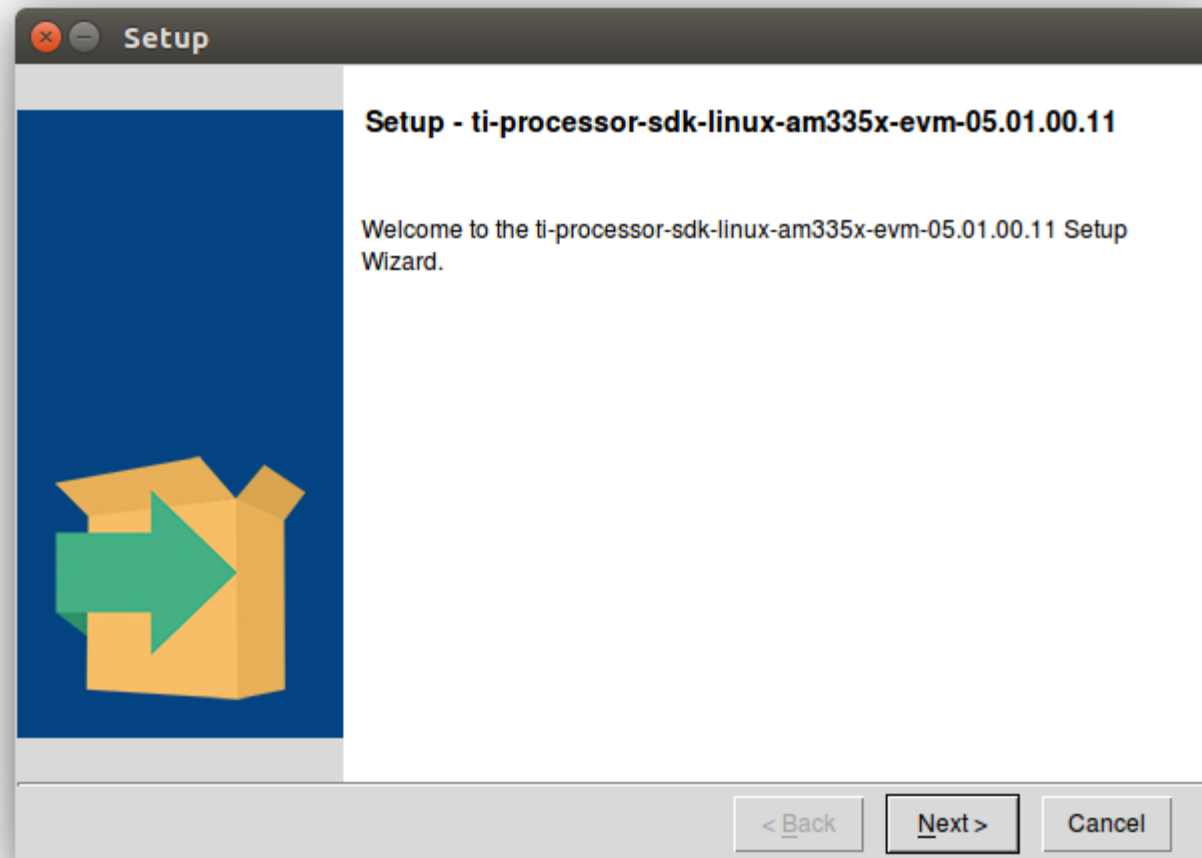


Ready to Analysis BeagleBone Based Device Driver

**Innova Lee(이상훈)
gcccompil3r@gmail.com**

```
sdr@sdr-Samsung-DeskTop-System:~/sw/sdk$ ls
ti-processor-sdk-linux-am335x-evm-05.01.00.11-Linux-x86-Install.bin
sdr@sdr-Samsung-DeskTop-System:~/sw/sdk$ ./ti-processor-sdk-linux-am335x-evm-05.01.00.11-Linux-x86-Install.bin
```



Setup

Linux Environment Support Message



It is highly recommend that the user, or especially new users, install this SDK into a Ubuntu 14.04 or Ubuntu 16.04 distribution environment. This is the environment that was used to develop and test this SDK.

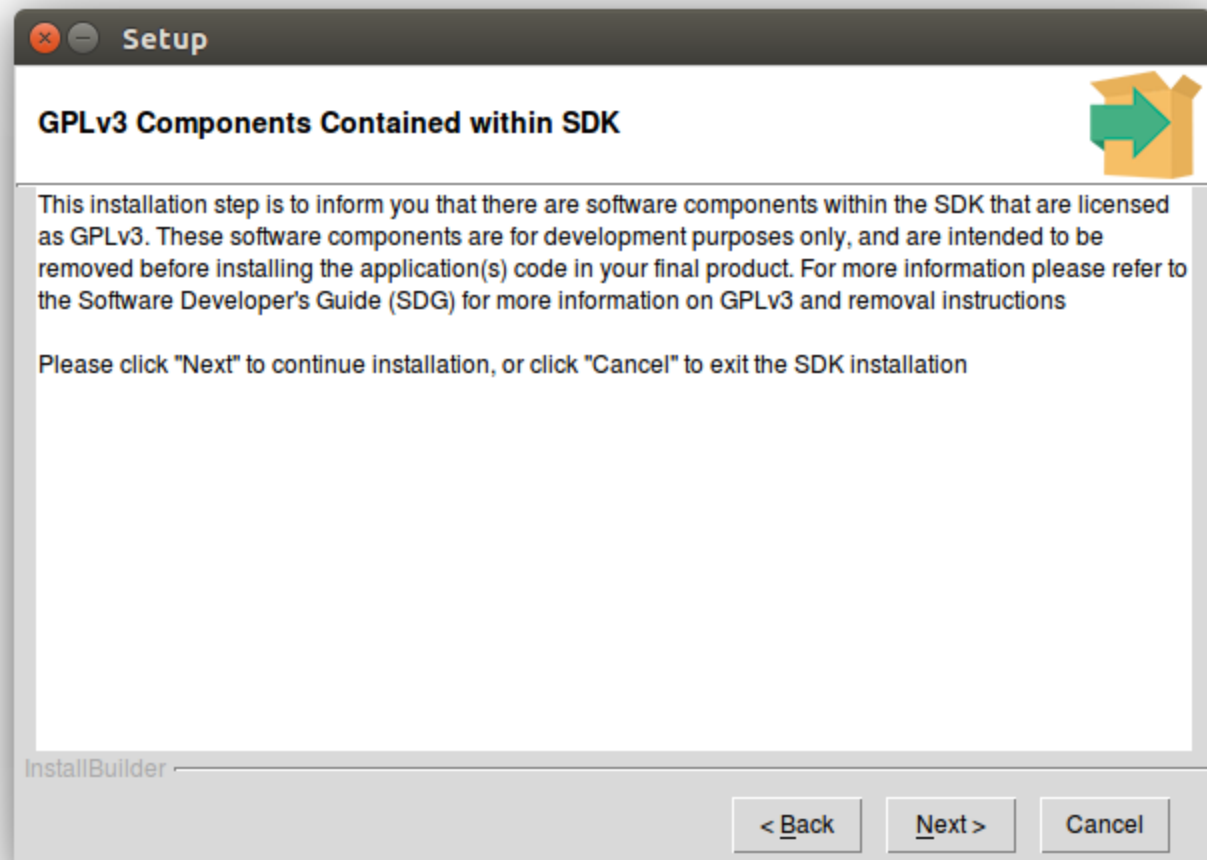
Please note that this suggestion does not prevent the SDK from installing on other Linux Distributions.

InstallBuilder

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Cancel



Setup

Choose Destination Location



Setup will install ti-processor-sdk-linux-am335x-evm in the following folder.

To install to this folder, click "Forward". To install to a different folder, click the browse icon and select another folder.

Destination Folder

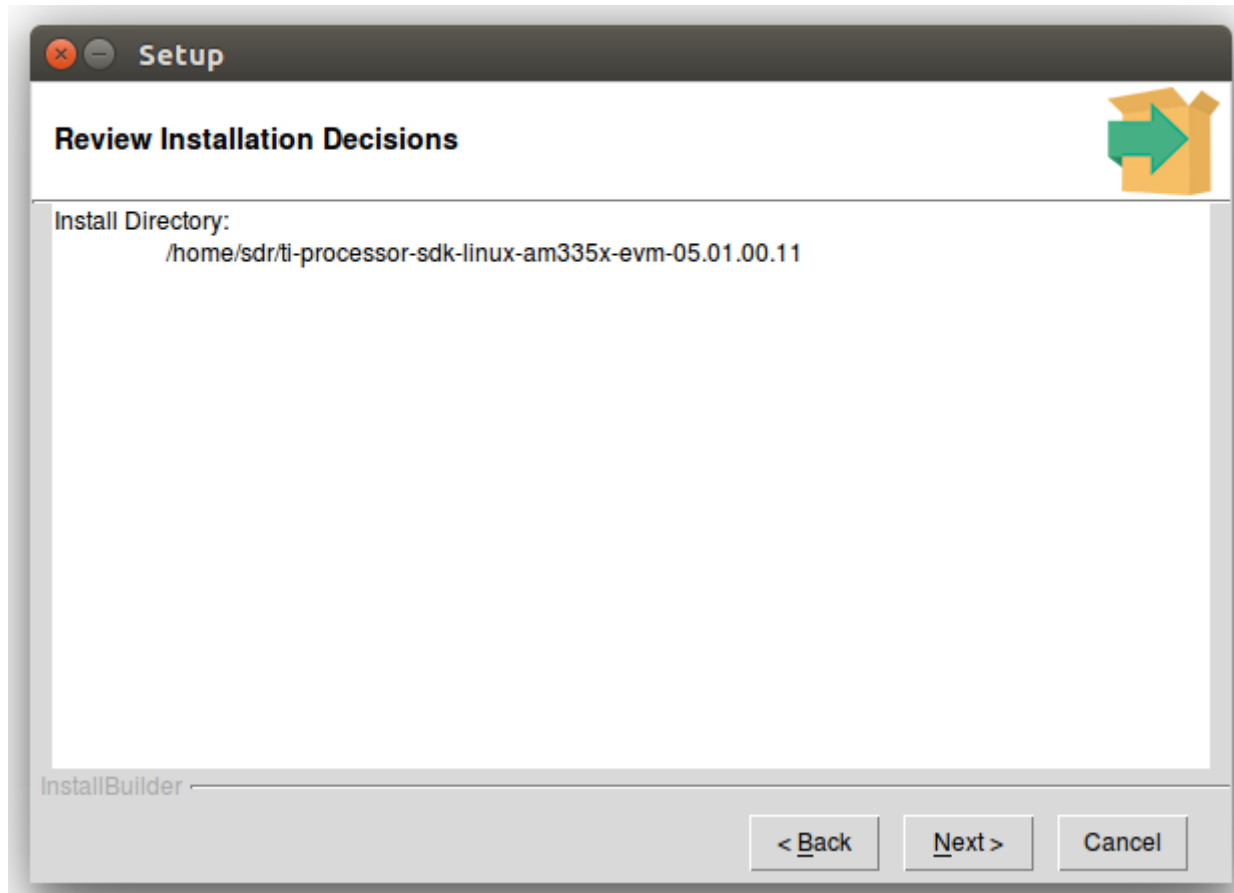


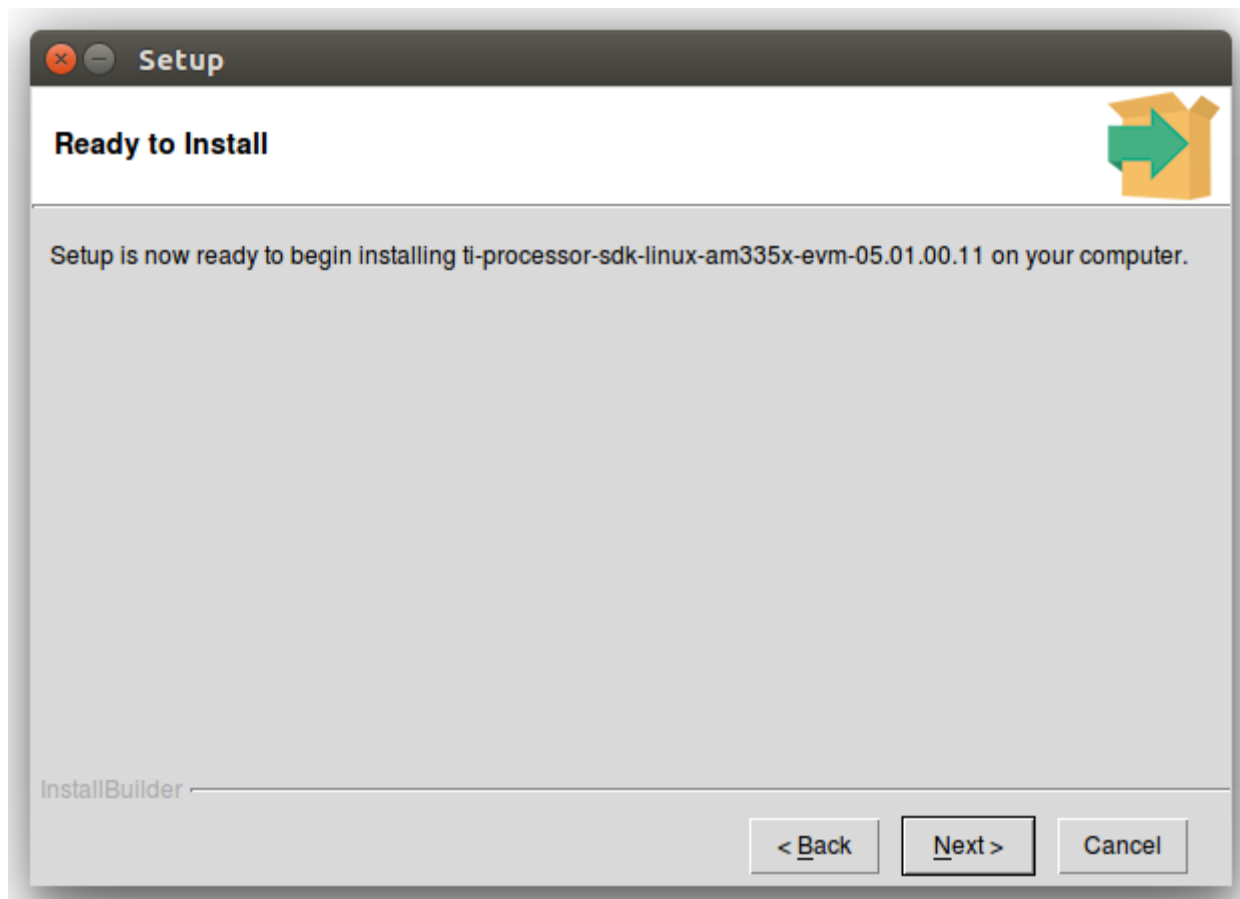
InstallBuilder

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Cancel





Setup

Installing



Please wait while Setup installs ti-processor-sdk-linux-am335x-evm-05.01.00.11 on your computer.

Installing

Unpacking /home/sdr/t[...]1/processor-sdk-linux-image-am335x-evm.tar.xz

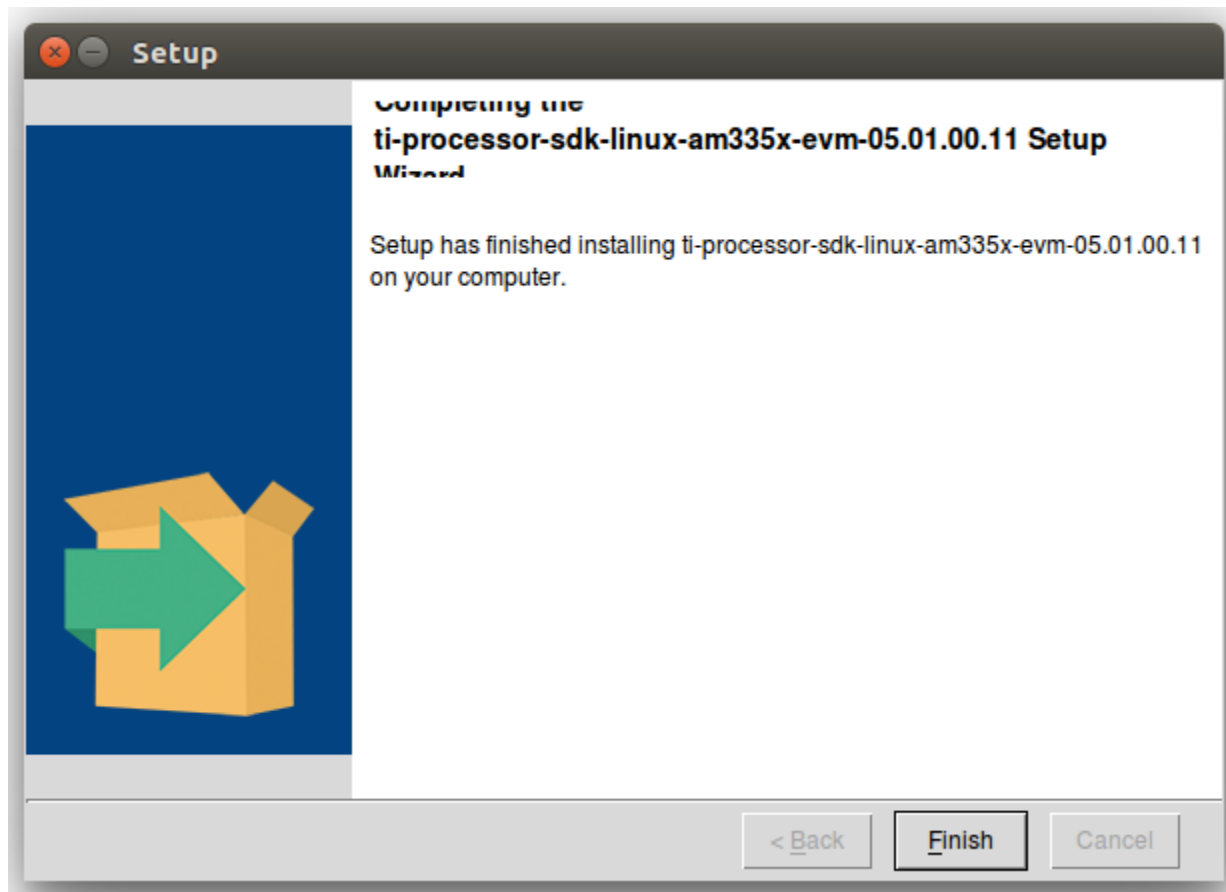



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Cancel





```
sdr@sdr-Samsung-DeskTop-System:~/sw/sdk$ ls
ti-processor-sdk-linux-am335x-evm-05.01.00.11-Linux-x86-Install.bin
sdr@sdr-Samsung-DeskTop-System:~/sw/sdk$ ls ~
android                petalinux_zynq
Android               Pictures
apmplanner2           PlayOnLinux's virtual drives
arduino               Public
Arduino              01
C++                  qt_workspace
clion                 self_drive
CLionProjects         sw
Desktop              Templates
Documents            test
down_ccs             ti
Downloads            ti-processor-sdk-linux-am335x-evm-05.01.00.11
down_qt              ti-processor-sdk-linux-am57xx-evm-04.03.00.05
examples.desktop     ti-processor-sdk-linux-am57xx-evm-05.00.00.15
fpga                 tmp_boot
i2c_proj             tmp_fs
install_vivado       usb
ip_repo              Videos
lab                  workspace_v8
lab_fpga             zynq_fpga
lecture              zynq_test
Music                zynq_workspace
my_proj              zynq_zybo
ocv
sdr@sdr-Samsung-DeskTop-System:~/sw/sdk$
```

Linux Kernel 및 시스템 프로그래밍에서 배웠던 소스 코드 드라이빙을 적극 활용하여 분석을 시작한다.

```
sdr@sdr-Samsung-DeskTop-System:~/ti-processor-sdk-linux-am335x-evm-05.01.00.11$  
ls  
bin                docs                filesystem          linux-devkit.sh    Rules.make  
board-support      example-applications  linux-devkit        Makefile           setup.sh  
sdr@sdr-Samsung-DeskTop-System:~/ti-processor-sdk-linux-am335x-evm-05.01.00.11$  
cd board-support/  
sdr@sdr-Samsung-DeskTop-System:~/ti-processor-sdk-linux-am335x-evm-05.01.00.11/  
board-support$ ls  
extra-drivers  
linux-4.14.67+gitAUTOINC+d315a9bb00-gd315a9bb00  
prebuilt-images  
u-boot-2018.01+gitAUTOINC+cdb1cc0a9e-gcdb1cc0a9e  
sdr@sdr-Samsung-DeskTop-System:~/ti-processor-sdk-linux-am335x-evm-05.01.00.11/  
board-support$ cd linux-4.14.67+gitAUTOINC+d315a9bb00-gd315a9bb00/  
sdr@sdr-Samsung-DeskTop-System:~/ti-processor-sdk-linux-am335x-evm-05.01.00.11/  
board-support/linux-4.14.67+gitAUTOINC+d315a9bb00-gd315a9bb00$ ls  
arch      Documentation  ipc          Makefile    security    virt  
block     drivers       Kbuild      mm          sound  
certs     firmware      Kconfig     net         ti_config_fragments  
COPYING   fs            kernel      README     TISDK-README  
CREDITS   include       lib         samples    tools  
crypto    init          MAINTAINERS scripts     usr  
sdr@sdr-Samsung-DeskTop-System:~/ti-processor-sdk-linux-am335x-evm-05.01.00.11/  
board-support/linux-4.14.67+gitAUTOINC+d315a9bb00-gd315a9bb00$ █
```