

Linux From Scratch - Version 12.1-systemd		
Important Preliminary Material		
	/	

ii.

5 6

가

3


chroot

LFS

가

LFS

가



LFS ()

LFS

가

가

• Build

“ ”

• Host

/ “ ”

• Target

가

(“Canadian Cross”)

가

A

ccA

(B)

(B)

(C)

C



32 Intel
linux-x86-64.so.2

ld-linux.so.2 , 64
가

ld-
:
glibc

readelf -l <

> | grep interpreter.
shlib-versions

LFS 가 LFS_TGT
"vendor" "lfs" .
-with-sysroot 6

가

Stage	Build	Host	Target	Action	
1	pc	pc	lfs	pc	cc-pc cc1
2	pc	lfs	lfs	pc	cc-1 cc-lfs
3	lfs	lfs	lfs	lfs	cc-lfs cc-lfs

"pc" "lfs"

chroot .
glibc GNU C 가 ("musl")
LFS , cc1
libgcc , 가
C++ (libstdc++) glibc
" " .
cc1 libgcc , glibc (glibc
) libstdc++ libgcc
cc1 libgcc libstdc++ , 2
C/C++ cc1 . 2
cc-lfs 가 가 cc1 . 2
• cc-lfs PC() . PC lfs libc
lfs (: musl) (: glibc-2.13)
• cc-lfs가 PC cc-lfs PC PC

gcc 2 cc1 libgcc libstdc++ ,
libstdc++ libgcc
libstdc++가

8 (" 3 ") LFS 가
LFS

LFS LFS

8

6

7

가

6

```
gcc configure
PATH
print-prog-name=ld
$CC=$LFS_TGT-gcc
$CC -v example.c
Linux API
glibc
configure
$CC=$LFS_TGT-gcc
$CC -v example.c
checking what assembler to use... /mnt/lfs/tools/i686-lfs-linux-gnu/bin/as
checking what linker to use... /mnt/lfs/tools/i686-lfs-linux-gnu/bin/ld
```

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```

```

DESTDIR          LFS          .
6               LFS          가          .          DESTDIR
binutils-pass2가 ,          gcc          가          .
gcc              가
  CC_FOR_TARGET cc          .
CC_FOR_TARGET=$LFS_TGT-gcc가 .
7               가          .          가          .
. 8
.

```

From:
<https://www.gamu.kr/dokuwiki/> -

Permanent link:
https://www.gamu.kr/dokuwiki/linuxfromscratch/12.1/032-toolchain_technical_notes?rev=1718379487

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