

# TWITTER BY JAVA

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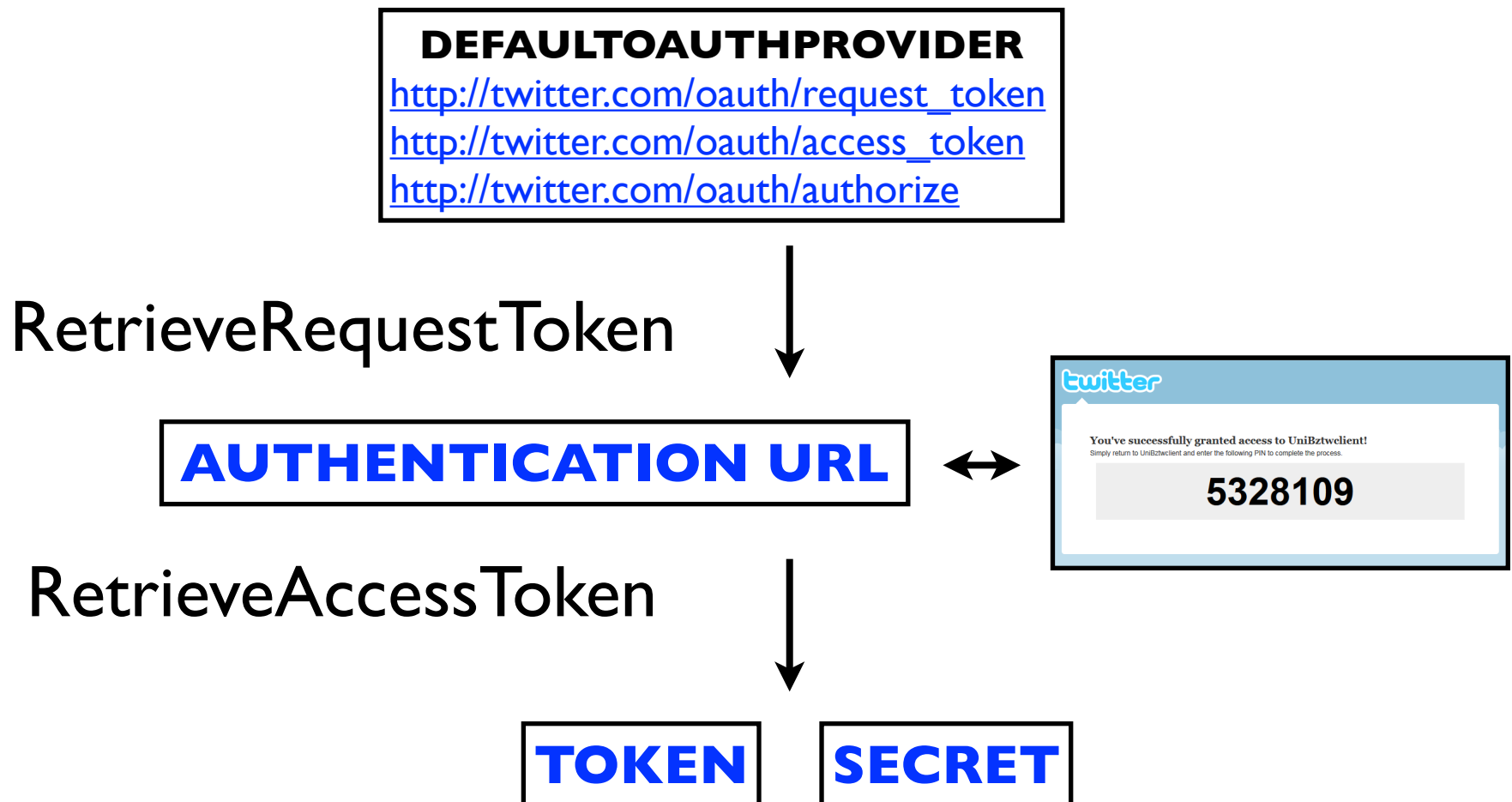
1. Authentication Issue
2. Retrieving Information
3. Demo



# I. Authentication

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## I. OAuth to grant access



# 2. Retrieving Info (1/4)

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## GET TWEETS

URL: [http://api.twitter.com/1/statuses/home\\_timeline.xml?count=21](http://api.twitter.com/1/statuses/home_timeline.xml?count=21)

RESPONSE:

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <statuses type="array">
3    <status>
4      <created_at>Fri Jul 16 16:58:46 +0000 2010</created_at>
5      <id>18700887835</id>
6      <text>got a lovely surprise from @craftybeans. She
7      <source>web</source>
8      <truncated>>false</truncated>
9      <in_reply_to_status_id></in_reply_to_status_id>
10     <in_reply_to_user_id></in_reply_to_user_id>
11     <favorited>>false</favorited>
```

## 2. Retrieving Info (2/4)

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### UPDATE STATUS

URL: <http://api.twitter.com/1/statuses/update.xml?status='nice twitter'>

URL CORRECTNESS:

```
private static String urlEncoder(String url){  
    String encodedData=null;  
    try {  
        encodedData = URLEncoder.encode(url, "UTF-8");  
    } catch (UnsupportedEncodingException e) {  
        e.printStackTrace();  
    }  
    return encodedData;  
}
```

## 2. Retrieving Info (3/4)

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### GET FOLLOWING / GET FOLLOWER

URL: <http://api.twitter.com/1/friends/ids.xml>

URL: [http://api.twitter.com/1/users/show.xml?user\\_id=625382](http://api.twitter.com/1/users/show.xml?user_id=625382)

RESPONSE:

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <user>
3    <id>6253282</id>
4    <name>Twitter API</name>
5    <screen_name>twitterapi</screen_name>
6    <location>San Francisco, CA</location>
7    <description>The Real Twitter API. I tweet about API changes,
8    <profile_image_url>http://a3.twimg.com/profile_images/6896843
9    <url>http://apiwiki.twitter.com</url>
10   <protected>>false</protected>
11   <followers_count>160752</followers_count>
12   <profile_background_color>c1dfee</profile_background_color>
```

## 2. Retrieving Info (4/4)

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### FOLLOW USER / UNFOLLOW USER

URL: [http://api.twitter.com/1/friendships/create.xml?screen\\_name=dougw](http://api.twitter.com/1/friendships/create.xml?screen_name=dougw)

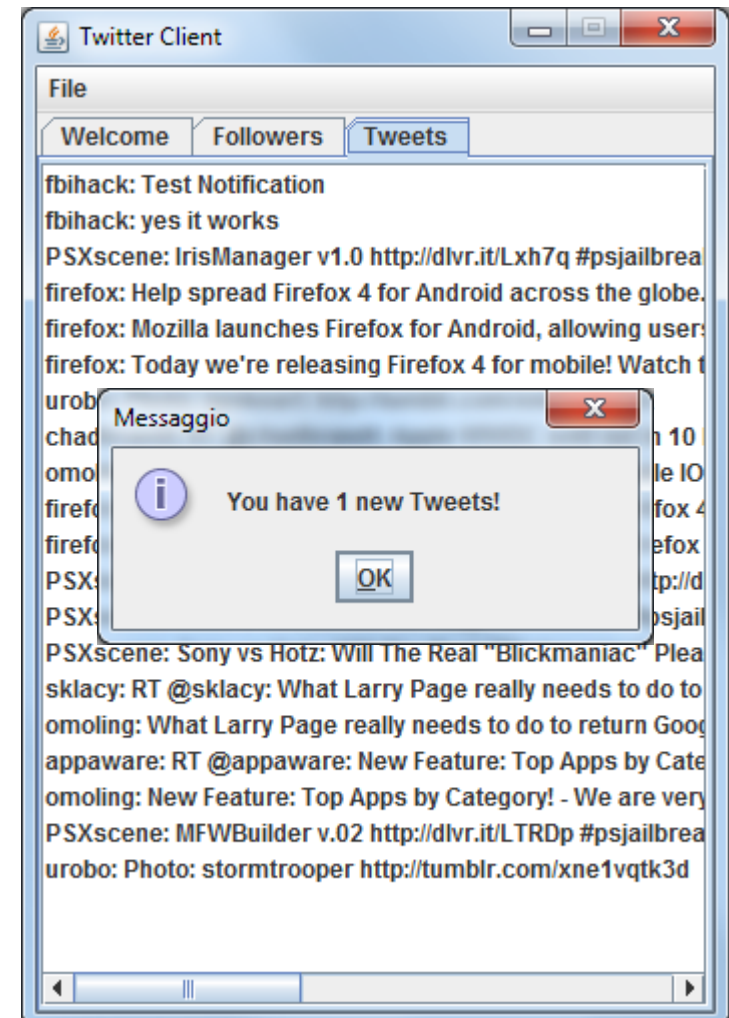
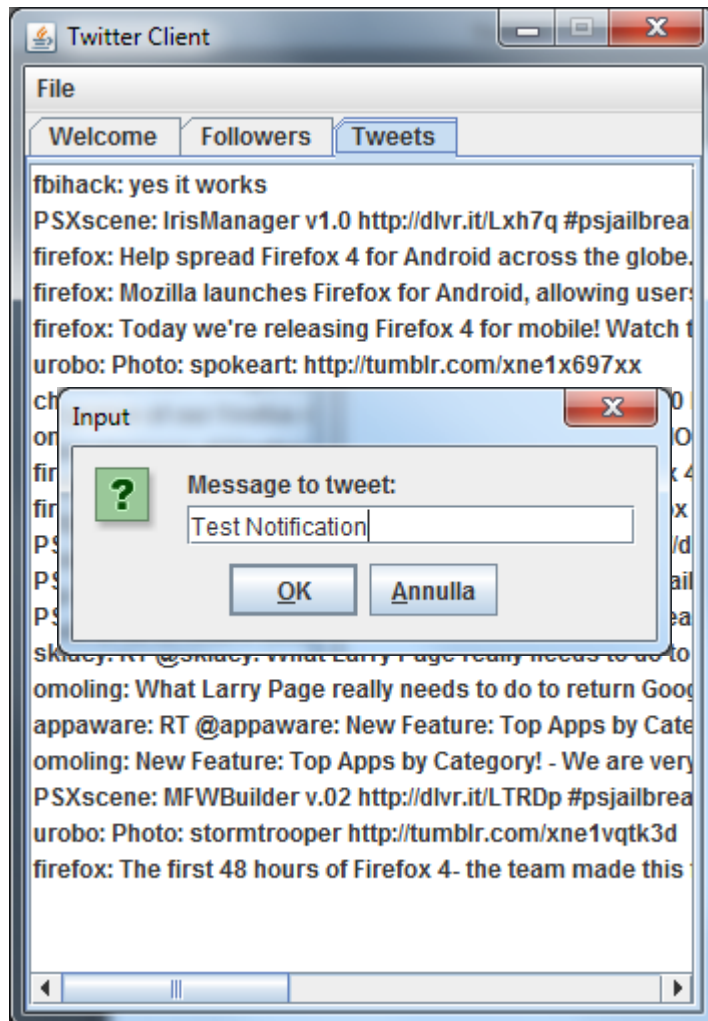
URL: [http://api.twitter.com/1/friendships/destroy.xml?screen\\_name=dougw](http://api.twitter.com/1/friendships/destroy.xml?screen_name=dougw)

RESPONSE:

```
2  <?xml version="1.0" encoding="UTF-8"?>
3  <user>
4    <id>1401881</id>
5    <name>Doug Williams</name>
6    <screen_name>dougw</screen_name>
7    <location>San Francisco, CA</location>
8    <description>Twitter API Support. Internet, greed, users, dougw and
9    <profile_image_url>http://s3.amazonaws.com/twitter_production/prof
10   <url>http://www.igudo.com</url>
11   <protected>>false</protected>
12   <followers_count>1031</followers_count>
13   <profile_background_color>9ae4e8</profile_background_color>
```

# 3. Java Twitter - Demo

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THANK YOU

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