

Linux From Scratch - Version 12.1-systemd		
Chapter 8. Installing Basic System Software		
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8.82.

가 가

2GB Linux

strip LFS


strip -strip-unneded ( ) (

BLFS valgrind gdb Zlib


strip 가 가 /tmp install

(8.2.1 " " install

.)



ELF 64 ld-linux-x86-64.so.2, 32 ld-  
linux.so.2 g



) save\_usrlib online\_usrlib (

```
save_usrlib="$(cd /usr/lib; ls ld-linux*[^g])
             libc.so.6
             libthread_db.so.1
             libquadmath.so.0.0.0
```

```
        libstdc++.so.6.0.32
        libitm.so.1.0.0
        libatomic.so.1.2.0"

cd /usr/lib

for LIB in $save_usrlib; do
    objcopy --only-keep-debug --compress-debug-sections=zlib $LIB $LIB.dbg
    cp $LIB /tmp/$LIB
    strip --strip-unneeded /tmp/$LIB
    objcopy --add-gnu-debuglink=$LIB.dbg /tmp/$LIB
    install -vm755 /tmp/$LIB /usr/lib
    rm /tmp/$LIB
done

online_usrbin="bash find strip"
online_usrlib="libbfd-2.42.so
              libsframe.so.1.0.0
              libhistory.so.8.2
              libncursesw.so.6.4-20230520
              libm.so.6
              libreadline.so.8.2
              libz.so.1.3.1
              libzstd.so.1.5.5
              $(cd /usr/lib; find libnss*.so* -type f)"

for BIN in $online_usrbin; do
    cp /usr/bin/$BIN /tmp/$BIN
    strip --strip-unneeded /tmp/$BIN
    install -vm755 /tmp/$BIN /usr/bin
    rm /tmp/$BIN
done

for LIB in $online_usrlib; do
    cp /usr/lib/$LIB /tmp/$LIB
    strip --strip-unneeded /tmp/$LIB
    install -vm755 /tmp/$LIB /usr/lib
    rm /tmp/$LIB
done

for i in $(find /usr/lib -type f -name \*.so* ! -name \*.dbg) \
        $(find /usr/lib -type f -name \*.a) \
        $(find /usr/{bin,sbin,libexec} -type f); do
    case "$online_usrbin $online_usrlib $save_usrlib" in
        *$(basename $i)* )
            ;;
        * ) strip --strip-unneeded $i
            ;;
    esac
done
```

```
unset BIN LIB save_usrlib online_usrbin online_usrlib
```

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