

Assume you had unzipped i.MX Android release package to /opt/ android\_jb4.3\_1.0.0-ga\_source/.

```
# cd ~/
# mkdir myandroid

# cd ~/myandroid
# curl "http://php.webtutor.pl/en/wp-content/uploads/2011/09/repo" > ~/myandroid/repo

# chmod a+x ./repo
```

-----login for git -----

- (1) login website: <https://android.google.com/new-password>
- (2) press "Allow access" button
- (3) get authenticated from google



#### Login for Git:

```
Username: git-feixiangsky99@gmail.com
Password: 1/6yYBfErCLXf_cXZ0VkfFtwDjGgCIAgInj3UNm7dPAE
```

#### Staying Authenticated - Linux and Mac OS X:

To stay authenticated by saving the password, append the following line to the ~/.netrc configuration file:

```
machine android.google.com login git-feixiangsky99@gmail.com password 1/6yYBfErCLXf_cXZ0VkfFtwDjGgCIAgInj3UNm7dPAE
machine android-review.google.com login git-feixiangsky99@gmail.com password 1/6yYBfErCLXf_cXZ0VkfFtwDjGgCIAgInj3UNm7dPAE
```

Make sure you have set the permissions on ~/.netrc so that only your user account can read the file. If your home directory is on a network filesystem, consider moving it to a local disk and making ~/.netrc a symbolic link to the local version.

#### Staying Authenticated - Windows:

To stay authenticated by saving the password, append the following line to the %HOME%\\_netrc configuration file:

```
machine android.google.com login git-feixiangsky99@gmail.com password 1/6yYBfErCLXf_cXZ0VkfFtwDjGgCIAgInj3UNm7dPAE
machine android-review.google.com login git-feixiangsky99@gmail.com password 1/6yYBfErCLXf_cXZ0VkfFtwDjGgCIAgInj3UNm7dPAE
```

- (4) create a new file name ~/.netrc (cd ~/ then touch.netrc)
  - (5) add the following lines from google to the new file(gedit .netrc) -----(copy the user and password and then save quit )
- Appending the following lines at end of “~/.netrc” file.(it need to refresh every time use )

```
machine android.google.com login git-feixiangsky99@gmail.com password 1/6yYBfErCLXf_cXZ0VkfFtwDjGgCIAgInj3UNm7dPAE
machine android-review.google.com login git-feixiangsky99@gmail.com password 1/6yYBfErCLXf_cXZ0VkfFtwDjGgCIAgInj3UNm7dPAE
```

```
# ~/myandroid/repo init -u https://android.google.com/platform/manifest -b android-4.3_r2.1
```

```
# gedit ~/myandroid/.repo/manifest.xml
...
fetch="http://android.google.com" />
...
# ~/myandroid/repo sync (It will take several hours !)
```

```
-----get linux source code -----
#cd ~/myandroid
```

```
#git clone git://git.freescale.com/imx/linux-2.6-imx.git kernel_imx
#cd kernel_imx
#git checkout jb4.3_1.1.0-ga
```

-----get u-boot source code-----

```
# cd ~/myandroid/bootable/bootloader
# git clone git://git.freescale.com/imx/u-boot-imx.git uboot-imx
# git checkout jb4.3_1.1.0-ga
```

-----patch freescale source code to clean android/linux/u-boot source code-----

```
#source /opt/android_jb4.3_1.1.0-ga_source/code/jb4.3_1.1.0-ga/and_patch.sh
#c_patch /opt/android_jb4.3_1.1.0-ga_source/code/jb4.3_1.1.0-ga imx_jb4.3_1.1.0-ga
```

...

```
=====
Applying patch to bootable/recovery
Applying patch to hardware/qcom/wlan
Applying patch to external/wpa_supplicant_8
Applying patch to system/netd
Applying patch to packages/apps/Mms
Applying patch to build
Applying patch to packages/apps/Gallery
Applying patch to packages/apps/LegacyCamera
```

\*\*\*\*\*

Success: Now you can build android code for FSL i.MX platform

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The above means patch is OK !

