29th December 2017

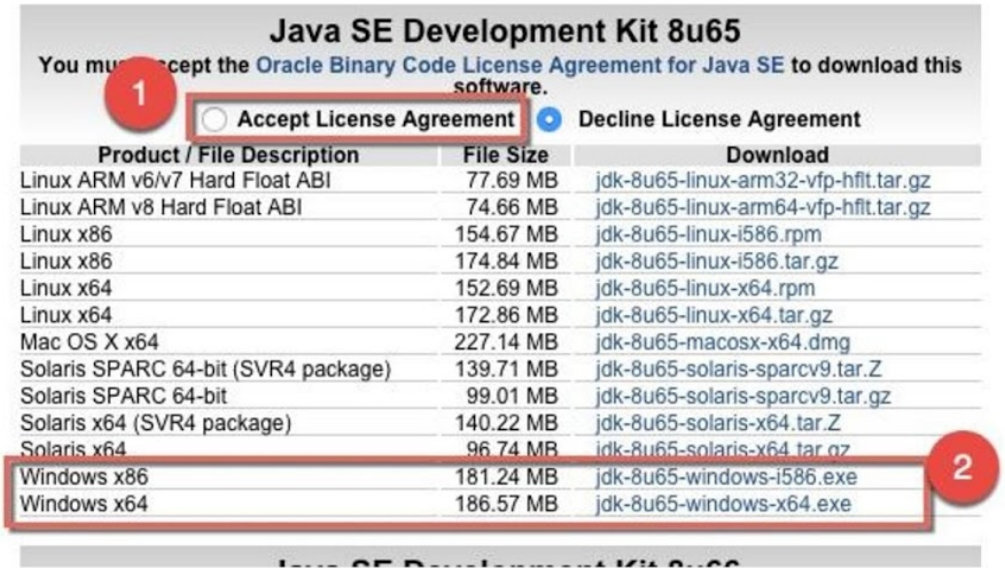
CREATING APK FOR SAPUI5 APPLICATION USING FIORI CLIENT

HOW TO CREATE APK FOR SAPUI5 FIORI APPLICATIONS USING SMP,CORDOVA,KAPSEL

STEPS TO CONFIGURE YOUR SYSTEM

STEP 1: Install Java Development Kit (JDK)
we need to install JDK 8, or JDK 7.

1.1 Go to JDK download page "Java SE Development Kit 8 - Downloads", accept the license agreement and download the JDK according to your Windows platform (32 or 64 bit)



Java SE Development Kit 8u65

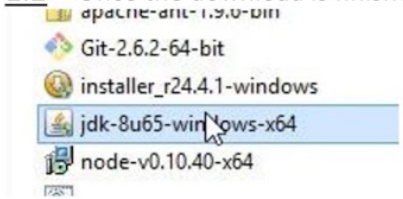
You mu[illegible]cept the Oracle Binary Code License Agreement for Java SE to download this software.

1 — Accept License Agreement — Decline License Agreement

Product / File Description	File Size	Download
Linux ARM v6/v7 Hard Float ABI	77.69 MB	jdk-8u65-linux-arm32-vfp-hflt.tar.gz
Linux ARM v8 Hard Float ABI	74.66 MB	jdk-8u65-linux-arm64-vfp-hflt.tar.gz
Linux x86	154.67 MB	jdk-8u65-linux-i586.rpm
Linux x86	174.84 MB	jdk-8u65-linux-i586.tar.gz
Linux x64	152.69 MB	jdk-8u65-linux-x64.rpm
Linux x64	172.86 MB	jdk-8u65-linux-x64.tar.gz
Mac OS X x64	227.14 MB	jdk-8u65-macosx-x64.dmg
Solaris SPARC 64-bit (SVR4 package)	139.71 MB	jdk-8u65-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	99.01 MB	jdk-8u65-solaris-sparcv9.tar.gz
Solaris x64 (SVR4 package)	140.22 MB	jdk-8u65-solaris-x64.tar.Z
Solaris x64	96.74 MB	jdk-8u65-solaris-x64.tar.gz
Windows x86	181.24 MB	jdk-8u65-windows-i586.exe
Windows x64	186.57 MB	jdk-8u65-windows-x64.exe

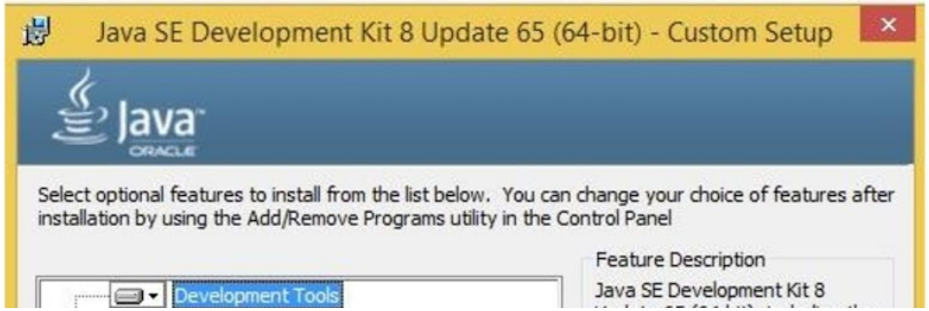
2

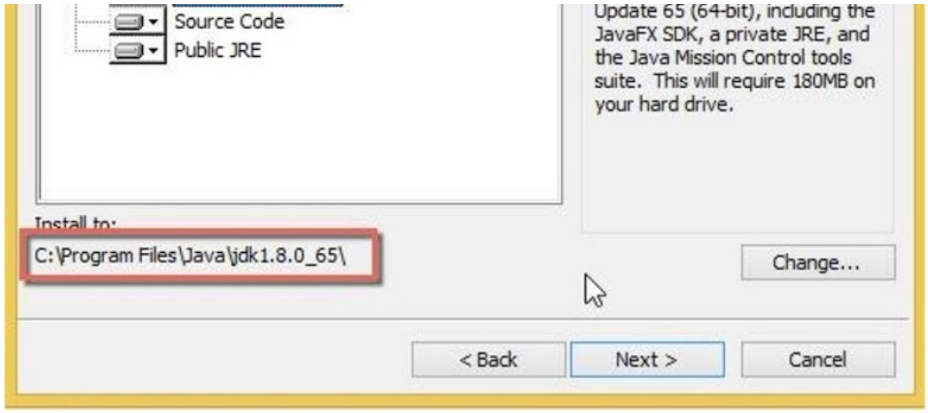
1.2 Once the download is finished double click on the downloaded file to start the installation



[https://4.bp.blogspot.com/-V8h48HZgbcM/WkVA3RSGYaI/AAAAAAAAJv8/ZNsaFqsR8aoMF0BVegt0O1Oihn-LWSAlACEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-001.jpg]

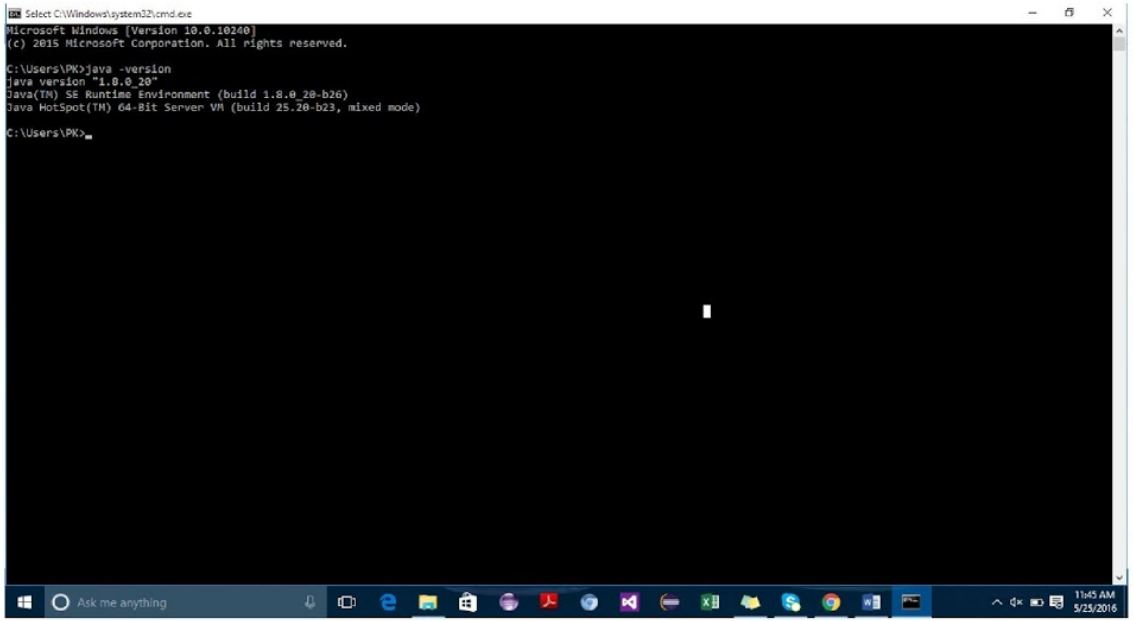
1.3 Leave all by default and click **Next** at every step. When you reach the step where you can change the installation path, take note of this path because it will be required later when you are going to configure the JAVA_HOME system variable





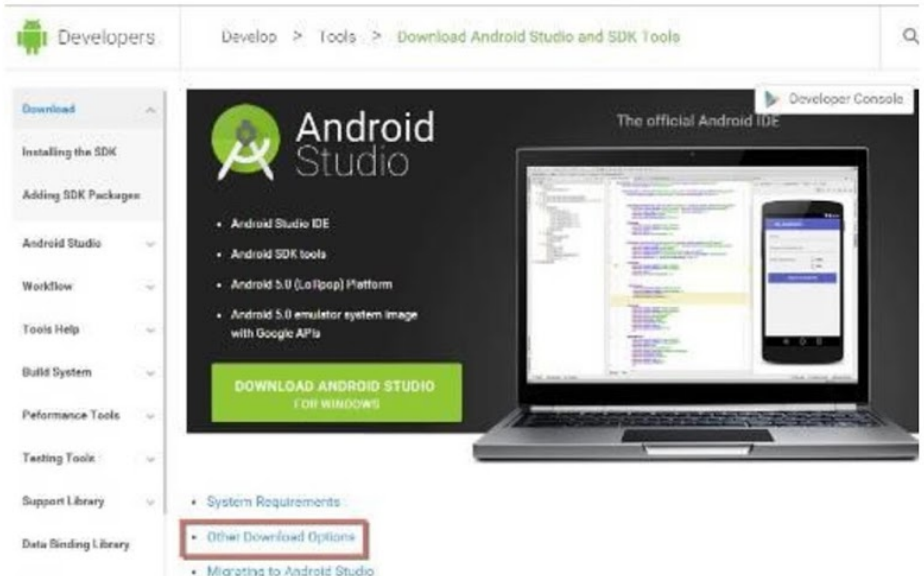
1.4 When the installation finishes, you can check that all worked fine by opening a Terminal window and typing the command "**java -version**". You should get something like this

[https://3.bp.blogspot.com/-BnLB2rdX8qQ/WkVA3bdc8-I/AAAAAAAAJv4/qzfV_dl4a1wOUAZHl6e_7H3PgLX2MeriwCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-002.jpg]



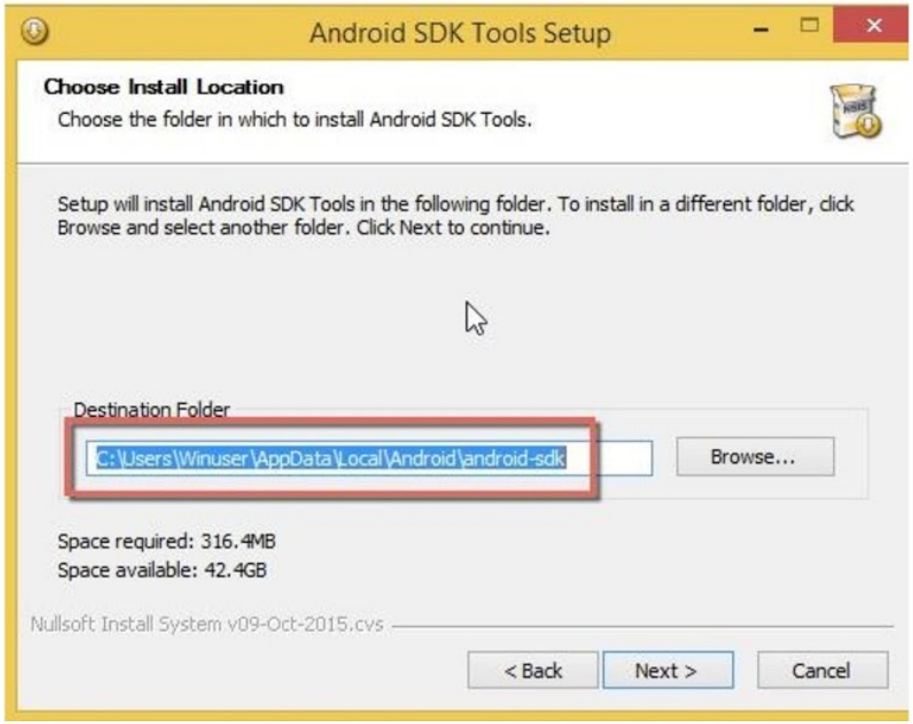
STEP 2 : Install Android SDK

2.1 Go to the download URL(Download Android Studio and SDK Tools | Android Developers) and click on **Other Download Options**



2.2 Choose the recommended download option (for Windows), which is the one by the installer

[https://3.bp.blogspot.com/-Xy2Jrni9I3g/WkVA3QoRgbI/AAAAAAAAJwA/MXYrkS9xz6sEWVbpYxMX_FhHR3rt8QHIgCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-003.jpg]



2.9 Click on **Install**

2.10 When the installation is completed click on **Next**

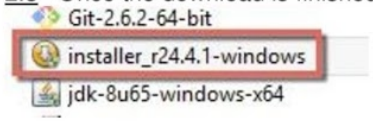
2.11 Choose to **Start the SDK** Manager and click on **Finish**

2.12 The SDK manager starts: if you get an error like this, it's because most probably you are behind a firewall and you need to configure your proxy settings; so click on **Close** and read the APPENDIX to this section named **Configure proxy for Android SDK Manager**.
If you have no "Failed to fetch" error, you can continue with next step

[https://1.bp.blogspot.com/-YkHYaym6zI4/WkVA4mLsHRI/AAAAAAAAJwI/BiFW4T3-O6Q38Uw8t8nogXjJQAmvuaXEACEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-005.jpg]

	(Recommended)	bytes	
	android-sdk_r24.4.1-windows.zip	199701062 bytes	66b6a6433053c152b22bf8cab19c0f3fef4eba49
Mac OS X	android-sdk_r24.4.1-macosx.zip	102781947 bytes	85a9cccb0b1f9e6f1f616335c5f07107553840cd
Linux	android-sdk_r24.4.1-linux.tgz	326412652 bytes	725bb360f0f7d04eaccff5a2d57abdd49061326d

2.3 Once the download is finished, double click on the downloaded file to start the installation



2.4 Accept the UAC request by clicking on **Yes**

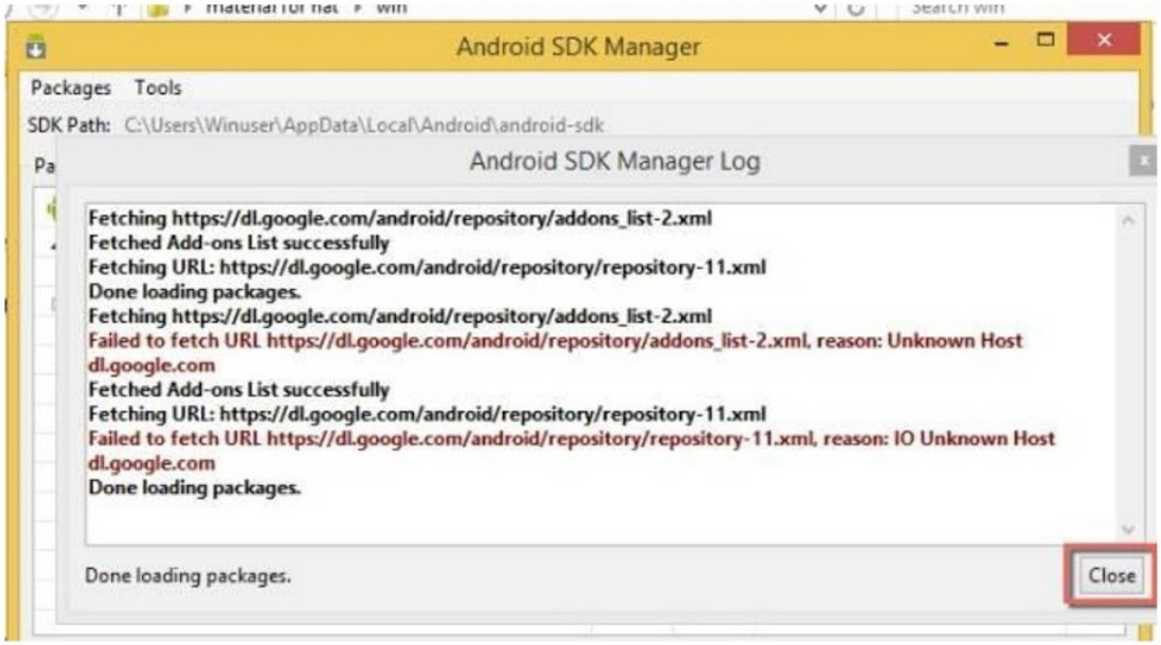
2.5 Click on **Next** on the Welcome screen

2.6 Click on **Next** on the screen where the current installed Java version is verified

2.7 Choose if you want to install this just for you or for everyone and click on **Next**

2.8 Take note of the installation path (it will be required later) and click on **Next**

[https://2.bp.blogspot.com/-Bc_9KwNmNZc/WkVA4QIEpEI/AAAAAAAAJwE/pRz29GZr78gelX_BSeOP8W55aXKVe4c_wCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-004.jpg]



2.13 Now you need to specify the packages you want to install. For this H2G we will choose to install Android 5.1.1 (API 22). This because, at moment, this is the highest supported Android version by the latest Kapsel plugin. You can install newer versions of Android, but the installation process will always check and require the presence of API 22 to work. In my case these are the packages I'm going to install:

Tools

- Android SDK Tools (**it comes already installed**)
- Android SDK Platform-Tools

Android SDK Build-Tools

Android 5.1.1 (API 22)

SDK Platform
ARM EABI v7a System Image

Android 4.4.2 (API 19)

SDK Platform
ARM EABI v7a System Image

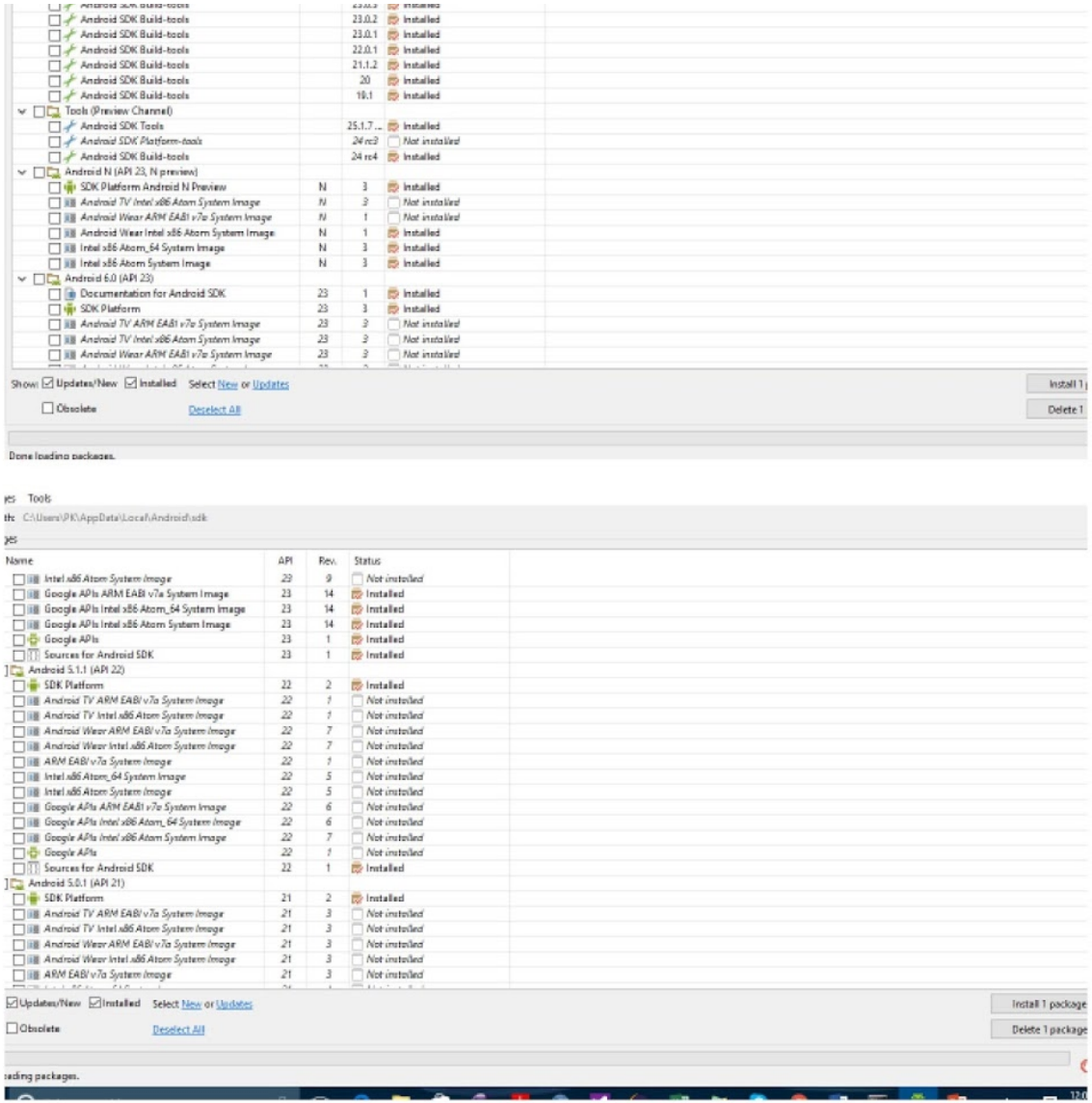
Extras

Android Support Repository
Android Support Library
Google Play Services
Google Repository

Google USB Driver

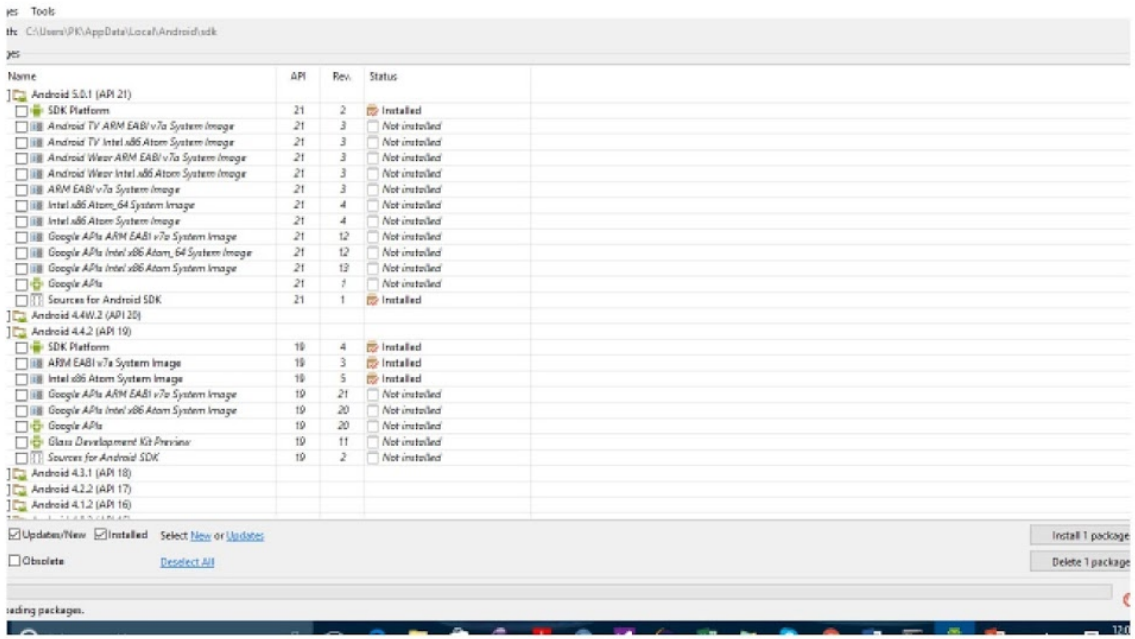
[https://3.bp.blogspot.com/-G1GRT3BC6Ls/WkVA4wOd5kI/AAAAAAAAJwM/q_oiKMLUK5om2NOLVI8LgeWXzvFoLtHIgCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-006.jpg]

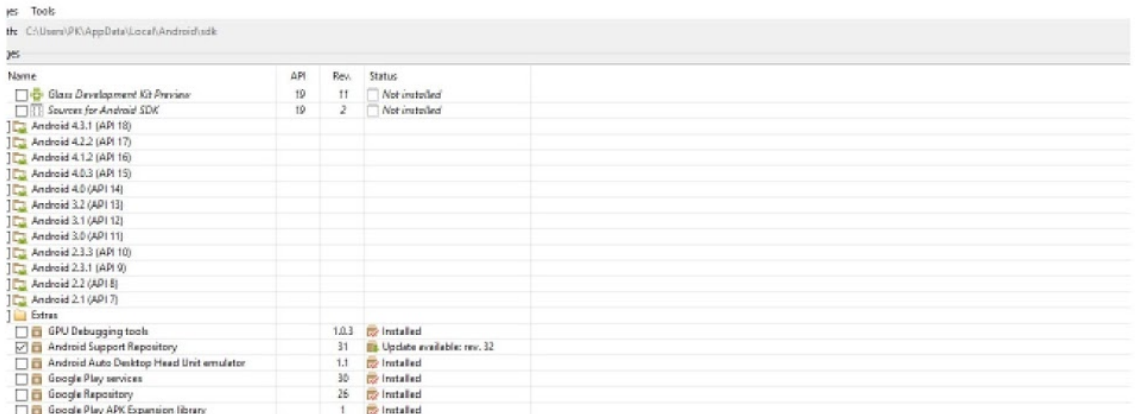
We need to install these packages i.e listed in images.

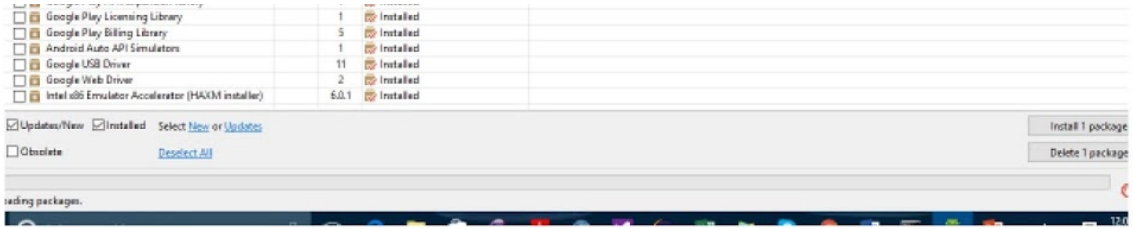

Android SDK Build-tools 23.0.2 Installed
Android SDK Build-tools 23.0.1 Installed
Android SDK Build-tools 22.0.1 Installed
Android SDK Build-tools 21.1.2 Installed
Android SDK Build-tools 20 Installed
Android SDK Build-tools 19.1 Installed
Tools (Preview Channel)
Android SDK Tools 25.1.7... Installed
Android SDK Platform-tools 24 rc3 Not installed
Android SDK Build-tools 24 rc4 Installed
Android N (API 23, N preview)
SDK Platform Android N Preview N 3 Installed
Android TV Intel x86 Atom System Image N 3 Not installed
Android Wear ARM EABI v7a System Image N 1 Not installed
Android Wear Intel x86 Atom System Image N 1 Installed
Intel x86 Atom_64 System Image N 3 Installed
Intel x86 Atom System Image N 3 Installed
Android 6.0 (API 23)
Documentation for Android SDK 23 1 Installed
SDK Platform 23 3 Installed
Android TV ARM EABI v7a System Image 23 3 Not installed
Android TV Intel x86 Atom System Image 23 3 Not installed
Android Wear ARM EABI v7a System Image 23 3 Not installed
Show: Updates/New Installed Select New or Updates
Obsolete
Deselect All
Install 1
Delete 1
Done loading packages.

Tools
C:\Users\PK\AppData\Local\Android\sdk
Name API Rev. Status
Intel x86 Atom System Image 29 9 Not installed
Google APIs ARM EABI v7a System Image 23 14 Installed
Google APIs Intel x86 Atom_64 System Image 23 14 Installed
Google APIs Intel x86 Atom System Image 23 14 Installed
Google APIs 23 1 Installed
Sources for Android SDK 23 1 Installed
Android 5.1.1 (API 22)
SDK Platform 22 2 Installed
Android TV ARM EABI v7a System Image 22 1 Not installed
Android TV Intel x86 Atom System Image 22 1 Not installed
Android Wear ARM EABI v7a System Image 22 7 Not installed
Android Wear Intel x86 Atom System Image 22 7 Not installed
ARM EABI v7a System Image 22 1 Not installed
Intel x86 Atom_64 System Image 22 5 Not installed
Intel x86 Atom System Image 22 5 Not installed
Google APIs ARM EABI v7a System Image 22 6 Not installed
Google APIs Intel x86 Atom_64 System Image 22 6 Not installed
Google APIs Intel x86 Atom System Image 22 7 Not installed
Google APIs 22 1 Not installed
Sources for Android SDK 22 1 Installed
Android 5.0.1 (API 21)
SDK Platform 21 2 Installed
Android TV ARM EABI v7a System Image 21 3 Not installed
Android TV Intel x86 Atom System Image 21 3 Not installed
Android Wear ARM EABI v7a System Image 21 3 Not installed
Android Wear Intel x86 Atom System Image 21 3 Not installed
ARM EABI v7a System Image 21 3 Not installed
Updates/New Installed Select New or Updates
Obsolete
Deselect All
Install 1 package
Delete 1 package
ading packages.

[https://3.bp.blogspot.com/-9h6HG2QvLOo/WkVA5bxHw9I/AAAAAAAAJwQ/xiW-ur7hk84i9RSBEupOxpvw5s8tvzoJgCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-007.jpg]



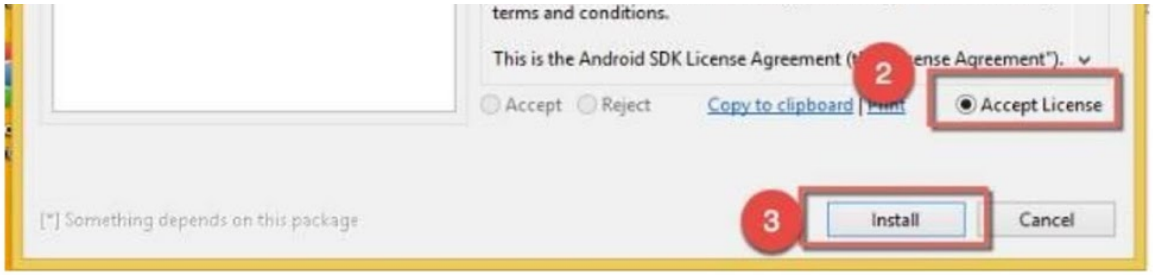




NOTE: After the installation of Google USB Driver, in order to have it fully working with your mobile device, you have to follow the instructions reported at this link: OEM USB Drivers | Android Developers

2.14 Select the root **Android SDK License**, click on **Accept License** and then on **Install**

[https://1.bp.blogspot.com/-okNChi-kuFQ/WkVA5r4PvsI/AAAAAAAAJwU/MUnjD3dKz-QMB0dHXAbCB9W4G0xLJpDMACEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-008.jpg]



2.15 The installation of the required packages starts. It might require some time depending on your network speed, so be patient. If you get an error saying "Stopping ADB server failed (code -1)" at the beginning of the installation process, don't worry, it's normal!

2.16 When the installation finishes, you might need to restart your Android SDK manager

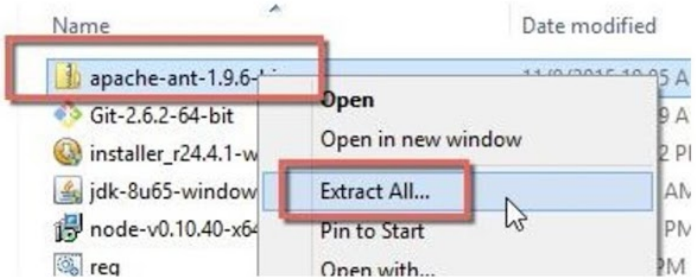
STEP 3 : Install Apache Ant

We can download it from Apache Ant - Binary Distributions
The latest version at the time I'm writing this guide is 1.9.6.

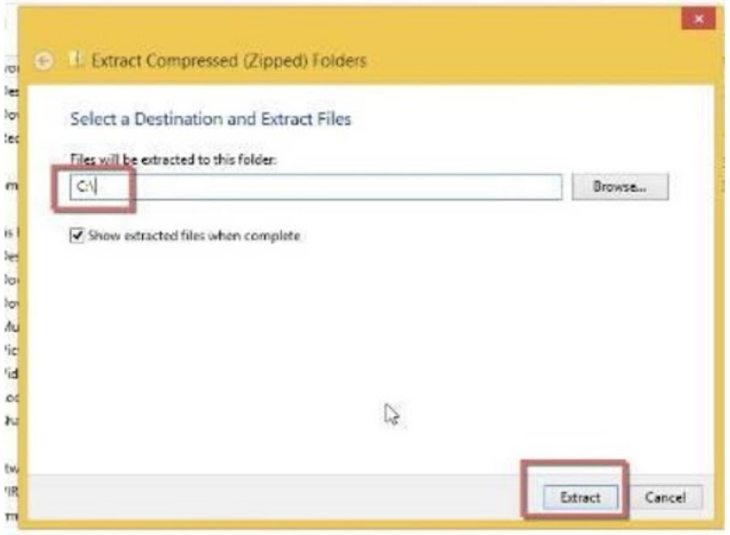
3.1 Download this version

[https://1.bp.blogspot.com/-uwI8zOoWDb8/WkVA51yqabI/AAAAAAAAJwY/BNXnzghBJpcMX43bk1JSv0Q397u9fBQ3gCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-009.jpg]

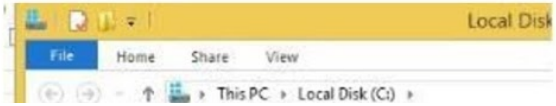
3.2 Select the downloaded zip file, right click on it and choose **Extract All**



3.3 Just put the extracted folder on your *C:* drive's root. A subfolder will be automatically created



3.4 Rename the new folder simply with "**apache-ant**"



[https://1.bp.blogspot.com/-503EZjekSpY/WkVA6SZYaiI/AAAAAAAAJwc/OgUNKPohG6EzY3YA0CQdHzi4Be337RfawCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-010.jpg]

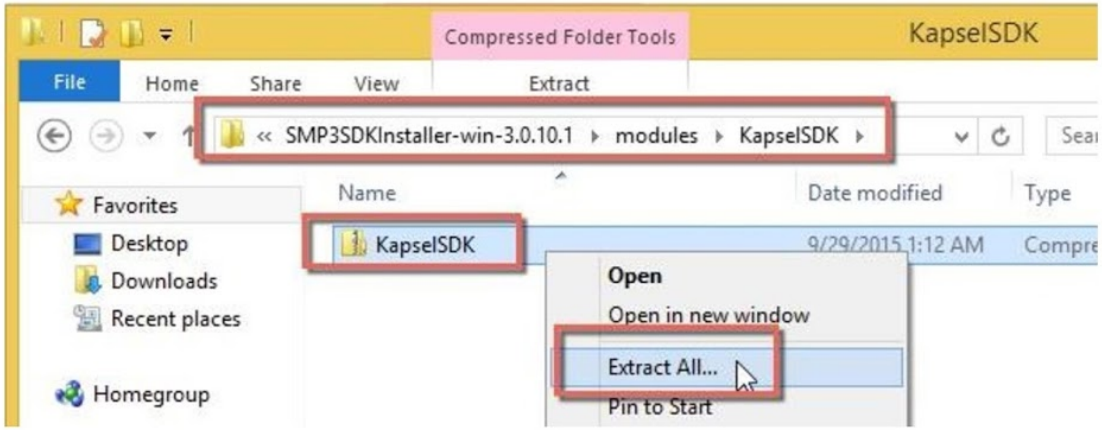
STEP 4: Download and install SAP Kapsel Plugin

Download the SAP Kapsel Plugin from the SAP Store at this link. Download is free.
You should have **KapselSDK-PL11** version

4.1 Click on **Trial Version**. Once you have filled the contact form and sent it, you will receive an email with the download link

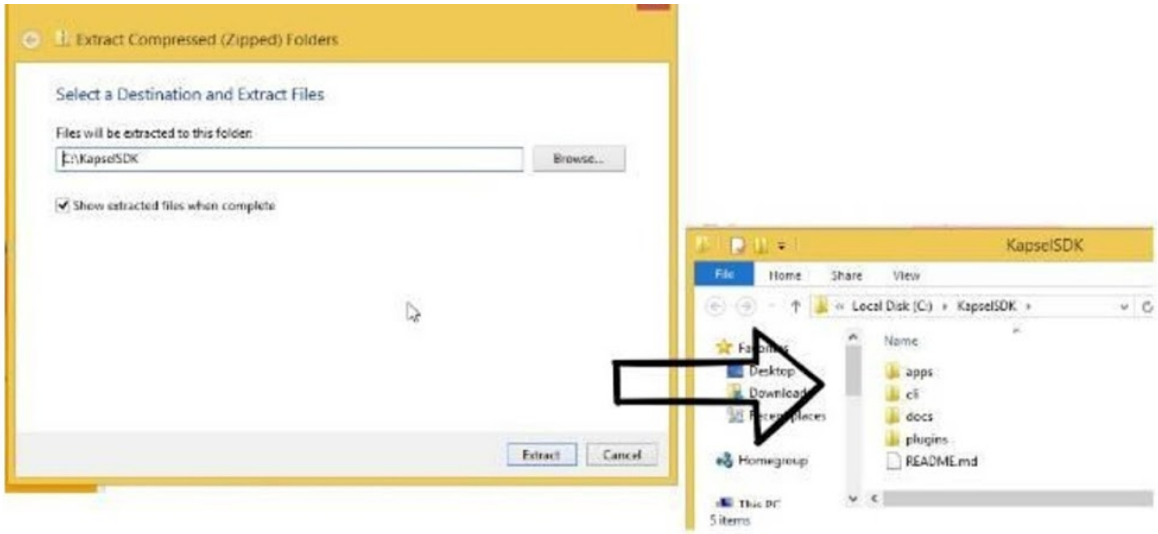
4.2 Once downloaded the package you can extract it. You can do it in the current folder because we won't need the entire package, but just a small part

4.3 Navigate to the extracted folder down to the path *\modules\KapselSDK*. You will find another zip file. Right click on it and select **Extract all**



4.4 Just extract it in the *C:\KapselSDK* folder:

[https://3.bp.blogspot.com/-vd4hmDE2pjs/WkVA6lttkzI/AAAAAAAAJwg/GYyo-h94sWwQ1ZH9Bo3u3K3Ktc_Rj_qfACEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-011.jpg]



STEP 5: Configure some environment variables (JAVA_HOME, ANT_HOME, KAPSEL_HOME, ANDROID_HOME and PATH)

These are the variables we need to configure:

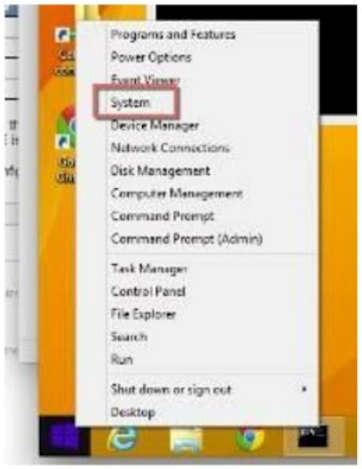
VARIABLE	VALUE
ANDROID_HOME	C:\Users\Winuser\AppData\Local\Android\android-sdk
ANT_HOME	C:\apache-ant
JAVA_HOME	C:\Program Files\Java\jdk1.8.0_65
KAPSEL_HOME	C:\KapselSDK

NOTE: Of course, in your case the paths can be different, if you have specified different folders during the previous steps.

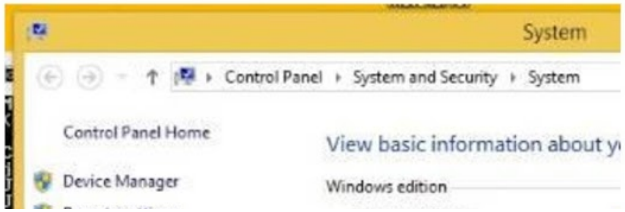
So let's see how to configure the JAVA_HOME: then we can do the same also for the other variables.

5.1 Right click on the **Start** button and choose **System**. Alternatively you can open the **Control Panel** and navigate to **System and Security --> System**

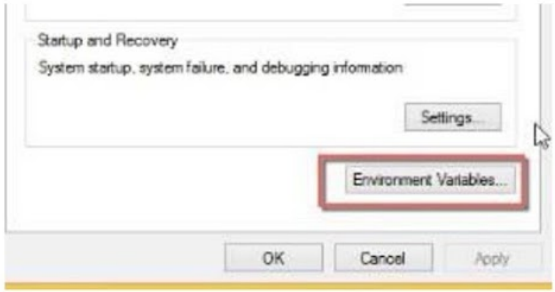
[https://2.bp.blogspot.com/-hvqGGWqQ6ss/WkVA63Xbf4I/AAAAAAAAJwk/ooAa6ZJRzzod7KsdxAj6Ju66YkaXTm8PwCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-012.jpg]



5.2 Click on **Advanced System Settings**

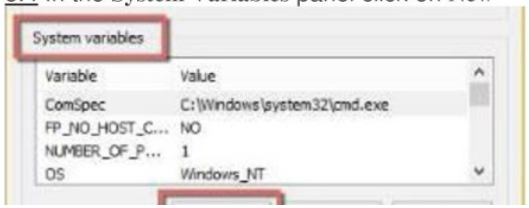


5.3 Click on **Environment Variables**

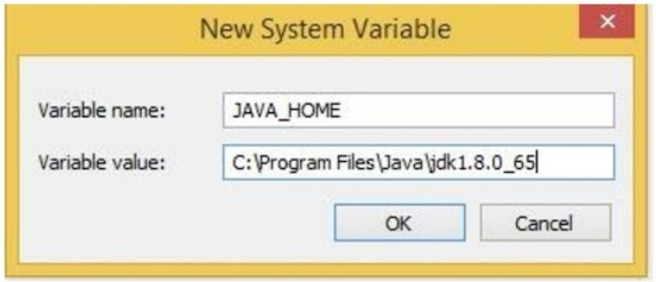


[https://1.bp.blogspot.com/-mNnsYz9PEqU/WkVA7MaWoCI/AAAAAAAAJwo/Tk37SlRd67E_CSF-lczq3zl2MVfJL7LEwCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-013.jpg]

5.4 In the **System Variables** panel click on **New**

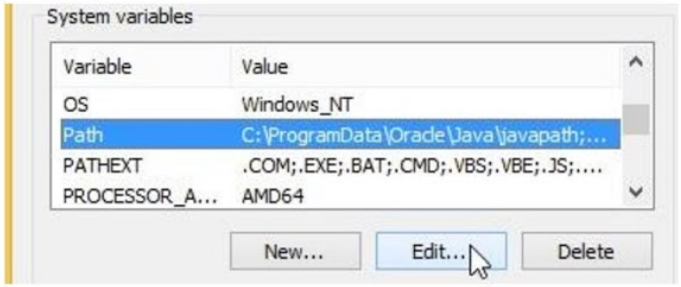


5.5 Enter the variable name **JAVA_HOME** and its value according to the table above and click on **OK**



5.6 Do the same for all the other variables.

5.7 Once all the 4 environment variables have been set up we can configure the path. In the **System Variables**panel, select the **PATH** variable and click on **Edit**



STEP 6: Install a GIT client

Download the Git client from here Git. Feel free to download the latest version

6.1 Start the installation process by double clicking on the installation file

6.2 Click on **Next** at the Welcome screen

6.3 Click on **Next** at the License information

6.4 Choose the path where you want to install it or leave the proposed one and click on **Next**

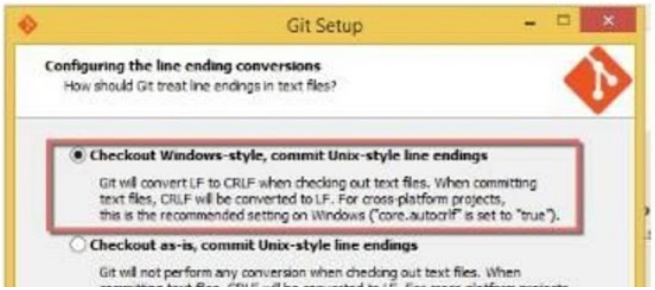
6.5 At the **Select Components** screen simply click on **Next**

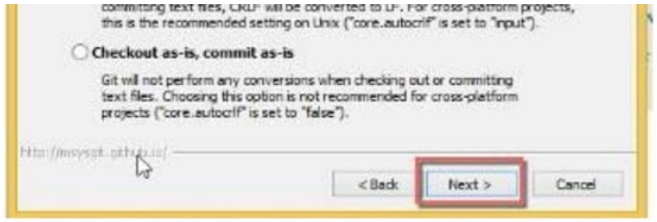
[https://4.bp.blogspot.com/-W-m5NzRXoJ4/WkVA7oC-xpI/AAAAAAAAJws/HMZITN4kfxwAYLrX9JM6eyVSHinGIV5-ACEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-014.jpg]

6.6 Click again on **Next** to create a shortcut in the **Start Menu**

6.7 here we need to choose how you would like to use Git from the command line. Choose the **second option** and click on **Next**

6.8 At next screen we are called to decide how Git client needs to deal with the line ending conversions. Let's choose the **first option** and click on **Next**





6.9 At the screen named "Configuring the terminal emulator to use with Git Bash" keep the "Use MinTTY" option selected and click on **Next**

6.10 At the screen named "Configuring experimental performance tweaks" keep the "Enable file system caching" option unselected and click on **Next**

6.11 The installation starts. At the end simply click on **Finish.**

[https://1.bp.blogspot.com/-nGVnX6fXM58/WkVA8O4UMVI/AAAAAAAAJww/kE_PeVzgEVYoHHPT9muMliqAIG2Z8P2JQCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-015.jpg]

STEP 7 : Install Node.js

Node.js is the main tool for HAT setup

NOTE: We **MUST NOT** install the latest version, but just a specific version which is **5.4.1**.

7.1 Download the application

7.2 Double click on the download file to launch the installation process

7.3 Click on **Next** at the **Welcome** screen

7.4 Accept the **license agreement** and click on **Next**

7.5 For the destination folder you can leave the proposed one (the default for 64bit should

be *C:\Program Files\nodejs*) and click on **Next**

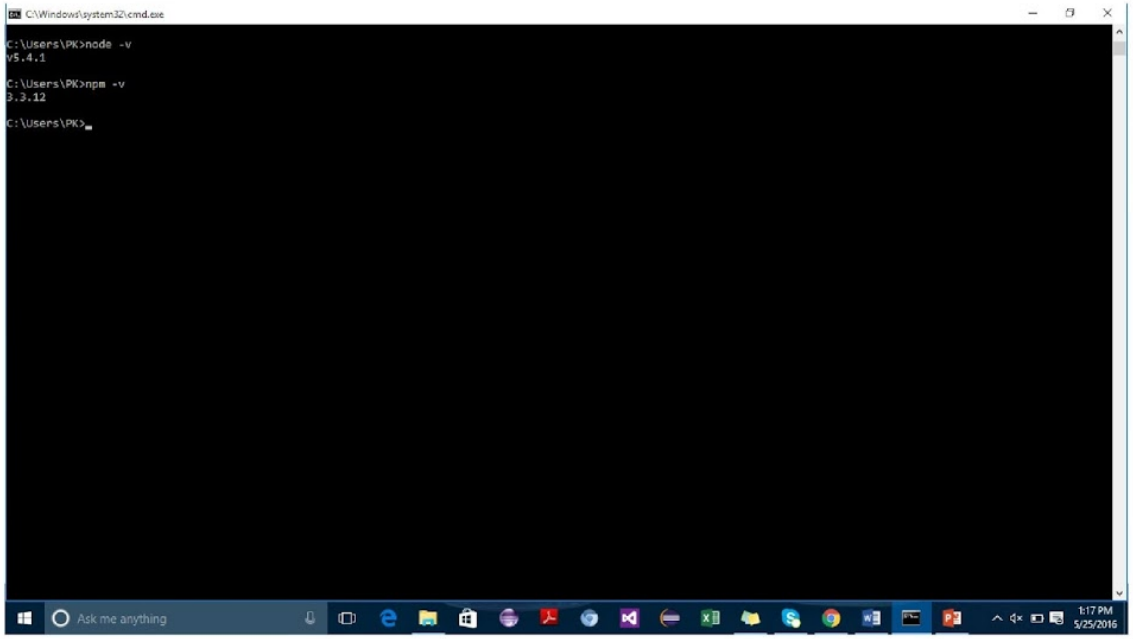
7.6 Click on **Next** again on the screen named **Custom Setup**

7.7 Click on **Install** to start the installation

7.8 If you get the **User Access Control** popup, click on **Yes** to install the "node.js" program

7.9 Click on **Finish** when the installation finishes

7.10 If you close and reopen the terminal window now you should be able to check the versions of the two new commands "**npm**" and "**node**"



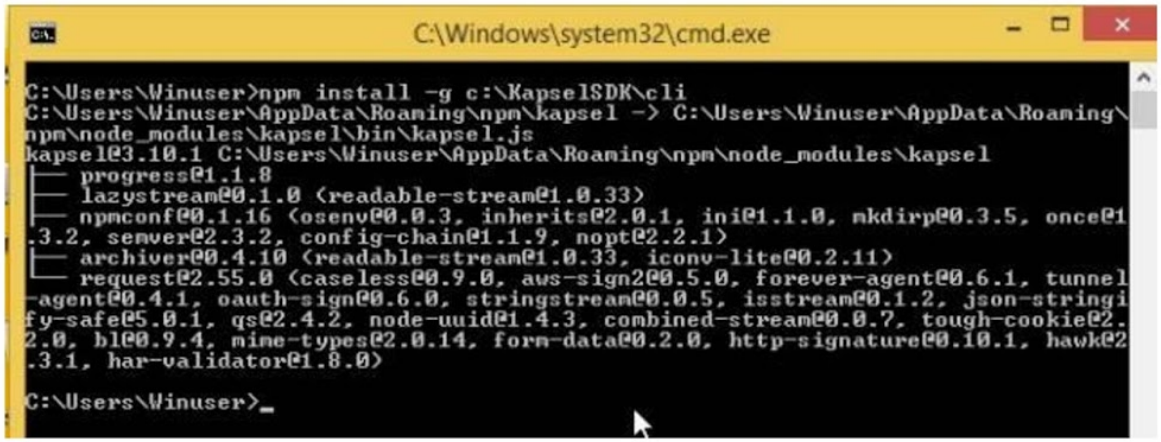
[https://3.bp.blogspot.com/-FSsogg1Nj7c/WkVA8Li698I/AAAAAAAAJw0/W4W1mn9lLYgZwo3MSLgKBV9GyMuo15IxwCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-016.jpg]

STEP 8 : Install Kapsel CLI

This Step will install the Command Line Interface for Kapsel.

8.1 just to run the following command in a Terminal window:
npm install -g c:\KapselSDK\cli (of course if you have installed the Kapsel plugin in a different folder you have to adapt this line)

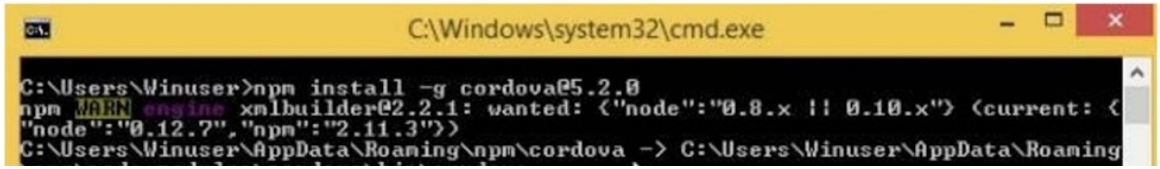
We should get something like this:



STEP 9 : Install Apache Cordova 5.2.0

In CMD run below command

npm install -g cordova@5.2.0

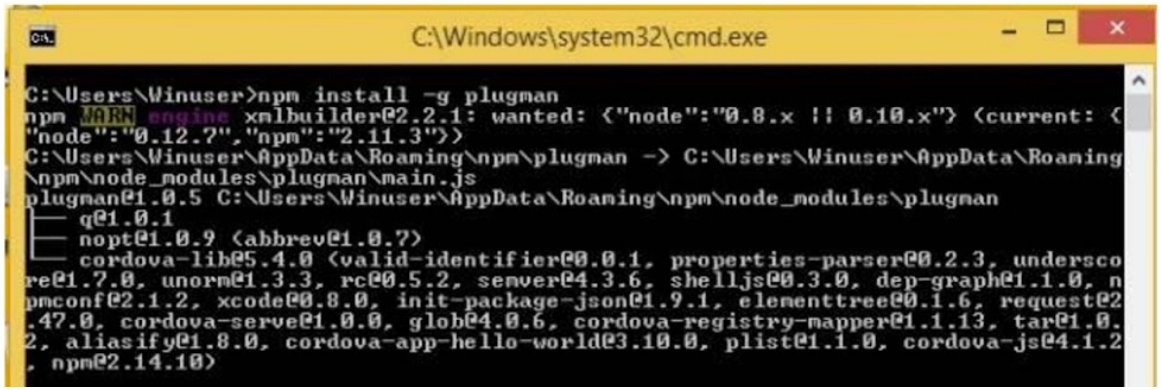


[https://1.bp.blogspot.com/-H_PsCVQZ9y8/WkVA8-LbRVI/AAAAAAAAJw4/aR-8uMYJPf4LQ9UYjGfupAKU53zFuHNLwCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-017.jpg]

STEP 10 : Install Plugman

The installation of Plugman is achieved through an **npm** command as well:

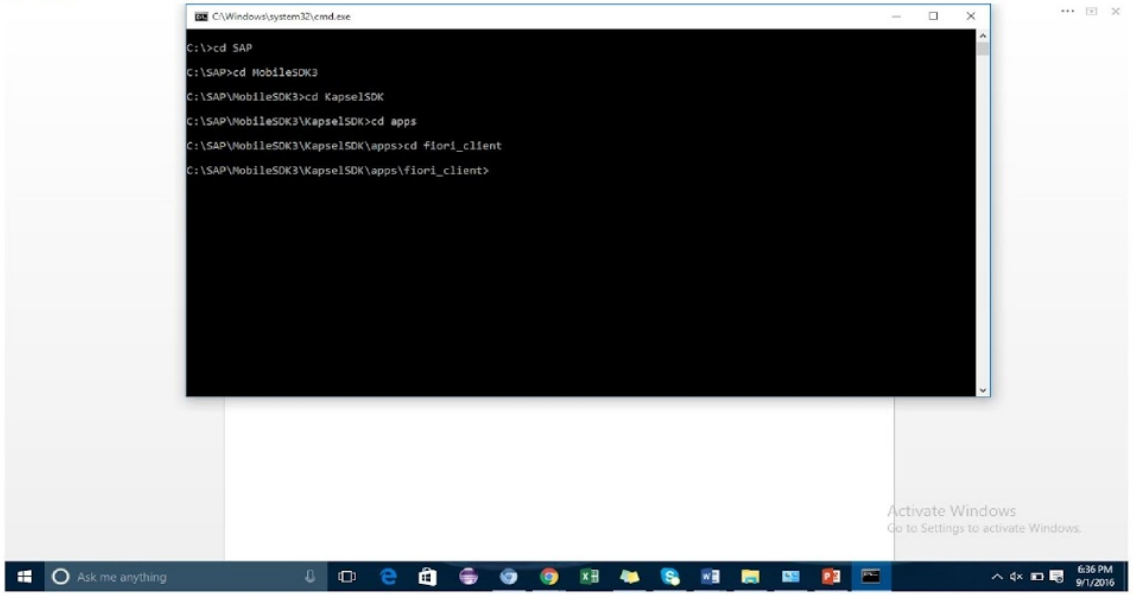
npm install -g plugman



[https://1.bp.blogspot.com/-6aVNHudP3SY/WkVA9Th8ojI/AAAAAAAAJxA/SvKMsdQqVfY9H0-zvE2Hckq1xpoQqXk4ACEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-018.jpg]

STEPS TO CREATE YOUR APK

STEP 1 : In a command window in the folder

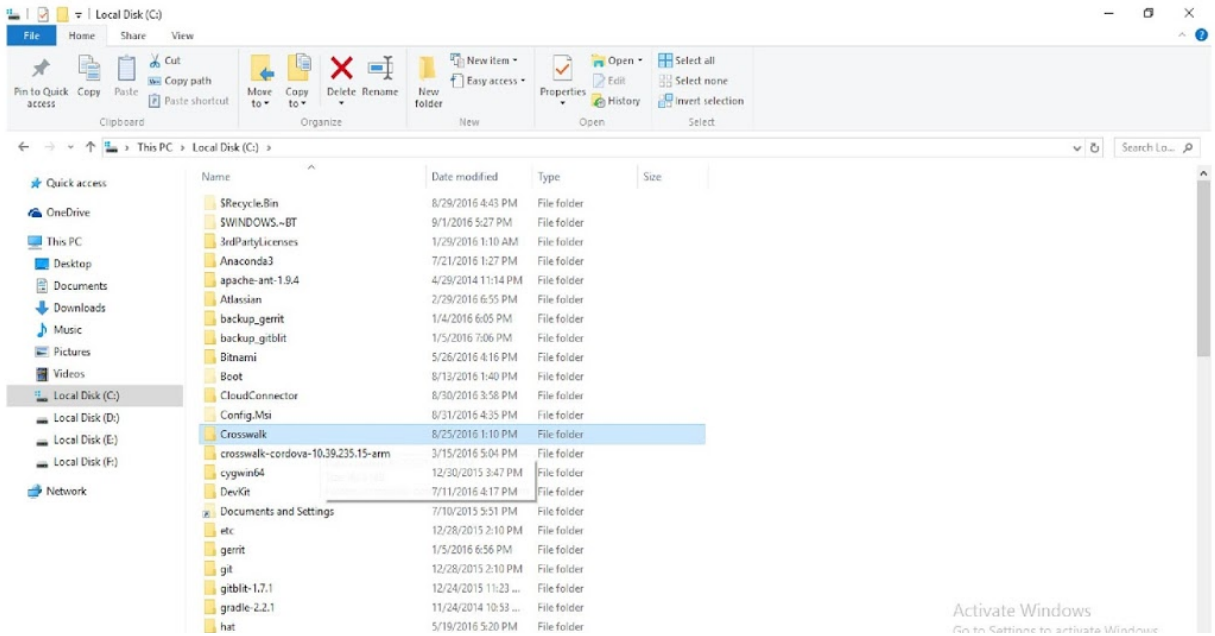


C:\SAP\MOBILESDK3\KAPSELSDK\apps\fiori_client
Run
npm install

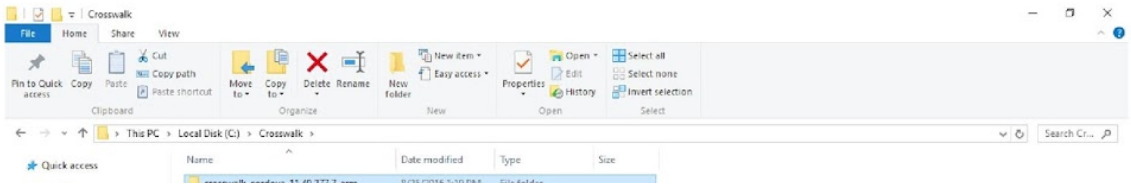
[https://1.bp.blogspot.com/-IULFTzh7HIE/WkVA9DkNgRI/AAAAAAAAJw8/bamrHcgTHm87QWCIV2559k60AGVY59QdgCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-019.jpg]

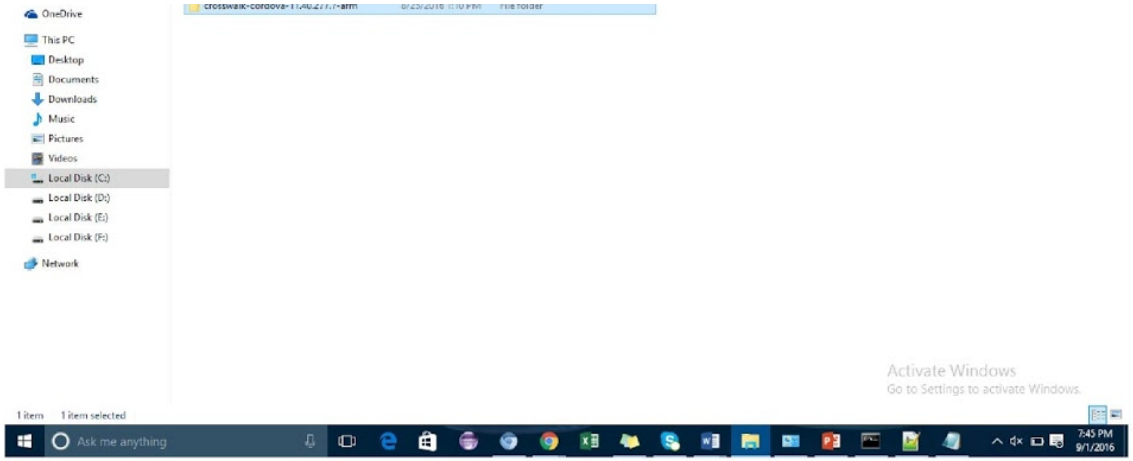
STEP 2 : We should have crosswalk-cordova-11.40.277.7-arm

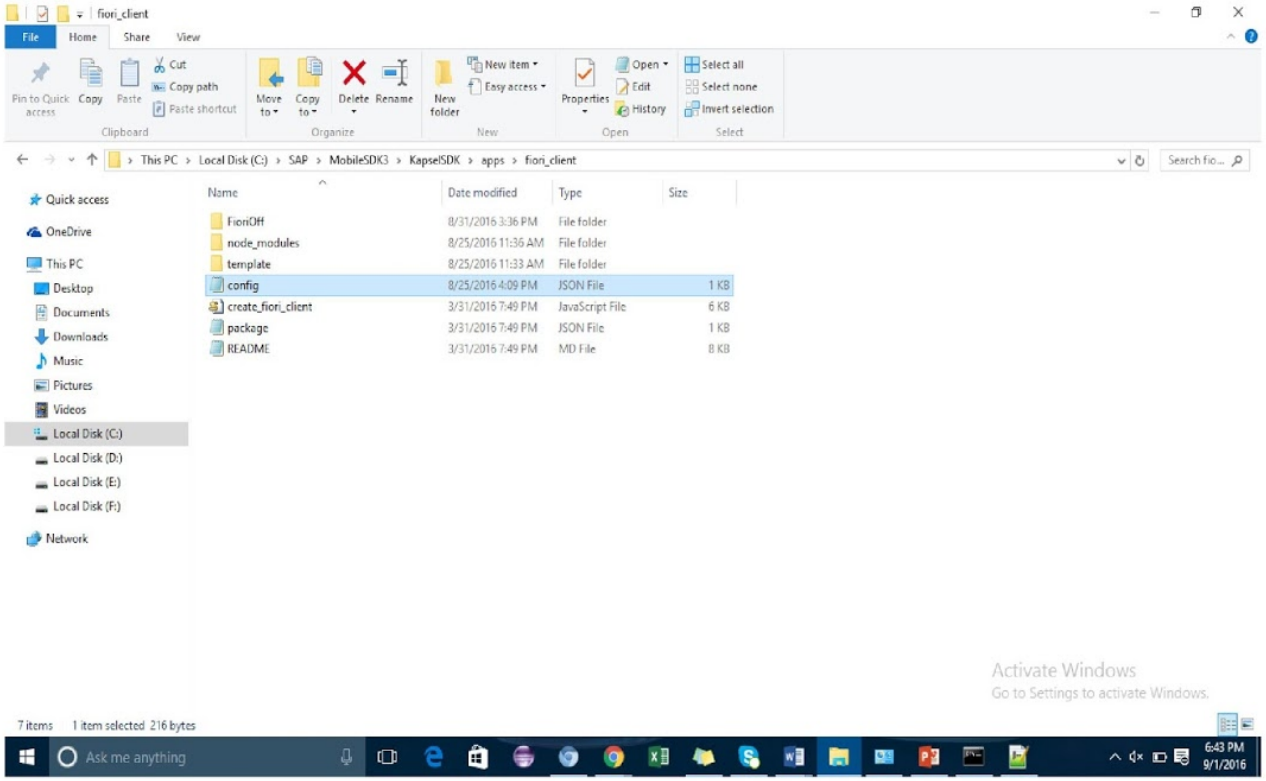
As we can see the path of cross walk that we need to set in config.json file.



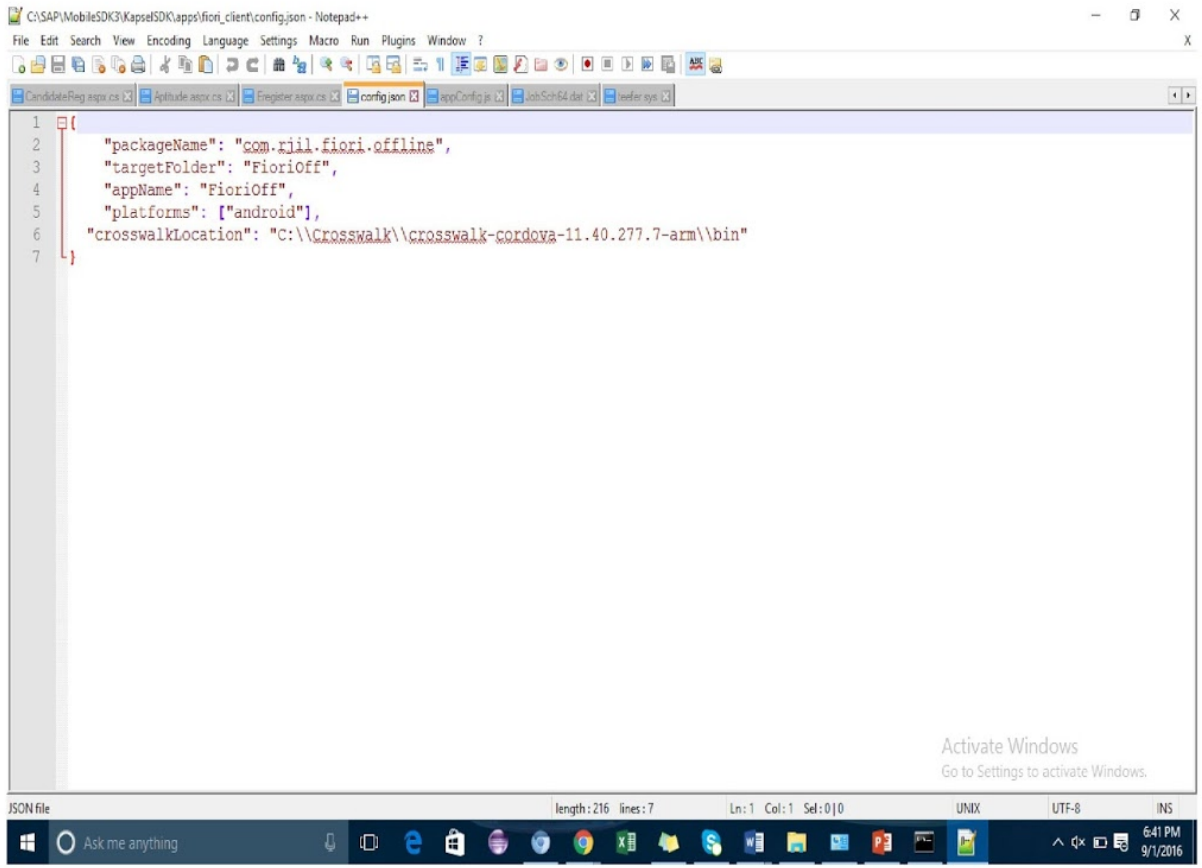
[https://2.bp.blogspot.com/-ky6XtEK6zPU/WkVA9sAsKCI/AAAAAAAAJxE/BOPxN_pf-t4fJWktOat4_3rjFY614XOTQCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-020.jpg]




OneDrive
This PC
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
Local Disk (D:)
Local Disk (E:)
Local Disk (F:)
Network
Activate Windows
Go to Settings to activate Windows.
1 item
1 item selected
Ask me anything
7:45 PM
9/1/2016


fiori_client
File
Home
Share
View
Pin to Quick access
Copy
Paste
Cut
Copy path
Paste shortcut
Clipboard
Move to
Copy to
Delete
Rename
Organize
New item
Easy access
New folder
New
Properties
Open
Edit
History
Open
Select all
Select none
Invert selection
Select
This PC › Local Disk (C:) › SAP › MobileSDK3 › KapselSDK › apps › fiori_client
Search fio...
Quick access
OneDrive
This PC
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
Local Disk (D:)
Local Disk (E:)
Local Disk (F:)
Network
Name
Date modified
Type
Size
FioriOff 8/31/2016 3:36 PM File folder
node_modules 8/25/2016 11:36 AM File folder
template 8/25/2016 11:33 AM File folder
config 8/25/2016 4:09 PM JSON File 1 KB
create_fiori_client 3/31/2016 7:49 PM JavaScript File 6 KB
package 3/31/2016 7:49 PM JSON File 1 KB
README 3/31/2016 7:49 PM MD File 8 KB
Activate Windows
Go to Settings to activate Windows.
7 items
1 item selected 216 bytes
Ask me anything
6:43 PM
9/1/2016

[https://4.bp.blogspot.com/-I1CThxMro-4/WkVA-IWmtLI/AAAAAAAAJxI/8mnnVjCvDBk4JQE0kJV4k6RSglqalS_7gCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-021.jpg]



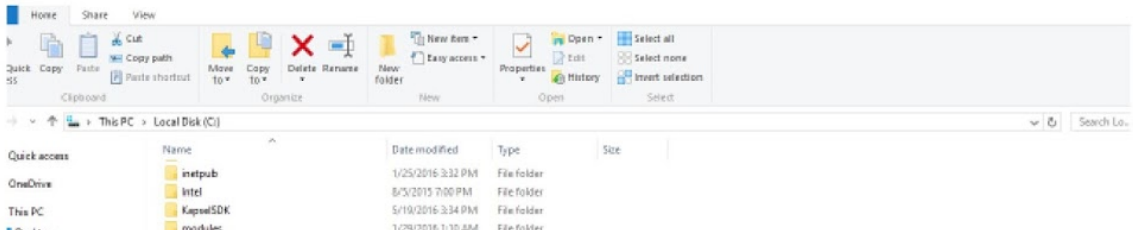
STEP 3: We will run the following command:

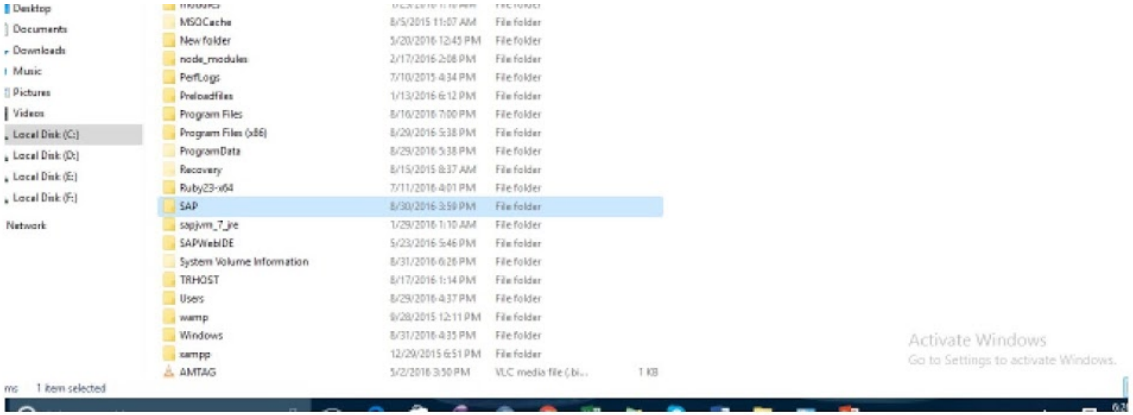
C:\SAP\MOBILESDK3\KAPSELSDK\apps\fiori_client
Run
Node create_fiori_client.js
After this command one folder(FioriOff) will be created i.e given in config.json file

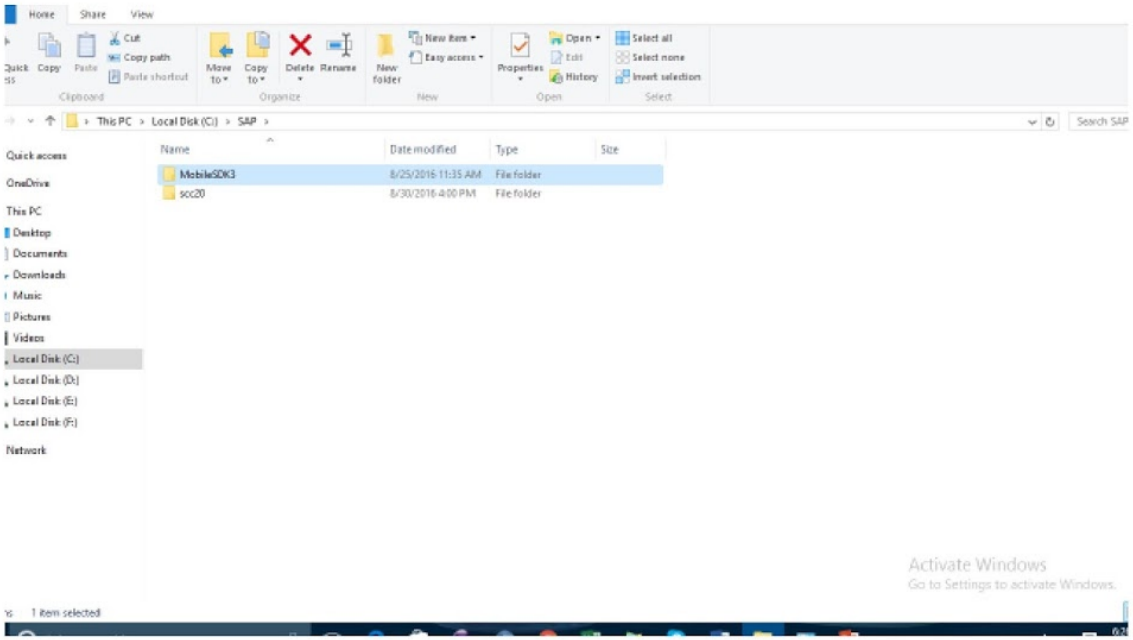
STEP 4: cd FioriOff

C:\SAP\MOBILESDK3\KAPSELSDK\apps\fiori_client\FioriOff
After this Do the change in appConfig.js file whose path is given below.

[https://2.bp.blogspot.com/-AfJiK7mpLwQ/WkVA-OOMCSI/AAAAAAAAJxM/P2ULkRiH3e8TM_zRoT6EYSGLnNvsMGzEgCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-022.jpg]

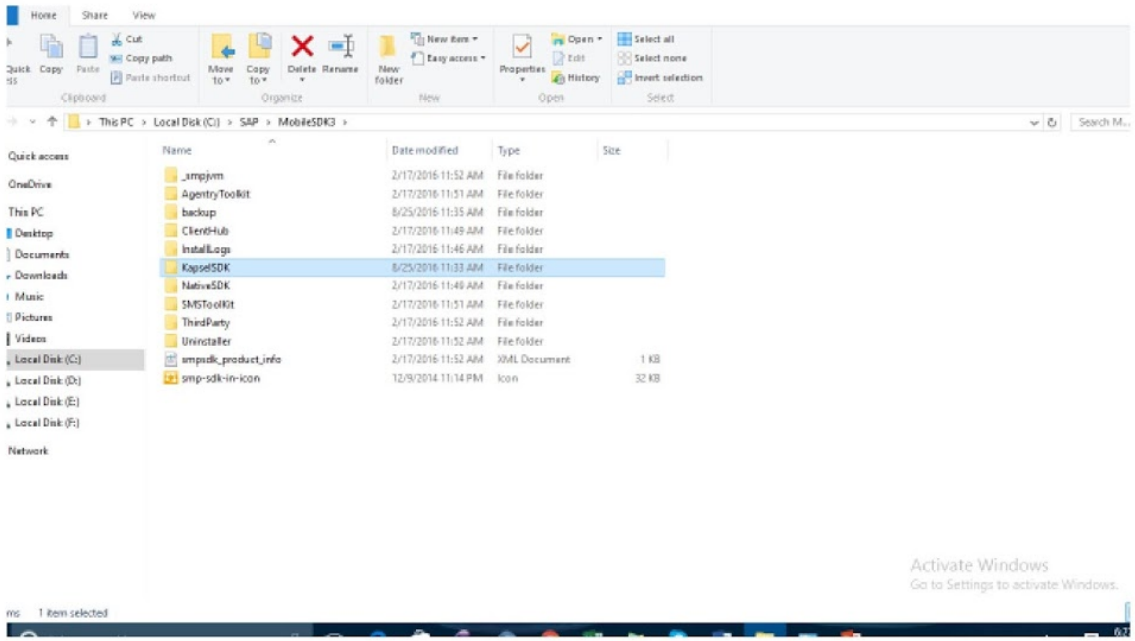


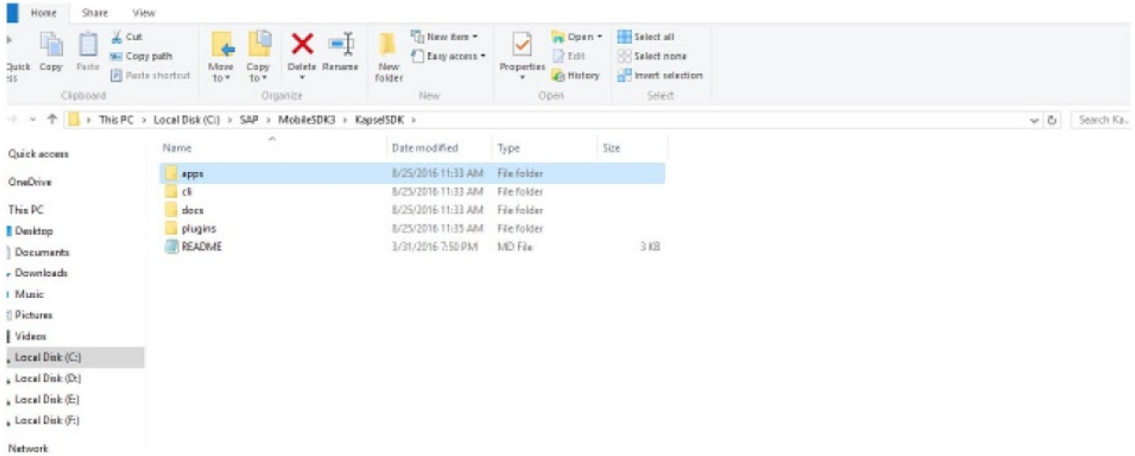




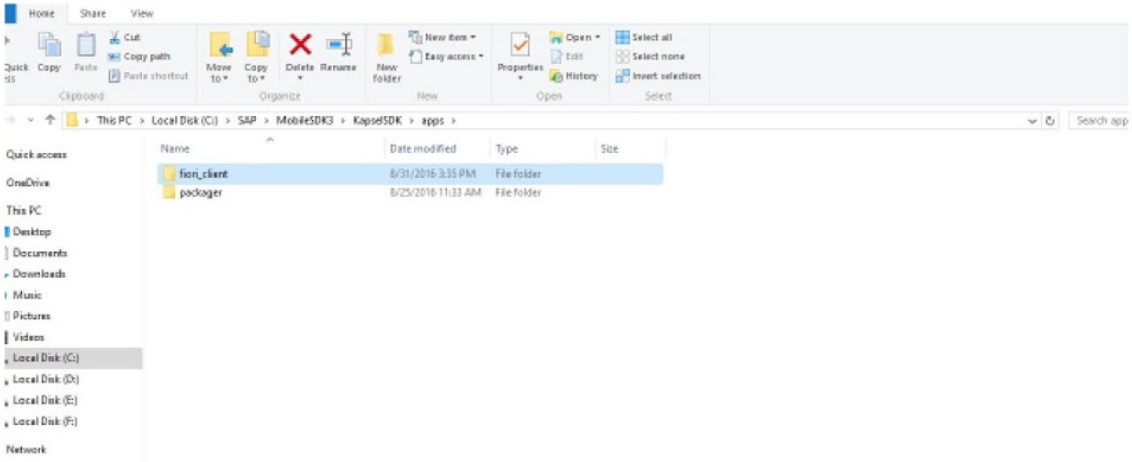
[https://1.bp.blogspot.com/-CMSzMNGiyZk/WkVA-

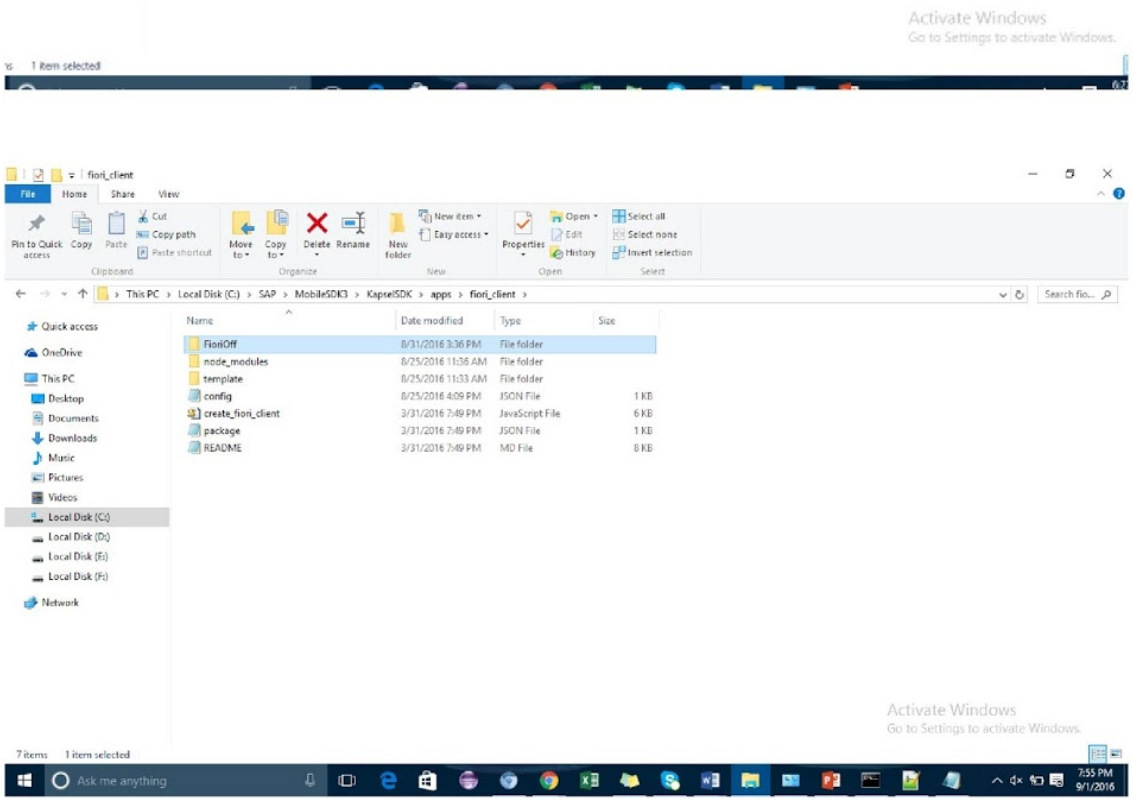
5rBitl/AAAAAAAAJxQ/YedEVB0d0_kQFjbDQZkQ5SRz6Tp2jrgHgCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-023.jpg]



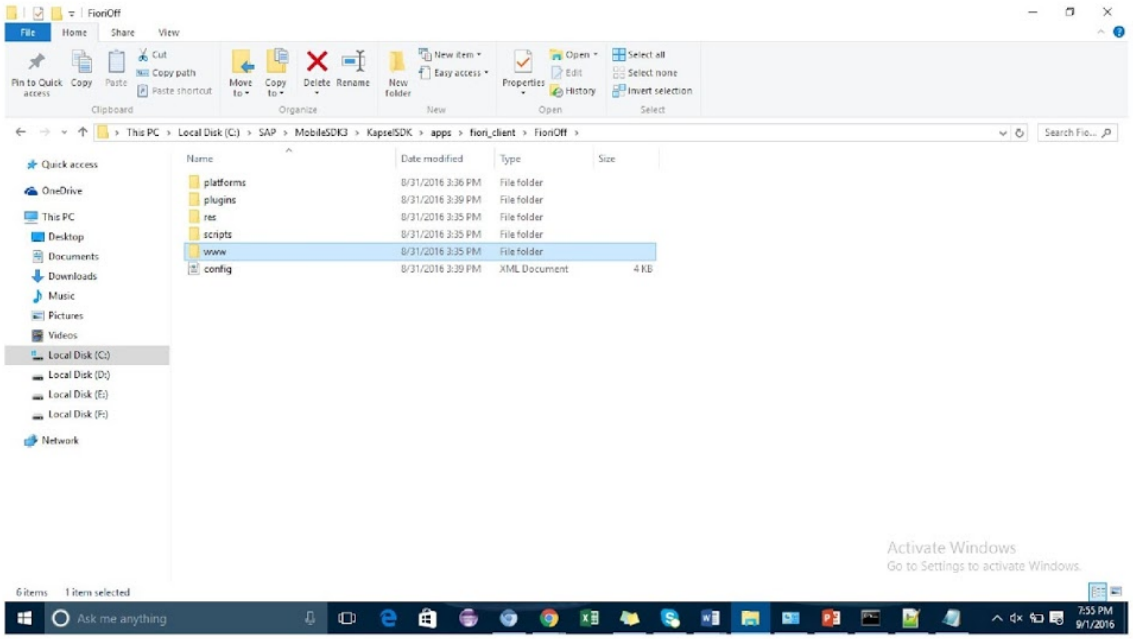


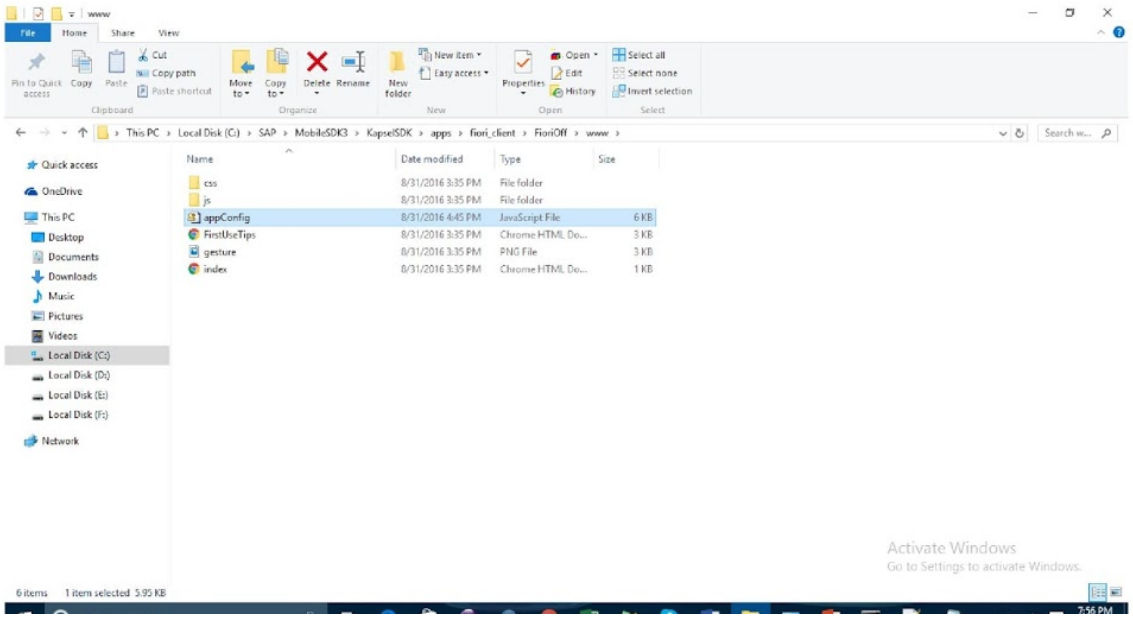
[https://1.bp.blogspot.com/-3OyThwy8Ryk/WkVA_TJNeYI/AAAAAAAAJxU/IZF9LiHf3HkfGwDtKPJbFGwD1IL6Xtx6QCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-024.jpg]





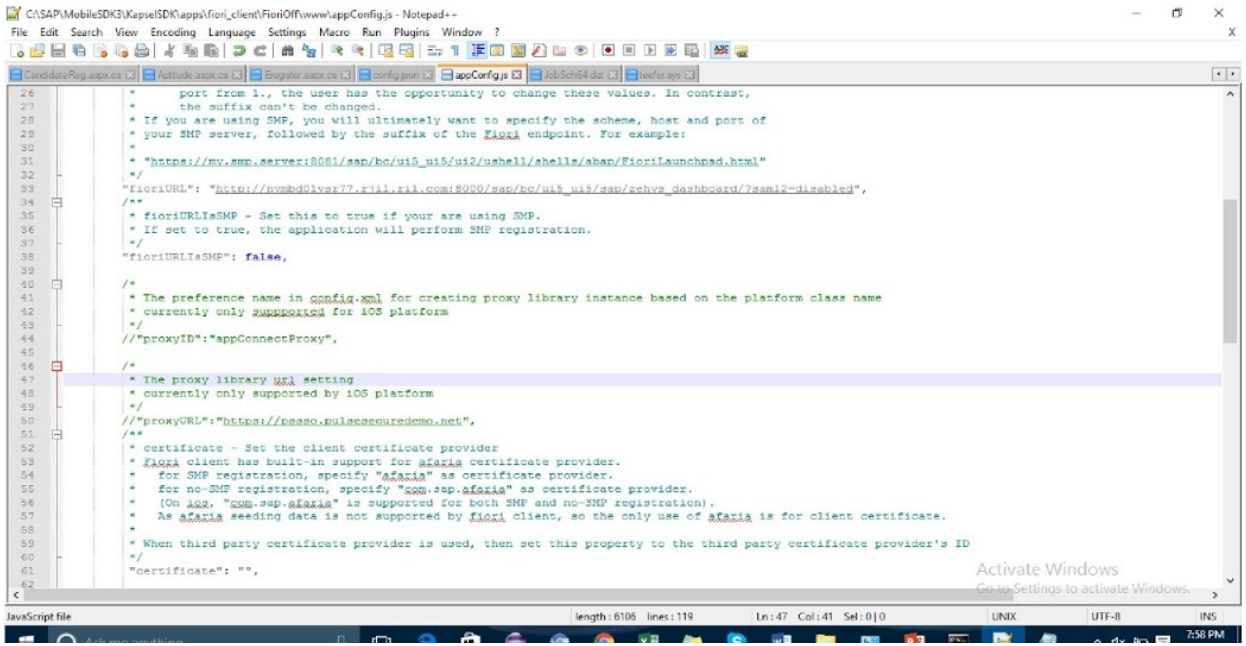
[https://1.bp.blogspot.com/-foLvbL5NMjQ/WkVA_f71ghI/AAAAAAAAJxY/f7ZiDJ0QZA0AkKEiW2cns7DturbFJq_uACEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-025.jpg]


FioriOff
File Home Share View
Pin to Quick access Copy Paste Cut Copy path Paste shortcut
Move to Copy to Delete Rename New folder New item Easy access
Properties Open Edit History Select all Select none Invert selection
Clipboard Organize New Open Select
This PC › Local Disk (C:) › SAP › MobileSDK3 › KapselSDK › apps › fiori_client › FioriOff ›
Search Fio...
Quick access
OneDrive
This PC
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
Local Disk (D:)
Local Disk (E:)
Local Disk (F:)
Network
Name Date modified Type Size
platforms 8/31/2016 3:36 PM File folder
plugins 8/31/2016 3:39 PM File folder
res 8/31/2016 3:35 PM File folder
scripts 8/31/2016 3:35 PM File folder
www 8/31/2016 3:35 PM File folder
config 8/31/2016 3:39 PM XML Document 4 KB
Activate Windows
Go to Settings to activate Windows.
6 items 1 item selected
Ask me anything
7:55 PM
9/1/2016


www
File Home Share View
Pin to Quick access Copy Paste Cut Copy path Paste shortcut
Move to Copy to Delete Rename New folder New item Easy access
Properties Open Edit History Select all Select none Invert selection
Clipboard Organize New Open Select
This PC › Local Disk (C:) › SAP › MobileSDK3 › KapselSDK › apps › fiori_client › FioriOff › www ›
Search w...
Quick access
OneDrive
This PC
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
Local Disk (D:)
Local Disk (E:)
Local Disk (F:)
Network
Name Date modified Type Size
css 8/31/2016 3:35 PM File folder
js 8/31/2016 3:35 PM File folder
appConfig 8/31/2016 4:45 PM JavaScript File 6 KB
FirstUseTips 8/31/2016 3:35 PM Chrome HTML Do... 3 KB
gesture 8/31/2016 3:35 PM PNG File 3 KB
index 8/31/2016 3:35 PM Chrome HTML Do... 1 KB
Activate Windows
Go to Settings to activate Windows.
6 items 1 item selected 5.95 KB

[https://1.bp.blogspot.com/-YDnXcqzBIL8/WkVA_y1DmXI/AAAAAAAAJxc/e5jnh0YblfgTC-31xDXq8aovkNsL45rzQCEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-026.jpg]

Step 5: After that we will do some change in appconfig.js file



And provide the value as given below in appConfig.js file.

```
cordova.define('fiori_client/appConfig', function(require, exports, module) {
    var appConfig = {
        "appID": "com.sap.fiori",
"fioriURL":

"http://nvmbd01vsr77.rjil.ril.com:8000/sap/bc/ui5_ui5/sap/zehys_dashboard/?saml2=disabled",
        "fioriURLIsSMP": false,
        "passcodePolicy": {
            "expirationDays":"0",
            "hasDigits":"false",
            "hasLowerCaseLetters":"false",
            "hasSpecialLetters":"false",
            "hasUpperCaseLetters":"false",
            "defaultAllowed":"true",
            "lockTimeout":"10",
            "minLength":"6",
            "minUniqueChars":"0",
            "retryLimit":"0"
```

[https://2.bp.blogspot.com/-_QDpv1WYAZo/WkVBAXNVi9I/AAAAAAAAJxo/LR3sykqWsh0ow-F35Ap4pB8_o_6hOFN6ACEwYBhgL/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-027.jpg]

```
        }
    };
   module.exports = appConfig;
});
```

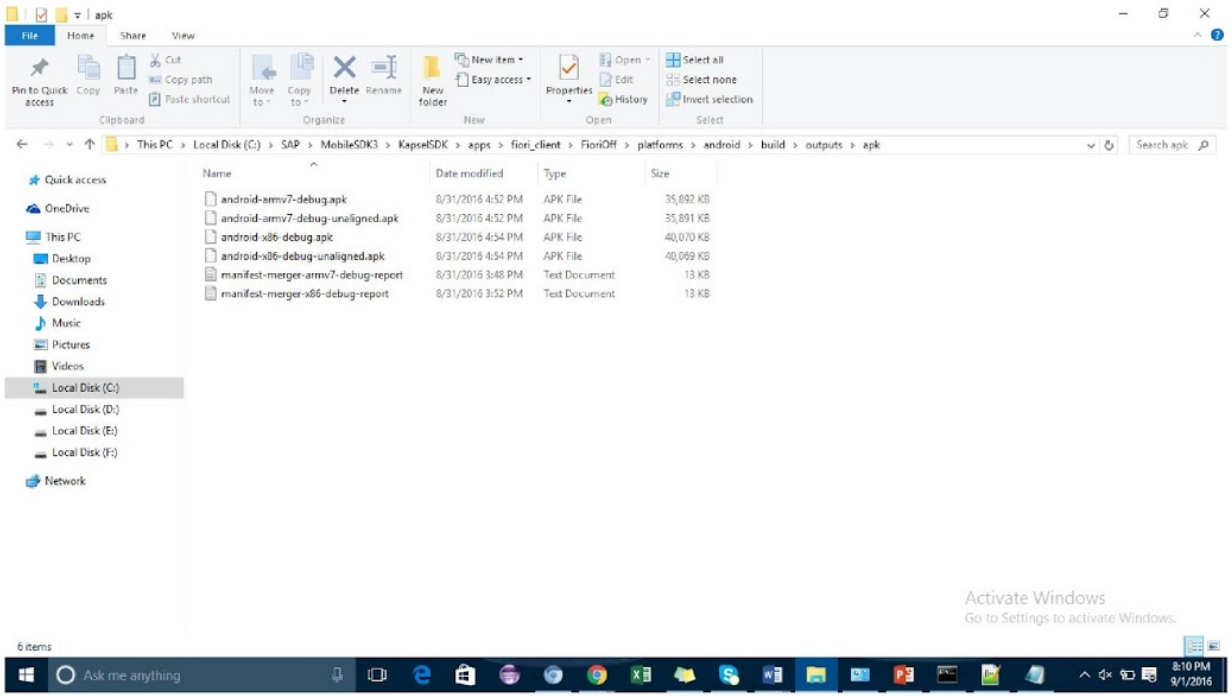
Step 6: After this Run following command as given below:

Step 6: After this Run following command as given below:

C:\SAP\MOBILESDK3\KAPSELSDK\apps\fiori_client\FioriOff\
Run
Cordova –d prepare
Then Run
Cordova build Android
After this build folder will be created

Go To FioriOff folder-→platforms→ android→build→outputs→apk

Then We will see the screen like that where we can see our apk is created for the URL which we have given in "FioriUrls"



**********Done**********

[https://2.bp.blogspot.com/-ByCnGgcM-yo/WkVCDsOKYOI/AAAAAAAAJx0/slgzZ3hvSAEgHVLMiw2q6WySTxrh-hQHQCLcBGAs/s1600/How%2Bto%2BCREATE%2BAPK%2BFILES%2BUSING%2BSMP-page-028.jpg]

Posted 29th December 2017 by Unknown

0 Add a comment

Enter your comment...

Comment as: Sathish B (Goc ▾ Sign out

Publish Preview Notify me