EXPERIMENT-8: Dropbox/Google Drive- creation and usage [SaaS]

Screenshots:

Desktop - Java-Dropbox-API-Full-Tutorial/src/main/java/com/goxr3plus/javadropboxtutorial/application/Main.java - Eclipse IDE

Package Explorer ⊠
- Java-Dropbox-API-Full-Tutorial
  - src
    - assembly
    - main.java.com.goxr3plus.javadropboxtutorial.application
      - Main.java
  - JRE System Library [JavaSE-1.8]
  - Maven Dependencies
  - target
  - LICENSE
  - pom.xml
  - README.md
  - spartanizer.xml
- Lab6

Java-Dropbox-API-Full-Tutorial/pom.xml   Main.java ⊠

```java
1   package main.java.com.goxr3plus.javadropboxtutorial.application;
2
3   import java.io.IOException;
12
13  public class Main {
14      private static final String ACCESS_TOKEN = "Q6tRRHvFKfAAAAAAAAAGA6HaAwXdxSqXuJQ_rvAM84r4aqcD0j2NUp6FpDjBdw_";
15
16      public static void main(String args[]) {
17          System.out.println("Hi");
18
19          try {
20
21              DbxRequestConfig config;
22              config = new DbxRequestConfig("dropbox/sgoyalp1");
23              DbxClientV2 client;
24              client = new DbxClientV2(config, ACCESS_TOKEN);
25              FullAccount account;
26              DbxUserUsersRequests r1 = client.users();
27              account = r1.getCurrentAccount();
28              System.out.println(account.getName().getDisplayName());
29
30              // Get files and folder metadata from Dropbox root directory
31              ListFolderResult result = client.files().listFolder("");
32              while (true) {
33                  for (Metadata metadata : result.getEntries()) {
34                      System.out.println(metadata.getPathLower());
35                  }
36
37                  if (!result.getHasMore()) {
38                      break;
39                  }
40
41                  result = client.files().listFolderContinue(result.getCursor());
42              }
43
44          } catch (DbxException ex1) {
45              ex1.printStackTrace();
46          }
47
48  //          // Upload "test.txt" to Dropbox
49  //          try (InputStream in = new FileInputStream("test.txt")) {
50  //              FileMetadata metadata = client.files().uploadBuilder("/test.txt")
51  //                  .uploadAndFinish(in);
52  //          }
```

Problems Javadoc Declaration Console ⊠

```
<terminated> Main [Java Application] /Library/Java/JavaVirtualMachines/jdk-12.0.2.jdk/Contents/Home/bin/java (27-Nov-2019, 1:14:58 am)
Hi
SARTHAK GOYAL
/sarthak
/get started with dropbox paper.url
/get started with dropbox.pdf
```

Dropbox

Upgrade account

Search

Files

My files
Sharing
File requests
Deleted files

Overview   Hide

Click here to describe this folder and turn it into a Space   Show examples

Create new file

Select a file to see more details

Name ↑		Modified ▾	Members ▾	
🔗	Get Started with Dropbox Paper.url	3/10/2019 10:18 am	Share ▾ Open ▾ •••	
PDF	Get Started with Dropbox.pdf	3/10/2019 10:18 am	Only you •••	
📁	Sarthak	--	Only you •••	

Upload files
Upload folder
New shared folder
New folder
Request files
Show deleted files
Rewind Dropbox

Personal
Only you

✓ Copied 1 item.   Undo   Close

•••   Privacy   ?

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import java.io.IOException;

public class Main {
    private static final String ACCESS_TOKEN = "Q6tRRHvFKfAAAAAAAAAGA6HaAwXdxSqXuJQ_rvAM84r4aqcD0j2NUp6FpDjBdw_";

    public static void main(String args[]) {
        System.out.println("Hi");

        try {

            DbxRequestConfig config;
            config = new DbxRequestConfig("dropbox/sgoyalp1");
            DbxClientV2 client;
            client = new DbxClientV2(config, ACCESS_TOKEN);
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            DbxUserUsersRequests r1 = client.users();
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                for (Metadata metadata : result.getEntries()) {
                    System.out.println(metadata.getPathLower());
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                if (!result.getHasMore()) {
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                }

                result = client.files().listFolderContinue(result.getCursor());
            }

        } catch (DbxException ex1) {
            ex1.printStackTrace();
        }

//        // Upload "test.txt" to Dropbox
//        try (InputStream in = new FileInputStream("test.txt")) {
//            FileMetadata metadata = client.files().uploadBuilder("/test.txt")
//                .uploadAndFinish(in);
//        }
```

```
<terminated> Main [Java Application] /Library/Java/JavaVirtualMachines/jdk-12.0.2.jdk/Contents/Home/bin/java (27-Nov-2019, 1:10:16 am)
Hi
SARTHAK GOYAL
/get started with dropbox paper.url
/get started with dropbox.pdf
```