

<b>Linux From Scratch - Version 12.1-systemd</b>		
<b>Chapter 6. Cross Compiling Temporary Tools</b>		
	/	
Binutils-2.42 - Pass 2	Entering Chroot and Building Additional Temporary Tools	

# 6.18. GCC-13.2.0 - 2

GCC C C++ 가 GNU .  
 : 4.4 SBU  
 : 4.8 GB

## 6.18.1. GCC

GCC 가 GMP, MPFR MPC 가 .  
 :

```
tar -xf ../mpfr-4.2.1.tar.xz
mv -v mpfr-4.2.1 mpfr
tar -xf ../gmp-6.3.0.tar.xz
mv -v gmp-6.3.0 gmp
tar -xf ../mpc-1.3.1.tar.gz
mv -v mpc-1.3.1 mpc
```

x86\_64 64 "lib" :

```
case $(uname -m) in
  x86_64)
    sed -e '/m64=/s/lib64/lib/' \
        -i.orig gcc/config/i386/t-linux64
    ;;
esac
```

POSIX libgcc libstdc++ :

```
sed '/thread_header =/s/@.*@/gthr-posix.h/' \
-i libgcc/Makefile.in libstdc++-v3/include/Makefile.in
```

:

```
mkdir -v build
cd build
```

### GCC

GCC :

```
../configure \
  --build=$(../config.guess) \
  --host=$LFS_TGT \
  --target=$LFS_TGT \
  LDFLAGS_FOR_TARGET=-L$PWD/$LFS_TGT/libgcc \
  --prefix=/usr \
  --with-build-sysroot=$LFS \
  --enable-default-pie \
  --enable-default-ssp \
  --disable-nls \
  --disable-multilib \
  --disable-libatomic \
  --disable-libgomp \
  --disable-libquadmath \
  --disable-libsanitizer \
  --disable-libssp \
  --disable-libvtv \
  --enable-languages=c,c++
```

:

- `-with-build-sysroot=$LFS`  
`-host` 가 GCC , \$LFS  
GCC 가 가 \$LFS
- `-target=$LFS_TGT`  
GCC GCC (libgcc  
libstdc++) C C++ ). GCC
- `ldflags_for_target=...`  
GCC GCC 가 GCC 1  
libstdc++가 GCC 1 libgcc  
C++
- `-disable-libsanitizer`  
GCC libcrypt GCC . gcc-pass1
- `-disable-libstdcxx`

:

```
make
```

:

```
make DESTDIR=$LFS install
```

```
      .          gcc      cc      ,  
      GNU C      가      가      C  
UNIX      . cc      가      C  
      :
```

```
ln -sv gcc $LFS/usr/bin/cc
```

### 8.28.2, "GCC"

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