**Session 7 :ANDROID STUDIO today :)**

**CONNECT YOUR Devices to the PC/LAPTOP via USB**

**1. Make sure Developers Options MENU is enabled**

**( if not go to SettingsAbout DeviceTap BUILD # 7 times**

**Go back one screen, find Developers Options Menu and go to # 2**

**2. Make sure USB DEBUGING BOX is CHECKED**

**3. OPEN ANDROID STUDIO**

**4. check your devices if “TRUST THIS COMPUTER” notification appears -CONFIRM YES**

**5. Open Emulator**

**6. type : adb devices**

**7. if you have real device , then you will see both : real and emulator**

**HOW TO GET A PACKAGE NAME ( APP should be installed )**

Real device

adb –d shell ( enter )

pm list packages | grep *colabus*

 ( or any other app : calculator, amazon, Walmart .etc )

From Emulator

adb –e shell ( enter )

pm list packages | grep *colabus*

 ( or any other app : calculator, amazon, Walmart .etc )

**HOW to UNINSTALL APP**

Emulator:

adb –e uninstall <package name>

example : adb –e uninstall com.colabus

example by serial number :

 adb –s Emulator-5554 uninstall com.colabus

Real Device

adb –d uninstall <package name>

example : adb –d uninstall com.colabus ( or com.united.mobile.android )

example by serial number :

 adb –s 0001 uninstall com.colabus

***Julia's Question :***

adb devices

emulator-5554

emulator-5556

0001 device (real )

adb -s emulator-5554 uninstall com.colabus

adb -s emulator-5556 uninstall com.colabus

adb -d uninstall com.colabus

add one more real device

emulator-5554

emulator-5556

0001 device (real )

0002 device ( real )

adb -s emulator-5554 uninstall com.colabus

adb -s emulator-5556 uninstall com.colabus

adb -s 0001 uninstall com.colabus

adb -s 0002 uninstall com.colabus

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How to run and collect logfiles

Clean up buffer before each LOG RUN

adb -d logcat -c

*To stop running logs CTRL+C*

* adb –d logcat ( real device )
* adb –e logcat ( emulator )

How to collect logs and automatically place it in a text file

CLEAN UP BUFFER

adb –d logcat –c

* adb –d logcat ><path>name.txt

adb –d logcat >C:\a\class1.txt

MAC

adb –d logcat > ~/Desktop/class1.txt

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Collecting LOGS from APP ( Colabus ) .

Make sure you know package name ( com.colabus )

When you start logging , work on app to get more logs

Windows :

**adb –d logcat | findstr com.colabus >C:\a\class2.txt**

**adb -d logcat >C:\a\class3.txt | adb -d shell grep com.colabus**

MAC

**adb –d logcat > ~\Desktop\class.txt | adb –d shell grep com.colabus**

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Separating logs by level

adb -d logcat ( all levels of logs are being collected)

adb –d logcat \*:E ( only Error level logs collected)

adb –d logcat \*:W ( warning logs)

adb –d logcat \*:I ( information logs )

adb –d logcat \*:F ( fatal logs )

FOR Windows do not use findstr command line if you want to separate level of logs

Windows:

adb -d logcat \*:E >C:\a\baba.txt | adb -d shell grep com.colabus

MAC

adb -d logcat \*:E > ~/Desktop/baba.txt | adb -d shell grep com.colabus

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***Sumana Question.***

How do we know when to stop collecting logs?

1. Clean up buffer

2. Start logcat command line in a terminal

3. Open your APP and start reproducing a problem

4. When problem reproduced, press CTrl+C to stop running logs.

5. Submit logfile along with bugreport in Jira ( Bugzilla or any other reporting system )