

ELF to ASM Guide on Raspberry Pi

Raspberry Pi ELF ASM

CLI

sudo apt update

sudo apt install binutils-arm-none-eabi

.elf .asm

1 ELF

file ./input/firmware/example.elf

ELF 32-bit LSB executable, ARM, EABI5 version 1

2 .elf .asm

arm-none-eabi-objdump -d ./input/firmware/example.elf > ./output/firmware/example.asm

arm-none-eabi-objdump -D ./input/firmware/example.elf > ./output/firmware/example.asm

arm-none-eabi-objdump ELF .asm

file ELF

.elf

./output/firmware/example.asm .asm

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less, grep, vim

.asm 7z

7zip

sudo apt install p7zip-full

.asm .7z

7z a ./output/firmware/example_asm.7z ./output/firmware/example.asm

zip

zip ./output/firmware/example_asm.zip ./output/firmware/example.asm