

**"Failed to start bitbake environment" 라는 에러** 컴퓨터공학

2020. 5. 3. 22:02 수정 삭제

<https://blog.naver.com/ultraraptor/221943739141> 복사

통계보기

번역하기

Failed to start bitbake environment 라는 에러가 계속 발생중이라서 해결을 하지 못하고 있습니다. ㅠㅠ

아래의 명령어를 입력할때 발생하고요

```
devtool deploy-target -s myhelloworld root@192.168.35.203
```

제가 만든 hello world 는 아래 디렉토리에 위치합니다.

```
/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stm32mp1/hello_world_example$
```

혹시 다른 디렉토리인지 좀 돌려봐도... 아니고 이거 뭐 구글신에게 검색해봐도 나오지 않아서.. 포기한 심정으로 여기에 글을 남겨봅니다.

아래 사진 두장은 에러 발생시의 스크린샷과 / history 명령어 입니다.

```
dhkim@dhkim-OptiPlex-9020: ~/stm32mp1/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stm32mp1/hello_world_example
534 bitbake virtual/kernel -C menuconfig
535 grep -l CONFIG_CMA_SIZE_MBYTES ~/stm32mp1/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stm32mp1/workspace/sources/linux-stm32mp1/.config.new
536 cd workspace/sources/linux-stm32mp1/
537 cd ../../..
538 ls
539 bitbake virtual/kernel -C compile
540 scp /home/dhkim/stm32mp1/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stm32mp1/tmp-glibc/deploy/images/stm32mp1/stm32mp157c-ed1.dtb root@192.168.35.203:/boot
541 ls
542 cd workspace/sources/linux-stm32mp1/
543 gedit ./drivers/gpu/drm/stm/drv.c
544 cd ../../..
545 ls
546 bitbake virtual/kernel -C compile
547 scp /home/dhkim/stm32mp1/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stm32mp1/tmp-glibc/deploy/images/stm32mp1/stm32mp157c-ed1.dtb root@192.168.35.203:/boot
548 ninja-20-02-19/build-openstlinuxweston-stm32mp1/
549 scp /home/dhkim/stm32mp1/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stm32mp1/tmp-glibc/deploy/images/stm32mp1/uImage root@192.168.35.203:/boot
550 cd workspace/sources/linux-stm32mp1/
551 gedit drivers/media/platform/vivid/vivid-core.c
552 cd ../../..
553 ls
554 bitbake virtual/kernel -C compile
555 ls
556 devtool deploy-target -s linux-stm32mp root@192.168.35.203:/
557 ls
558 cd workspace/sources/
559 cd ../../..
560 ls
561 devtool add mymodule kernel_module_example/
562 mkdir kernel_module_example
563 cd kernel_module_example/
564 gedit kernel_module_example.c
565 gedit Makefile
566 ls
567 kls
568 ls
569 cd ../
570 ls
571 devtool add mymodule kernel_module_example/
572 devtool edit-recipe mymodule
573 devtool build mymodule
574 devtool deploy-target -s mymodule root@192.168.35.203
575 DISTRO=openstlinux-weston MACHINE=stm32mp1 source layers/meta-st/scripts/envsetup.sh
576 cd ../
577 ls
578 DISTRO=openstlinux-weston MACHINE=stm32mp1 source layers/meta-st/scripts/envsetup.sh
579 ls
580 devtool build mymodule
581 devtool deploy-target -s mymodule root@192.168.35.203
582 ls
583 mkdir hello_world_example
584 cd hello_world_example/
585 gedit hello_world_example.c
586 ls
587 cd ..
588 ls
589 devtool add myhelloworld hello_world_example/
590 devtool edit-recipe myhelloworld
591 devtool deploy-target -s myhelloworld root@192.168.35.203
592 ls
593 cd hello_world_example/
594 history
```

```

dhkin@dhkin-OptiPlex-9020: ~/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1/hello_world_example
NOTE: Started PRServer with DBfile: /home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1/cache/prserv.sqlite3, IP: 127.0.0.1, PORT: 35115, PID: 974
Loading cache: 100% [#####] Time: 0:00:00
Loaded 3569 entries from dependency cache.

WARNING: /home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1/workspace/recipes/mymodule/mymodule.bb: Exception during build_dependencies for do_install
WARNING: /home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1/workspace/recipes/mymodule/mymodule.bb: Error during finalise of /home/dhkin/stn32mp/Distribution-Pa
kage/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1/workspace/recipes/mymodule/mymodule.bb
ERROR: Failed to start bitbake environment
Traceback (most recent call last):
  File "/home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/layers/openembedded-core/bitbake/lib/bb/codeparser.py", line 370, in ShellParser.parse_shell(value='\t# NOTE: unable to determine wha
t to put here - there is a Makefile but no \n\t# target named "install", so you will need to define this yourself\n\t\tinstall -d /home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstl
inuxweston-stn32mp1/tmp-glibc/work/stn32mp1-ostl-linux-gnueabi/mymodule/1.0-r0/image/lib/modules/4.19.94/font\n\t\tinstall -m 0755 /home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/bui
ld-openstlinuxweston-stn32mp1/kernel_module_example/kernel_module_example.ko /home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1/tmp-glibc/work/stn32mp1-ostl-lin
ux-gnueabi/mymodule/1.0-r0/image/lib/modules/4.19.94/ </font>\n\n\t\tinstall -d /home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1/tmp-glibc/work/stn32mp1-ostl-lin
ux-gnueabi/mymodule/1.0-r0/image/etc/modules-load.d /home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1/tmp-glibc/work/stn32mp1-ostl-linux-gnueabi/mymodule/
1.0-r0/image/etc/modules-load.d/1
    try:
        tokens, _ = pyshyacc.parse(value, eof=True, debug=False)
    except pyshlex.NoMore:
        File "/home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/layers/openembedded-core/bitbake/lib/bb/pysh/pyshyacc.py", line 673, in parse(input='\t# NOTE: unable to determine what to put here -
there is a Makefile but no \n\t# target named "install", so you will need to define this yourself\n\t\tinstall -d /home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32
mp1/tmp-glibc/work/stn32mp1-ostl-linux-gnueabi/mymodule/1.0-r0/image/lib/modules/4.19.94/font\n\t\tinstall -m 0755 /home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxwe
ston-stn32mp1/kernel_module_example/kernel_module_example.ko /home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1/tmp-glibc/work/stn32mp1-ostl-linux-gnueabi/mymod
ule/1.0-r0/image/lib/modules/4.19.94/ </font>\n\n\t\tinstall -d /home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1/tmp-glibc/work/stn32mp1-ostl-linux-gnueabi/m
ymodule/1.0-r0/image/etc/modules-load.d /home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1/tmp-glibc/work/stn32mp1-ostl-linux-gnueabi/mymodule/1.0-r0/image/etc
/modules-load.d/1\n', eof=True, debug=False):
        debug = 2
    > return yacc.parse(lexer=lexer, debug=debug), remaining
  File "/home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/layers/openembedded-core/bitbake/lib/bb/pysh/pyshyacc.py", line 267, in LRParser.parse(input=None, lexer=bb.pysh.pyshlex.PLYLexer object at 0
x7f32f366927b, debug=False, tracking=0, tokenfunc=None):
    > else:
    >     return self.parseopt_notrack(input,lexer,debug,tracking,tokenfunc)
  File "/home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/layers/openembedded-core/bitbake/lib/bb/pysh/pyshyacc.py", line 1049, in LRParser.parseopt_notrack(input=None, lexer=bb.pysh.pyshlex.PLYLexer
object at 0x7f32f366927b, debug=False, tracking=0, tokenfunc=None):
    >     errtoken.lexer = lexer
    >     tok = self.errorfunc(errtoken)
    >     del errtok, token, restart # Delete special functions
  File "/home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/layers/openembedded-core/bitbake/lib/bb/pysh/pyshyacc.py", line 646, in p_error(p=LexToken(NEMLINE,'\n',0,0)):
    >     raise sherrors.ShellSyntaxError('\n'.join(msg))

bb.pysh.sherrors.ShellSyntaxError: LexToken(NEMLINE,'\n',0,0)
followed by:
LexToken(TOKEN,'install',0,0)
LexToken(TOKEN,'-m',0,0)
LexToken(TOKEN,'0755',0,0)
LexToken(TOKEN,'/home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1/kernel_module_example/kernel_module_example.ko',0,0)
LexToken(TOKEN,'/home/dhkin/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1/tmp-glibc/work/stn32mp1-ostl-linux-gnueabi/mymodule/1.0-r0/image/lib/modules/4.19.94/',0,0)

Summary: There were 2 WARNING messages shown.
Summary: There was 1 ERROR message shown, returning a non-zero exit code.
ERROR: Failed to start bitbake environment
dhkin@dhkin-OptiPlex-9020: ~/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1$
dhkin@dhkin-OptiPlex-9020: ~/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1$
dhkin@dhkin-OptiPlex-9020: ~/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1$ ls
bitbake-cookerdaemon.log  cache  downloads  kernel_module_example  tmp-glibc
buildhistory  conf  hello_world_example  sstate-cache  workspace
dhkin@dhkin-OptiPlex-9020: ~/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1$ cd hello_world_example/
dhkin@dhkin-OptiPlex-9020: ~/stn32mp/Distribution-Package/openstlinux-20-02-19/build-openstlinuxweston-stn32mp1/hello_world_example$

```