

```
git clone https://github.com/madler/zlib.git
cd zlib/
```

```
git tag --list
git checkout v1.2.1.2
ls
make distclean
```

```
make install prefix=$PWD/_install
```

```
autoreconf -fvi
./configure --prefix=$PWD/_install --host=arm-linux-gnueabi --with-zlib=$PWD/../zlib/_install
```

```
cd ..
git clone https://github.com/openssl/openssl
cd openssl
cd openssl/
ls
git tag --list
git checkout OpenSSL_1_1_1
```

```
./Configure linux-armv4 --prefix=$PWD/_install --cross-compile-prefix=arm-linux-gnueabi --
ls
make
ls
make install
```

```
vitalii@vitalii-GF72-8RD:/media/vitalii/media/study/TESTS$ QEMU_AUDIO_DRV=none qemu-system-arm -M vexpress-a9 -kernel zImage -initrd initramfs.cpio.gz -dtb vexpress-v2p-ca9.dtb -append
"console=ttyAMA0 rdinit=/bin/ash" -nographic
[ 0.000000] Booting Linux on physical CPU 0x0
[ 0.000000] Linux version 6.16.0-rc2 (vitalii@vitalii-GF72-8RD) (arm-linux-gnueabi-gcc (Ubuntu 13.3.0-6ubuntu2-24.04) 13.3.0, GNU ld (GNU Binutils for Ubuntu) 2.42) #1 SMP Mon Jun
16 15:57:01 407 2025
```

```
~ # ls
bin          initramfs.cpio.gz  linuxrc     /sbin
dev          lib                root         /usr
~ # find ./bin/ssh
./bin/ssh
~ # ssh
Couldn't open /dev/null: No such file or directory
~ #
```