

Implementation notes :

( I ran into issues using the dropbox api v2 released this month/ Nov 2015 , therefore opted for the 1.x version of API)

This is a barebones implementation that :

- \* allows the user to authenticate to dropbox
- \* provides access to camera/ taking pictures
- \* uploads picture to dropbox /photos/

Coding standards

Used longer, spelt out variables names that are easier to search, less ambivalent  
Avoided the mPrefixOnInstanceVariables to avoid crowding of the namespace around m\*

/screenshots/ contains the screenshots of the running app on my system

How to build:

1A) Edit PictureShareMainActivity.java

( app/src/main/java/io/wearbook/pictureshare/PictureShareMainActivity.java)

/\* please input your API KEY and SECRET below:

<https://www.dropbox.com/developers/apps/create> \*/

private static final String DROPBOX\_APPKEY = "YOUR API KEY" ;

private static final String DROPBOX\_APPSECRET = "YOUR APP SECRET" ;

1B) Edit the AndroidManifest.xml and insert your Dropbox API key in the declaration for the AuthActivity (below):

```
<activity
    android:name="com.dropbox.client2.android.AuthActivity"
    android:launchMode="singleTask"
    android:configChanges="orientation|keyboard">
    <intent-filter>
        <!-- db-YOUR-DROPBOX API KEY BELOW-->
        <data android:scheme="db-[Your Dropbox Api Key here]" />
        <action android:name="android.intent.action.VIEW" />
        <category android:name="android.intent.category.BROWSABLE"/>
        <category android:name="android.intent.category.DEFAULT" />
    </intent-filter>
</activity>
```

2) Compile via your IDE or via the command line \$ gradle clean installDebug

3) Run the App



Allow PictureShare  
to take pictures and  
record video?



Never ask again

1 of 2

DENY

ALLOW





Allow **PictureShare** to  
access photos, media,  
and files on your  
device?



Never ask again

2 of 2

**DENY**

**ALLOW**





PictureShare

DROPBOX





Welcome to the PictureShare App. You will need to authenticate to dropbox using the DROPBOX Action on the top right. After that please use the red camera button on the bottom left to take pictures that will automatically get uploaded to Dropbox. The Maps button on the bottom right is not functional.





4:49

 <https://www.dropbox.com> 



[Sign out](#)



**weariodroboxdemo** would like access to the files and folders in your Dropbox. [Learn more](#)

**Cancel**

**Allow**

Signed in as: [smitzey@gmail.com](#)



PictureShare

DROPBOX



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...Ruby streaming in Hadoop

...is founder and CEO of Relato, a startup that maps the markets

...the global economy. He previously served as a Data Scientist in

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## Personal photos

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November 2015



Nov 2015





PictureShare

DROPBOX



Hello World!



## Dropbox API keys

You have an issue with the Dropbox API keys,  
please contact App developer

OK

