**Session 9 :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**

**How to transfer files to/from Device and Computer**

Windows

**Create two folders on your C:\ Drive**

* **Rename first folder to “a”**
* **Rename first folder to “b”**
* **Open Notepad , type “fish” , save it as Fish.txt in C:\a\**
* **Open Notepad , type “bear” , save it as Bear.txt in C:\a\**
* **Leave folder “b” empty for now**

MAC

* **Open Notepad , type “fish” , save it as Fish.\***

 **( depends how Mac OS save a text file ) on a Desktop**

* **Open Notepad , type “bear” , save it as Bear.\***

**( depends how Mac OS save a text file )on a Desktop**

GO to your real device or Emulator

adb –d shell

ls

find directory sdcard

 ( this is a temp directory that you can use )

type exit

( transfer file from PC to Device )

**adb -d push C:/a/fish.txt /sdcard/**

**( space between txt and /sdcard/**

**for Mac**

**adb -d push ~/Desktop/fish.\* /sdcard/**

**repeat for bear.txt**

**adb –d shell**

**cd sdcard**

**ls**

**check for fish.\***

**repeat for bear.txt**

**type exit**

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How to copy files from Device to PC/Laptop

MAC – create folder on Desktop. Name it “a”

Windows – no action ( you already have folders )

adb -d pull /sdcard/fish.txt C:\b\

adb -d pull /sdcard/bear.txt C:\b\

MAC

adb -d pull /sdcard/fish.\* ~/Desktop/a/

adb -d pull /sdcard/bear.\* ~/Desktop/a/

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Lets pull out our Bug Report

* ( make sure menu : Include Bug Reports in a Menu or Bug Report Shortcut enabled in Settings/Developers Options menu )
* Run ( or Submit ) Bug Report menu – run Full Report
* adb –d shell
* ls
* Check if bugreports folder is showing
* cd bugrepors
* ls ( make sure files are there )
* exit
* Once verified the bugreports directory is not empty, type exit
* adb -d pull /bugreports c:\a\

MAC

* adb -d pull /bugreports ~/Desktop/a/

Don’t use it yet. Will update

if you want to collect bugreport in a text file ( OS 7 and higher)

adb -d bugreport >C:\a\name1.txt

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adb bugreport c:\a\bugreport.txt

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How to take a screenshot ?

**adb -d shell screencap -p /sdcard/name.png**

**to retrieve**

**adb -d pull /sdcard/name.png C:\a\**

**MAC**

**adb -d pull /sdcard/name.png ~/Desktop/**

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How to do screen recording? No Audio , Video only

**adb -d shell screenrecord /sdcard/name5.mp4**

**ctrl+c to stop**

Minutes should be listed as seconds ( 1 min -60 sec, 2 min -120 sec, etc )

**adb -d shell screenrecord --time-limit 60 /sdcard/name5.mp4**

**to retrieve**

**Windows**

**adb -d pull /sdcard/name5.mp4 C:\a\**

**MAC**

**adb -d pull /sdcard/name5.mp4 ~/Desktop/**