**Workshop & 창립 기념 행사 목적**

Dear Mr. Lee,

Following are answer for your question

0. Who wrote the environment setting for trac? Have you modified the contents of the BSP?

                Our CEO write new environment setting on trac and then I review and modify a little bit. We follow the last version on Trac and it will work well

<http://10.1.1.5:10010/TX2/wiki/TX2/environment_setup>

1. sudo chown -R root: root gcc-linaro-5.4.1.

        This command is for changing owner of given file; here it means that only root user can read/write/execute file.

The link below has some detail on chown and chmod

<https://www.cyberciti.biz/faq/how-to-use-chmod-and-chown-command/>

2. What is JetPack understood by Hongkwang Researcher? Does it mean the SDK?

                Yes, JetPack is SDK for Jetson TX2

3. Is it a version of the Nvidia Jetpack SDK that modified the source code for OSBE-5000 to be downloaded via git clone (Jetpack-L4T.3.1)?

                Yes, the original version for Jetson TX2 SDK is Jetpack 3.1 and we modify some source code so that it can suitable with our OSBE-5000

4. export JETPACK\_DOWNLOAD = $ {HOME} /JetPack-L4T-3.1\_intact/jetpack\_download  I have seen \* export format and it does not make sense.

                Export command is replace the right side of “=” with left side of “=”. More detail on the link below

<https://www.cyberciti.biz/faq/linux-unix-shell-export-command/>

5. Tegra186\_Linux\_R28.1.0\_aarch64.tbz2, Tegra\_Multimedia\_API\_R28.1.0\_aarch64.tbz2 Why is installed and where is it used?

                Those files contain original files of TX2 SDK; we need this to develop OSBE-5000. When you do

           git clone ssh://{your git [id}@nas/git/JetPack-L4T-3.1.git](mailto:id%7d@nas/git/JetPack-L4T-3.1.git) ${your project root directory}

                Those files did not exist on ${your project root directory} yet. After you extract those file, more content are appeared on your project root directory (/home/$USER/JetPack-L4T-3.1 )

6. We downloaded 7 folders via git download source code. Why do you separate this one by one? Why did not We get it when you first got a Jetpack?

                CEO do not want a lot of source code on our company git server; he only commit something that mandatory; so when other clone source code, it take a little time.

7. What is libncureses5-dev in the U-boot build? Why download?

                Without this, you get error when compiling u-boot

8. We know that make distclean will revert to the state immediately after decompression.

Why do I need make distclean in the u-boot build phase?

                By this command, we can remove all compiled source code (\*.o file) and then starting new compile from beginning

9. cp u-boot.bin $ {OSBE5000\_HOME} / bootloader / t186ref / p2771-0000 / 500 The code above specifies that u-boot.bin goes to eMMC.

What is the relationship between putting in that folder and being loaded in eMMC?

          The command copy recently compile u-boot.bin file to the folder that flashing script (flash.sh) will login, get the file and flash to eMMc

10. In the kernel-related source code, make 0 = $ {} xxx most of the time. What does this mean?

          O=${TEGRA\_KERNEL\_OUT} means that the output of compiled code will be ${TEGRA\_KERNEL\_OUT}, you can check content of ${TEGRA\_KERNEL\_OUT} before and after compiling for more detail

11. What does ./apply\_binaries.sh mean in rootfs?

          After you compile u-boot, kernel, .. and copy them into ${LDK\_DIR}/kernel; you need to execute this command for updating rootfs. If not, new compile file will not be use

12. Where is trac porting rootfs to the target build?

                The rootfs contain all file system that exist on OSBE-5000 such as (/home, /etc, /usr, …). The final goal is flash rootfs files to eMMC; that is the reason why rootfs will be target build

If you have other question, please let me know, I will help you if I know the answer

Thank for your attention.

Best regards,

**1. 기업에 대한 직원들의 인식 제고**

**2. 창립 10주년 기념**

**3. 조직 Vision 수립, 사기 양양**

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