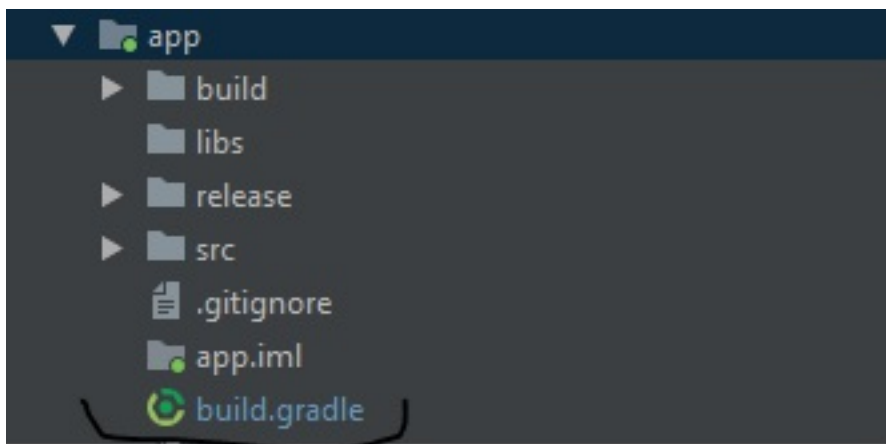


How to Creating PDF reader app in android Studio

By Felipe Prieto

1. You need to create a empty activity.
2. Go to the section build.gradle



3. In this section you need to go this link:

[Android Pdf Viewer](#)

And copy this text:

```
implementation 'com.github.barteksc:android-pdf-viewer:3.1  
.0-beta.1'
```

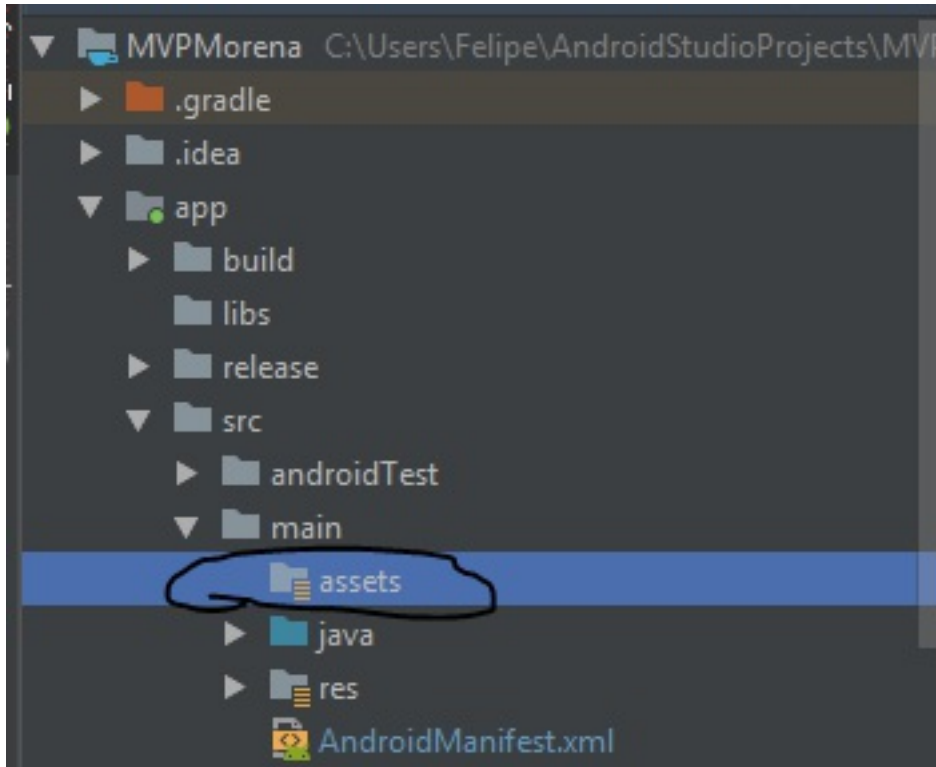
4. Then, you need to sync up your gradle to update your library.
5. You go to activity.xml and if you need, use Linera Layout, but you need to add this lines:

Include PDFView in your layout

```
<com.github.barteksc.pdfviewer.PDFView  
    android:id="@+id/pdfView"
```

```
android:layout_width="match_parent"  
android:layout_height="match_parent"/>
```

6. Create the assets folder and place a PDF in it



7. After you add your PDF File, you go to your class and add this code:

```
PDFView pdfView = findViewById(R.id.pdfView);
```

8. It depends on where you want to take your PDF by URL or by saving it, you will need this code:

```
pdfView.fromUri(Uri)
```

or

```
pdfView.fromFile(File)
```

or

```
pdfView.fromBytes(byte[])
```

or

```
pdfView.fromStream(InputStream) // stream is written to by  
tearray - native code cannot use Java Streams
```

or

```
pdfView.fromSource(DocumentSource)
```

or

```
pdfView.fromAsset(String)
```

```
    .pages(0, 2, 1, 3, 3, 3) // all pages are displayed by  
    default
```

```
    .enableSwipe(true) // allows to block changing pages u  
sing swipe
```

```
    .swipeHorizontal(false)
```

```
    .enableDoubletap(true)
```

```
    .defaultPage(0)
```

```
    // allows to draw something on the current page, usual  
ly visible in the middle of the screen
```

```
    .onDraw(onDrawListener)
```

```
    // allows to draw something on all pages, separately f  
or every page. Called only for visible pages
```

```
    .onDrawAll(onDrawListener)
```

```
    .onLoad(onLoadCompleteListener) // called after docume  
nt is loaded and starts to be rendered
```

```
    .onPageChange(onPageChangeListener)
```

```
    .onPageScroll(onPageScrollListener)
```

```
    .onError(onErrorListener)
```

```
    .onPageError(onPageErrorListener)
```

```
    .onRender(onRenderListener) // called after document i  
s rendered for the first time
```

```

        // called on single tap, return true if handled, false
        to toggle scroll handle visibility
        .onTap(onTapListener)
        .onLongPress(onLongPressListener)
        .enableAnnotationRendering(false) // render annotation
s (such as comments, colors or forms)
        .password(null)
        .scrollHandle(null)
        .enableAntialiasing(true) // improve rendering a littl
e bit on low-res screens
        // spacing between pages in dp. To define spacing colo
r, set view background
        .spacing(0)
        .autoSpacing(false) // add dynamic spacing to fit each
page on its own on the screen
        .linkHandler(DefaultLinkHandler)
        .pageFitPolicy(FitPolicy.WIDTH)
        .pageSnap(true) // snap pages to screen boundaries
        .pageFling(false) // make a fling change only a single
page like ViewPager
        .nightMode(false) // toggle night mode
        .load();

```

10. You have some mistakes, you need to delete some lines, i show you what lines you should delete and how it should be.

This ss is if you use a URL from the document.

```
PDFView pdfView = findViewById(R.id.pdfView);

pdfView.fromUri(Uri.parse("https://docs.google.com/viewer?url=http://infolab.stanford.edu/pub/papers/google.pdfsembedded
    .pages(0, 2, 1, 3, 3, 3) // all pages are displayed by default
    .enableSwipe(true) // allows to block changing pages using swipe
    .swipeHorizontal(false)
    .enableDoubletap(true)
    .defaultPage(0)

    .enableAnnotationRendering(false) // render annotations (such as comments, colors or forms)
    .password(null)
    .scrollHandle(null)
    .enableAntialiasing(true) // improve rendering a little bit on low-res screens
    // spacing between pages in dp. To define spacing color, set view background
    .spacing(0)
    .autoSpacing(false) // add dynamic spacing to fit each page on its own on the screen

    .pageFitPolicy(FitPolicy.WIDTH)
    .pageSnap(true) // snap pages to screen boundaries
    .pageFling(false) // make a fling change only a single page like ViewPager
    .nightMode(false) // toggle night mode
    .load();
```

If you use an asset how it should be

```
//PDF View
PDFView pdfView = findViewById(R.id.pdfView);
pdfView.fromAsset( assetName: "pdfexample.pdf")
    .pages(0, 2, 1, 3, 3, 3) // all pages are displayed by default
    .enableSwipe(true) // allows to block changing pages using swipe
    .swipeHorizontal(false)
    .enableDoubletap(true)
    .defaultPage(0)
    .enableAnnotationRendering(false) // render annotations (such as comments, colors or forms)
    .password(null)
    .scrollHandle(null)
    .enableAntialiasing(true) // improve rendering a little bit on low-res screens
    // spacing between pages in dp. To define spacing color, set view background
    .spacing(0)
    .pageFitPolicy(FitPolicy.WIDTH)
    .load();
```

Resources

- The tutorial that i used is this: [Creating PDF reader app - Android Studio Tutorial](#)
- The library that i used and contributions to the author [barteksc/AndroidPdfViewer](#)