Lab – Building a Minimal System

1. Enter /opt/armsystem/rootfs/busybox-1.17.1

2. Start with a minimal configuration – make allnoconfig

3. Remove all previously generated files (rm –r _install/*)

4. Using menuconfig, select some useful commands (ls,cp,rm,mount,...)

5. Build busybox (make and make install)

6. Create a new directory in /opt/armsystem/output/rootfs2

7. Copy the generated files to the above directory

8. Copy the lib files from the toolchain

9. Edit the run_qemu file to use rootfs2 and test your work

10. Create the file system as initramfs and test your work