

Beyond Linux® From Scratch (systemd Edition) - Version 12.1		
Chapter 5. File Systems and Disk Management		
	/	
efibootmgr-18	Using GRUB to Set Up the Boot Process with UEFI	

EFI GRUB-2.12

GRUB

GRUB GRand Unified Bootloader() . LFS

GRUB UEFI .

LFS 12.1 .

- (HTTP): <https://ftp.gnu.org/gnu/grub/grub-2.12.tar.xz>
- MD5 : 60c564b1bdc39d8e43b3aab4bc0fb140
- : 6.4 MB
- : 183 MB
- : 0.4 SBU (64 LFS = 4)

가

GRUB

- (HTTP):
<https://unifoundry.com/pub/unifont/unifont-15.1.04/font-builds/unifont-15.1.04.pcf.gz>
- MD5 : 72f95e7ecb47a4c7ed610babe6959ead
- : 1.3 MB

GCC(32 LFS)

- [GCC-13.2.0](#) .

GRUB

- - [efibootmgr-18](#)()
 - [FreeType-2.13.2](#)
- - [LVM2-2.03.23](#)

GRUB

root

```
mkdir -pv /usr/share/fonts/unifont &&  
gunzip -c ../unifont-15.1.04.pcf.gz > /usr/share/fonts/unifont/unifont.pcf
```



```
unset {C,CPP,CXX,LD}FLAGS
```

가

```
echo depends bli part_gpt > grub-core/extra_deps.lst
```

32 LFS 64

```
case $(uname -m) in i?86 )  
    tar xf ../gcc-13.2.0.tar.xz  
    mkdir gcc-13.2.0/build  
    pushd gcc-13.2.0/build  
        ../configure --prefix=$PWD/../../x86_64-gcc \  
                    --target=x86_64-linux-gnu \  
                    --with-system-zlib \  
                    --enable-languages=c,c++ \  
                    --with-ld=/usr/bin/ld  
    make all-gcc  
    make install-gcc  
popd  
export TARGET_CC=$PWD/x86_64-gcc/bin/x86_64-linux-gnu-gcc  
esac
```

GRUB

```
./configure --prefix=/usr \  
            --sysconfdir=/etc \  
            --disable-efiemu \  
            \
```

```
--enable-grub-mkfont \  
--with-platform=efi \  
--target=x86_64 \  
--disable-werror &&  
unset TARGET_CC &&  
make
```

가 .

```
make install &&  
mv -v /etc/bash_completion.d/grub /usr/share/bash-completion/completions
```

* `-enable-grub-mkfont`: grub-mkfont



FreeType-2.13.2가

grub-mkfont가

GRUB

GRUB

GRUB

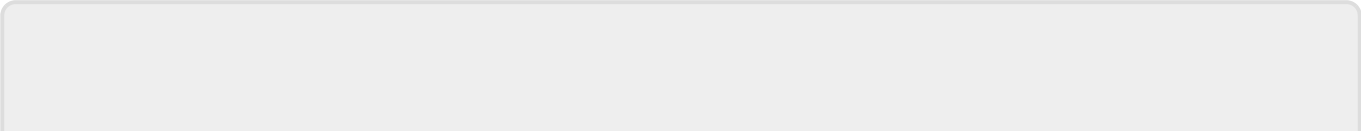
GRUB

- `-with-platform=efi`: EFI가 GRUB
 - `-target=x86_64`: 32 LFS x86_64 GRUB
 - `-target=i386`: 32 x86 EFI x86_64 32
- EFI LFS가
- `-target=x86_64`

GRUB

GRUB UEFI LFS GRUB UEFI

LFS GRUB



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

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