

Linux From Scratch - Version 12.1-systemd		
Chapter 6. Cross Compiling Temporary Tools		
	/	
Binutils-2.42 - 2	가	가

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

1)

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-lsanitizer
--disable-libssp
--disable-libvtv
--enable-languages=c,c++

```

configure

- `-with-build-sysroot=$LFS`
`-host` 가 GCC , \$LFS
 GCC
 가 가 \$LFS
- `-target=$LFS_TGT`
 GCC GCC (libgcc
 libstdc++) (). GCC
 C C++ GCC
 GCC GCC 1 가
- `LD_FLAGS_FOR_TARGET=...`
libstdc++가 GCC 1 libgcc
- `-disable-lsanitizer`
 GCC GCC GCC - 1
 libcrypt가
 -disable-libstdcxx

```
make
```

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

, GNU C 가 C gcc cc UNIX ,
가 C cc

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

8.28.2. "GCC"

1)

CFLAGS, CXXFLAGS, LDFLAGS

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