

```
kiott01a@kiott01a-Z20NH-AS51B5U: ~/software
Xilinx.lic          vivado-boards-master
Xilinx_SDx_2018.2_0614_1954  vivado-boards-master.zip
petalinux-v2017.4-final-installer.run
kiott01a@kiott01a-Z20NH-AS51B5U:~/software$ clear

kiott01a@kiott01a-Z20NH-AS51B5U:~/software$ ls
Petalinux-Zybo-Z7-10-2017.4-1.bsp.part  sstate-rel-v2017.4.tar.gz
Xilinx.lic          vivado-boards-master
Xilinx_SDx_2018.2_0614_1954  vivado-boards-master.zip
petalinux-v2017.4-final-installer.run
kiott01a@kiott01a-Z20NH-AS51B5U:~/software$ chmod a+x Petalinux-v2017.4-final-installer.run
chmod: 'Petalinux-v2017.4-final-installer.run'에 접근할 수 없습니다: 그런 파일이나 디렉터리가 없습니다
kiott01a@kiott01a-Z20NH-AS51B5U:~/software$ chmod a+x Petalinux-v2017.4-final-installer.run
kiott01a@kiott01a-Z20NH-AS51B5U:~/software$ chmod a+x petalinux-v2017.4-final-installer.run
kiott01a@kiott01a-Z20NH-AS51B5U:~/software$ lw
lw: 명령을 찾을 수 없습니다
kiott01a@kiott01a-Z20NH-AS51B5U:~/software$ ls
Petalinux-Zybo-Z7-10-2017.4-1.bsp.part  Xilinx_SDx_2018.2_0614_1954  sstate-rel-v2017.4.tar.gz  vivado-boards-master.zip
Xilinx.lic          petalinux-v2017.4-final-installer.run  vivado-boards-master
kiott01a@kiott01a-Z20NH-AS51B5U:~/software$ ./petalinux-v2017.4-final-installer.run /opt/pkg/petalinux
INFO: Checking installer checksum...
```

Peta linux installer를 시작한다.

설치 중간에 각 info 및 약관들이 나오는데 엔터 y q를 반복하면 된다.

```
kiott01a@kiott01a-Z20NH-AS51B5U: ~/software
Use PgUp/PgDn to navigate the license viewer, and press 'q' to close

Press Enter to display the license agreements
Do you accept Xilinx End User License Agreement? [y/N] > y
Do you accept Webtalk Terms and Conditions? [y/N] > y
Do you accept Third Party End User License Agreement? [y/N] > y
INFO: Checking installation environment requirements...
INFO: Checking free disk space
INFO: Checking installed tools
ERROR: You are missing the following system tools required by PetaLinux:

- gawk
- xvfb-run
- chrpath
- socat
- autoconf
- libtool
- gawk
- texinfo
- zlib1g-dev
- gcc-multilib
- libstdc++2.0-dev
- libglib2.0-dev

Please check PetaLinux installation guide - required tools and libraries package section for detailed information
```

이와 같이 여러 메시지가 나오면서 설치가 중단되면

sudo apt-get update를 한번 해주고

sudo apt-get install (없는 라이브러리 명)을 입력한다.

```

kiott01a@kiott01a-Z20NH-AS51B5U: ~/software
INFO: Checking installation environment requirements...
INFO: Checking free disk space
INFO: Checking installed tools
ERROR: You are missing the following system tools required by PetaLinux:

- xvfb-run
Please check PetaLinux installation guide - required tools and libraries package section for detailed information

INFO: Checking installed development libraries
ERROR: You are missing these development libraries required by PetaLinux:

- ncurses
- openssl

Please install them with your operating system package manager, and try again
WARNING: Please install required packages.

Please refer to the PetaLinux Tools Installation Guide.

Check the troubleshooting guide at the end of that manual, and if you are
unable to resolve the issue please contact customer support with file:
/home/kiott01a/software/petalinux_installation_log

kiott01a@kiott01a-Z20NH-AS51B5U:~/software$ sudo apt-get install xvfb
[sudo] password for kiott01a:
패키지 목록을 읽는 중입니다... 완료
의존성 트리를 만드는 중입니다
상태 정보를 읽는 중입니다... 완료
다음 패키지가 자동으로 설치되었지만 더 이상 필요하지 않습니다:
linux-headers-4.15.0-29 linux-headers-4.15.0-29-generic linux-headers-4.15.0-39 linux-headers-4.15.0-39-generic
linux-headers-4.15.0-42 linux-headers-4.15.0-42-generic linux-headers-4.15.0-43 linux-headers-4.15.0-43-generic

```

위 3개 라이브러리에 대해서는 아래와 같이 한다.

```
sudo apt-get install xvfb
```

```
sudo apt-get install libssl-dev
```

```
sudo apt-get install libncurses5-dev
```

```

kiott01a@kiott01a-Z20NH-AS51B5U: ~/software
linux-modules-extra-4.15.0-29-generic linux-modules-extra-4.15.0-39-generic linux-modules-extra-4.15.0-42-generic
linux-modules-extra-4.15.0-43-generic
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  xserver-common
다음 새 패키지를 설치할 것입니다:
  xvfb
다음 패키지를 업그레이드할 것입니다:
  xserver-common
1개 업그레이드, 1개 새로 설치, 0개 제거 및 80개 업그레이드 안 함.
805 k바이트 아카이브를 받아야 합니다.
이 작업 후 2,249 k바이트의 디스크 공간을 더 사용하게 됩니다.
계속 하시겠습니까? [Y/n] y
받기:1 http://kr.archive.ubuntu.com/ubuntu xenial-updates/main amd64 xserver-common all 2:1.18.4-0ubuntu0.8 [27.7 kB]
받기:2 http://kr.archive.ubuntu.com/ubuntu xenial-updates/universe amd64 xvfb amd64 2:1.18.4-0ubuntu0.8 [777 kB]
내려받기 805 k바이트, 소요시간 3초 (229 k바이트/초)
(데이터베이스 읽는중 ...현재 372332개의 파일과 디렉터리가 설치되어 있습니다.)
Preparing to unpack .../xserver-common_2%3a1.18.4-0ubuntu0.8_all.deb ...
Unpacking xserver-common (2:1.18.4-0ubuntu0.8) over (2:1.18.4-0ubuntu0.7) ...
Selecting previously unselected package xvfb.
Preparing to unpack .../xvfb_2%3a1.18.4-0ubuntu0.8_amd64.deb ...
Unpacking xvfb (2:1.18.4-0ubuntu0.8) ...
Processing triggers for man-db (2.7.5-1) ...
xserver-common (2:1.18.4-0ubuntu0.8) 설정하는 중입니다 ...
xvfb (2:1.18.4-0ubuntu0.8) 설정하는 중입니다 ...
kiott01a@kiott01a-Z20NH-AS51B5U:~/software$ sudo mkdir -p /opt/pkg/petalinux
kiott01a@kiott01a-Z20NH-AS51B5U:~/software$ sudo chown kiott01a -R /opt/pkg
chown: 잘못된 사용자: 'kiott01a'
kiott01a@kiott01a-Z20NH-AS51B5U:~/software$ sudo chown kiott01a -R /opt/pkg
kiott01a@kiott01a-Z20NH-AS51B5U:~/software$ sudo chgrp kiott01a -R /opt/pkg
kiott01a@kiott01a-Z20NH-AS51B5U:~/software$

```

경로 에러가 발생하면

아래와 같이 경로의 권한을 변경해준다.