

Android Application with Java



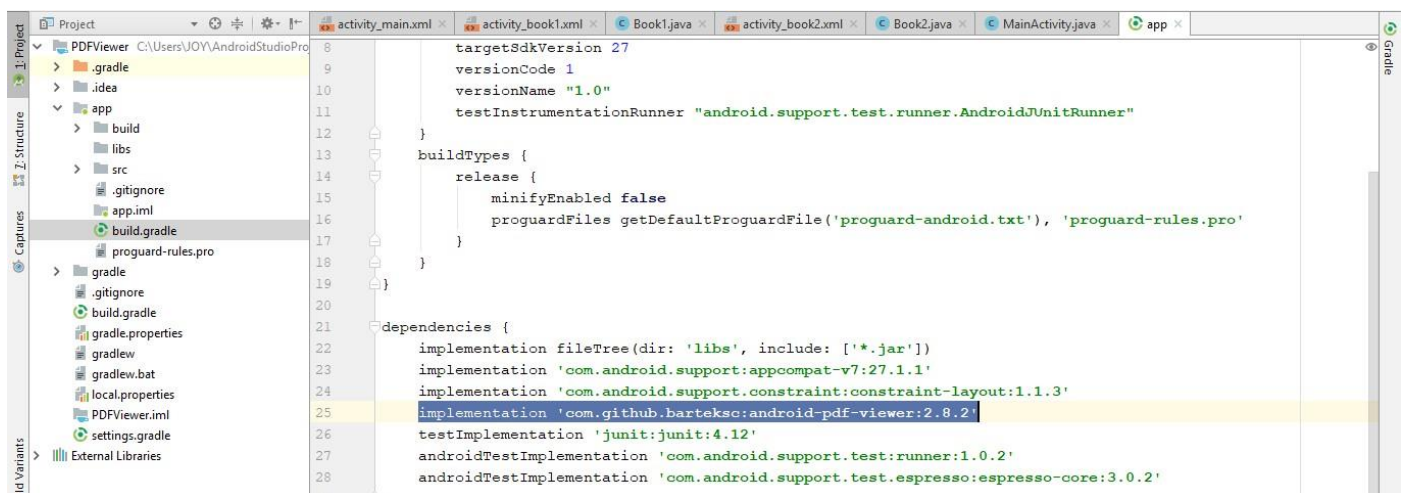
PDF Viewer:

Step 1:

Create a new project and named id PDF Viewer.

Step 2:

Add PDF Viewer Library into App:



```
implementation 'com.github.barteksc:android-pdf-viewer:2.8.2'
```

Click Sync now.

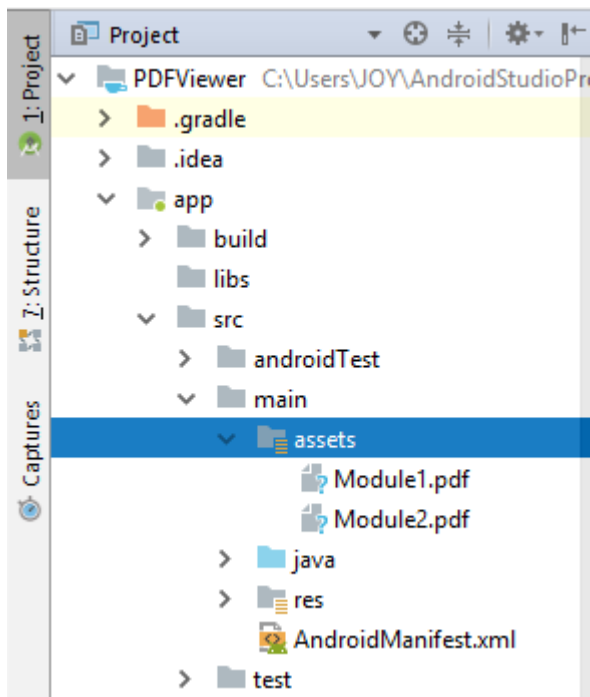


Md. Rezaul Hasan Evan

Rhevan95@gmail.com

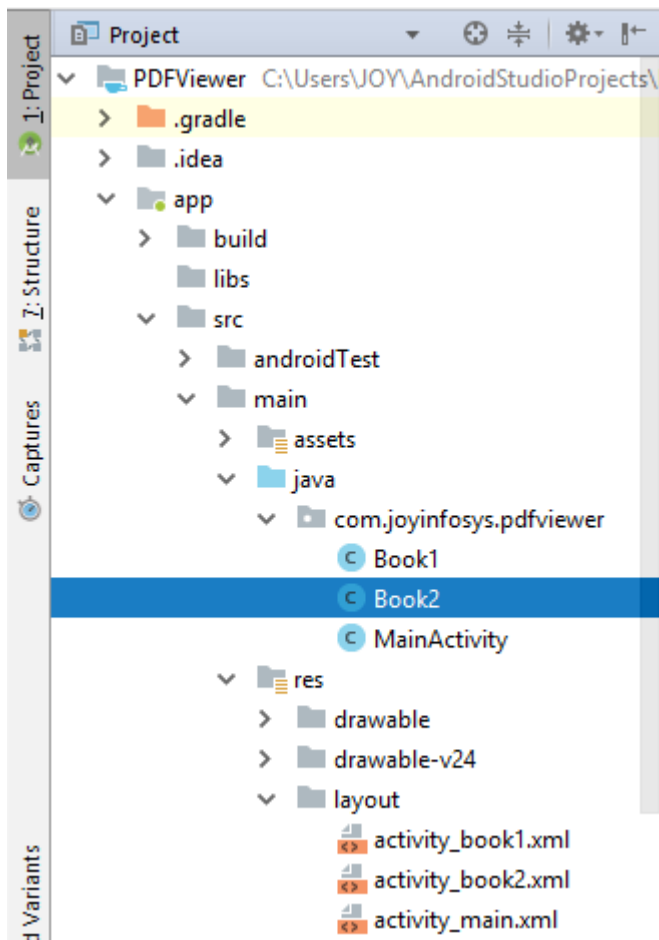
Step 3

Create Assets folder in App and put your pdf files into it:



Step 4:

Create 2 Activity: like Book1 and Book 2



Step Activity_Main.XML and updated it:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:gravity="center"
    tools:context=".MainActivity">
```



Md. Rezaul Hasan Evan

Rhevan95@gmail.com

```
<Button  
    android:id="@+id/book1"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"
```



Md. Rezaul Hasan Evan

Rhevan95@gmail.com

```

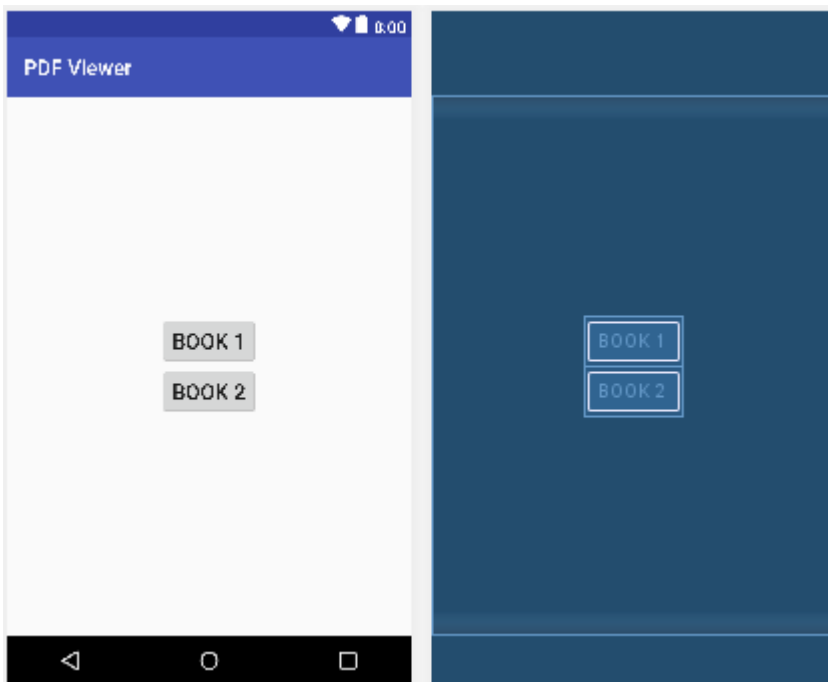
        android:text="Book 1"
        android:textSize="20sp"
    />
    <Button
        android:id="@+id/book2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Book 2"
        android:textSize="20sp"
    />

```

```

</LinearLayout>

```



Step 5:

Open MainActivity.java and update the following code:

```
import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;

public class MainActivity extends AppCompatActivity {

    Button btn_book1, btn_book2;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        btn_book1=(Button)findViewById(R.id.book1);
        btn_book2=(Button)findViewById(R.id.book2);

        btn_book1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                Intent i1 = new Intent(MainActivity.this,Book1.class);
                startActivity(i1);
            }
        });

        btn_book2.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                Intent i2 = new Intent(MainActivity.this,Book2.class);
                startActivity(i2);
            }
        });
    }

}
```



Md. Rezaul Hasan Evan

Rhevan95@gmail.com

Step 6:

Update both Activity_book1.xml and activity_book2.xml files:

Activity_book1.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Book1">

    <com.github.barteksc.pdfviewer.PDFView
        android:id="@+id/pdfBook1"
        android:layout_width="match_parent"
        android:layout_height="match_parent">

    </com.github.barteksc.pdfviewer.PDFView>

</LinearLayout>
```

Activity_book2.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Book2">

    <com.github.barteksc.pdfviewer.PDFView
        android:id="@+id/pdfBook2"
        android:layout_width="match_parent"
        android:layout_height="match_parent">

    </com.github.barteksc.pdfviewer.PDFView>

</LinearLayout>
```



Md. Rezaul Hasan Evan

Rhevan95@gmail.com

Step 7:

Update both Book1.java and Book2.java:

Book1.java:

```
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;

import com.github.barteksc.pdfviewer.PDFView;

public class Book1 extends AppCompatActivity {

    PDFView book1;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_book1);

        book1 = (PDFView) findViewById(R.id.pdfBook1);

        book1.fromAsset("Module1.pdf").load();
    }
}
```

Book2.java:

```
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;

import com.github.barteksc.pdfviewer.PDFView;

public class Book2 extends AppCompatActivity {

    PDFView book2;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_book2);

        book2 = (PDFView) findViewById(R.id.pdfBook2);

        book2.fromAsset("Module2.pdf").load();
    }
}
```

Run App:



Md. Rezaul Hasan Evan

Rhevan95@gmail.com

PDF Viewer

BOOK 1

BOOK 2

PDF Viewer

Android Application with Java



Introduction to Android
Prepare development environment
Create Hello World Android application

Introduction to Android

- Android is an Operating System Mainly for smartphones.
- But now you can find Android in your Tab, Television, TV Set top Box, Watches and even in your Car.
- Android is a rich application Framework that allows you to develop innovative apps and Games for your Mobile devices.
- Java is the official development language for android, but in Google I/O 2017 Google introduce another language **Kotlin** as an Official language.
- Now we have two programming languages for Android development, Java & Kotlin.
- In this tutorial Series We are going to use Java for the App development.
- Android is developed by Open Handset Alliance led by Google.

Designed by Absar-Rubban-As - MCSE, BPDP, MCSE, MCPS, DCE, Sr. Technical Trainer for C#, .NET, Java, Android, App, SQL server, Oracle, COBA, Linux, Python, Graphics, Multimedia and Game Developer at Joy Infos, Ltd #1, HBBB 1712507340, email: absarinfo@gmail.com, Web URL: <http://www.absarinfo.com/bme>