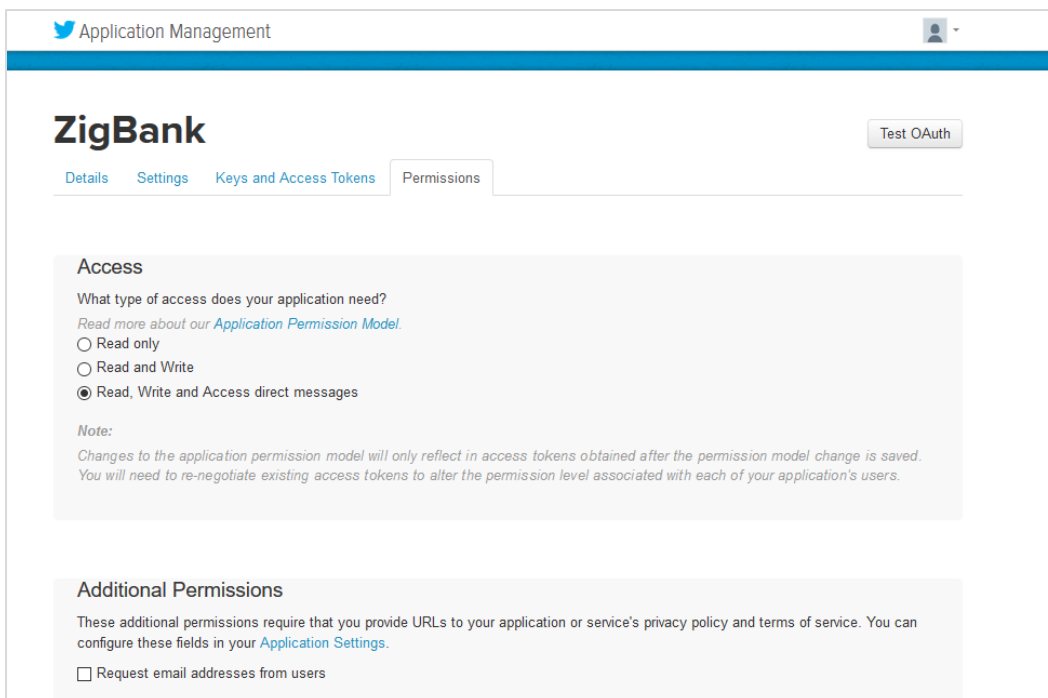
Organization website

The organization or company behind this application's web page, if any.

8. Click on the **Keys and Access Token** tab to access the app's consumer key/secret and access key/secret. The Consumer Key and Consumer Secret with owner name and owner ID are displayed. On scrolling down, you will be able to view the Access Token and Access Token Secret. Note and save this access token and secret. Never share the app's consumer secret and access secret.



9. Click on the **Permissions** tab to set the permissions required by the app that is best suited for optimum functioning.



10. For a better understanding of the **Access** permission that suits the app, click on the **Application Permission Model** link. Check the **Additional Permissions** check box, if required.

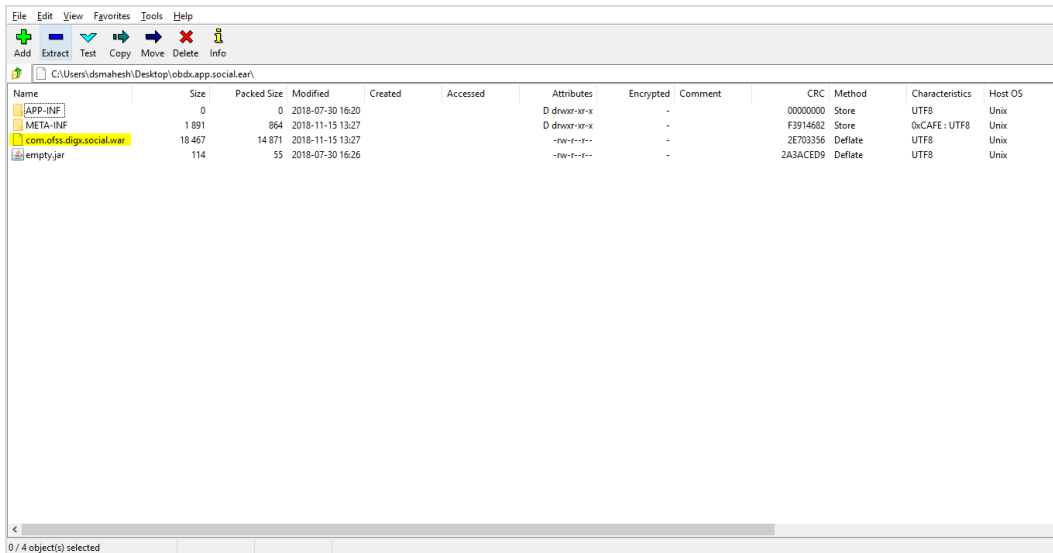
Whenever the permission level is changed, the keys and tokens must be regenerated in order for the change to be visible.

This implicitly means that the client must make its users reauthorize the app using the new keys and secret.

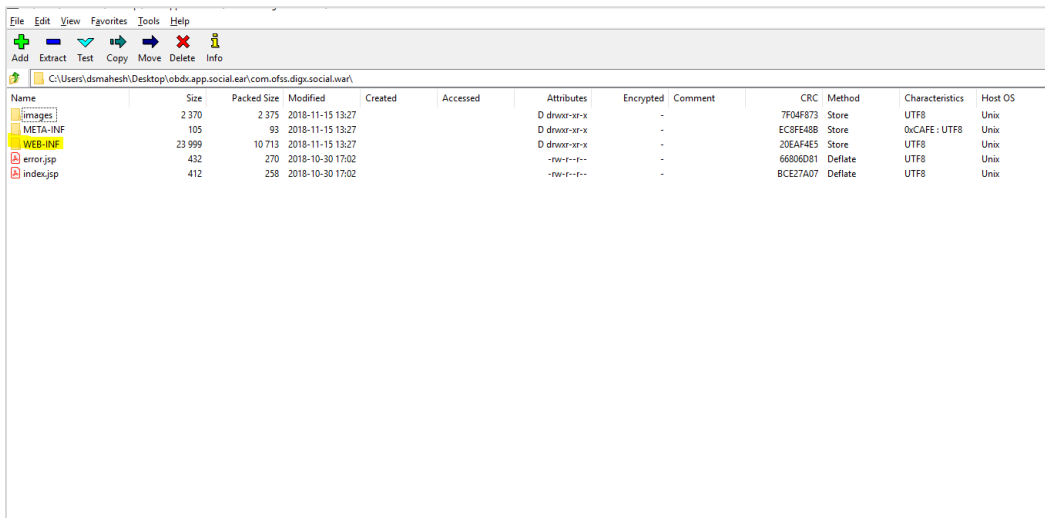
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4. OBDX Configurations

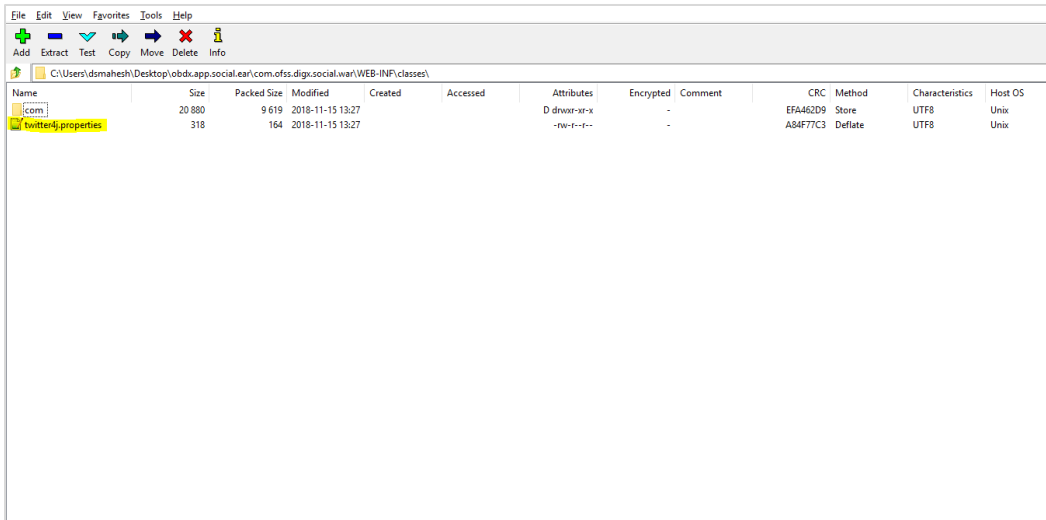
1. Open the EAR “obdx.app.social.ear” to configure the Consumer Keys and Secret.



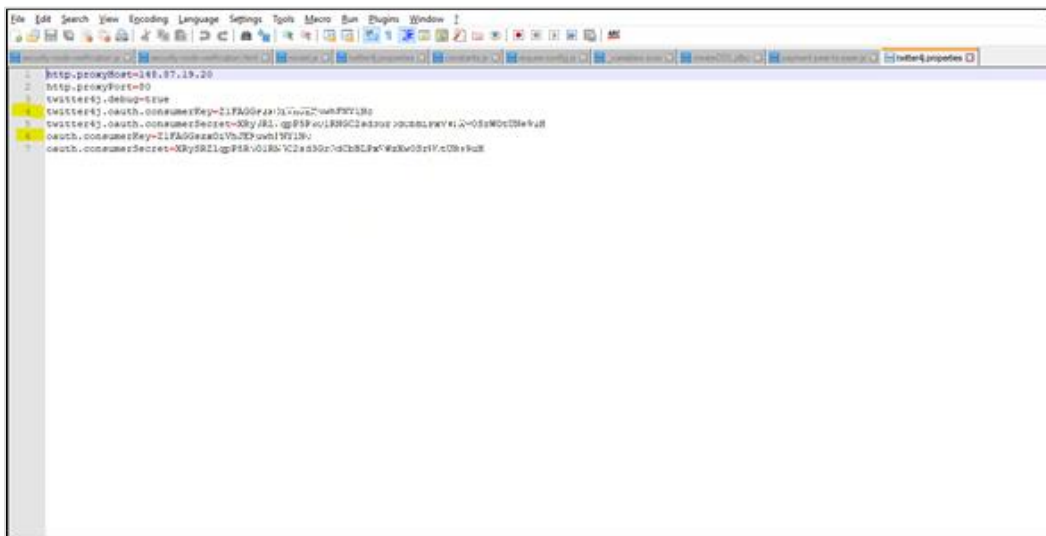
2. Open “obdx.app.social.war”



3. Open “WEB-INF” and open “classes”. You will get “twitter4j.properties”. Open the File.



- Put in the consumer key and secret generated in Section 3 at shown below. The OBDX server needs access to the twitter URL. If proxy is required, configure proxy settings as shown below:



- After configuring the “twitter4j.properties” file, save and close it. Re-deploy the EAR on to the server with the changes.

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