➜ ~ history

1 ls

2 cd

3 tmux

4 lsusb

5 cat /tmp/.mount\_Logic-vw8AUQ/resources/linux-x64/99-SaleaeLogic.rules | sudo tee /etc/udev/rules.d/99-SaleaeLogic.rules > /dev/null && echo "finished installing /etc/udev/rules.d/99-SaleaeLogic.rules"

6 code

7 sudo apt install minicom

8 minicom -s

9 ls -l /dev/ttyUSB0

10 minicom -s

11 sudo apt install esptool

12 python -m esptool --port ttyUSB0 -b 9600 read\_flash 0 0x400000 flashdump.bin

13 python3 -m esptool --port ttyUSB0 -b 9600 read\_flash 0 0x400000 flashdump.bin

14 sudo pip install esptool

15 python3 -m esptool --port ttyUSB0 -b 9600 read\_flash 0 0x400000 flashdump.bin

16 python3 -m esptool --port /dev/ttyUSB0 -b 9600 read\_flash 0 0x400000 flashdump.bin

17 python3 -m esptool --port /dev/ttyUSB0 -b 115200 read\_flash 0 0x400000 flashdump.bin

18 minicom

19 sudo minico -s

20 sudo minicom -s

21 python3 -m esptool --port /dev/ttyUSB0 -b 115200 read\_flash 0 0x400000 flashdump.bin

22 esptool.py --chip esp32 --port /dev/ttyUSB0 --baud 115200 read\_flash 0x0 0x400000 flash\_dump.bin

23 sudo minicom -s

24 esptool.py --chip esp32 --port /dev/ttyUSB0 --baud 115200 read\_flash 0x0 0x400000 flash\_dump.bin

25 esptool.py --chip exif --port /dev/ttyUSB0 --baud 115200 read\_flash 0x0 0x400000 flash\_dump.bin

26 esptool.py --chip auto --port /dev/ttyUSB0 --baud 115200 read\_flash 0x0 0x400000 flash\_dump.bin

27 esptool.py --chip auto --port /dev/ttyUSB0 --baud 9600 read\_flash 0x0 0x400000 flash\_dump.bin

28 esptool.py --chip uuuu --port /dev/ttyUSB0 --baud 115200 read\_flash 0x0 0x400000 flash\_dump.bin

29 esptool.py --chip esp8266 --port /dev/ttyUSB0 --baud 115200 read\_flash 0x0 0x400000 flash\_dump.bin

30 esptool.py --chip auto --port /dev/ttyUSB0 --baud 115200 get\_security\_info

31 sudo apt install numpy

32 sudo apt install python-pip

33 sudo apt install python3-pip

34 pip install numpy

35 pip3 install numpy

36 sudo apt install matplotlib

37 pip install matplotlib

38 pip3 install matplotlib

39 pip3 install scipy,

40 pip3 install scipy

41 pip install scipy

42 pip install ipympl

43 pip3 install ipympl

44 hexdump -C power\_trace.npy

45 hexdump power\_trace.npy

46 minicom

47 esptool.py --chip exif --port /dev/ttyUSB0 --baud 115200 read\_flash 0x0 0x400000 flash\_dump.bin

48 minicom

49 screen /dev/ttyUSB0

50 minicom /dev/ttyUSB0

51 sudo apt install picotool

52 sudo apt install openocd

53 sudo apt install Segger

54 sudo apt-get install openocd

55 minicom

56 history | grep minicom

57 history | grep min

58 man minicom

59 python -m esptool --port COM5 -b 115200 read\_flash 0 0x400000 flashdump.bin\n

60 python3 -m esptool --port COM5 -b 115200 read\_flash 0 0x400000 flashdump.bin\n

61 python3 -m esptool --port /dev/ttyUSB0 -b 115200 read\_flash 0 0x400000 flashdump.bin\n

62 ls /dev/

63 python3 -m esptool --port /dev/ttyUSB0 -b 115200 read\_flash 0 0x400000 flashdump.bin\n

64 minicom

65 minicom /dev/ttyUSB0

66 man minicom

67 minicom -s

68 python3 -m esptool --port /dev/ttyUSB0 -b 115200 read\_flash 0 0x400000 flashdump.bin\n

69 minicom

70 minicom -s

71 git clone https://github.com/SpenceKonde/jtag2updi.git

72 ls

73 cd jtag2updi

74 ls

75 pwd

76 cd ..

77 sudo apt installl avrdude

78 sudo apt install avrdude

79 avrdude

80 avrdude -b 115200 -P /dev/ttyACM0

81 avrdude -C

82 ls

83 avrdude -c jtag2updi -P /dev/ttyACM0 -p attiny412 -U flash:r:firmware.bin:r\n

84 avrdude -c arduino -P /dev/ttyACM0 -p attiny412 -U flash:r:firmware.bin:r\n

85 avrdude -c arduino -P /dev/ttyACM0 -p attiny412 -U flash:r:firmware.bin:r -F\n

86 ls

87 binwalk firmware.bin

88 binwalk -e firmware.bin

89 strings firmware.bin

90 cat firmware.bin

91 hexdump -C firmware.bin

92 strings firmware.bin

93 avrdude -c arduino -P /dev/ttyACM0 -p attiny412 -U flash:r:firmware.bin:r -F\n

94 strings firmware.bin

95 avrdude -c arduino -P /dev/ttyACM0 -p attiny412 -U flash:r:firmware.bin:r -F\n

96 avrdude -help

97 avrdude -c jtag2updi -P /dev/ttyACM0 -p attiny412 -U flash:r:firmware.bin:r\n

98 git clone https://github.com/ElTangas/jtag2updi.git

99 rm jtag2updi

100 git clone https://github.com/ElTangas/jtag2updi.git

101 git clone https://github.com/ElTangas/jtag2updi.git -d jtag2

102 git clone https://github.com/ElTangas/jtag2updi.git

103 wget http://svn.savannah.gnu.org/viewvc/\\*checkout\\*/avrdude/trunk/avrdude/avrdude.conf.in\?revision\=1422

104 mv avrdude.conf.in\?revision=1422 avrdude.conf

105 wget https://raw.githubusercontent.com/ElTangas/jtag2updi/master/avrdude.conf

106 rm avrdude.conf

107 MV avrdude.conf.1 avrdude.conf

108 mv avrdude.conf.1 avrdude.conf

109 cp avrdude.conf avrdude.conf.copy

110 cp /usr/local/etc/avrdude.conf /usr/local/etc/avrdude.conf.2

111 locate avrdude.conf

112 sudo find / -name avrdude.conf -type f

113 sudo cp /etc/avrdude.conf /etc/avrdude.conf.2

114 sudo cp avrdude.conf /etc/avrdude.conf

115 avrdude -c jtag2updi -P /dev/ttyACM0 -p attiny412 -U flash:r:firmware.bin:r -F\n

116 strings firmware.bin

117 pwd

118 sudo apt install wine

119 ls

120 cd Downloads

121 ls

122 rm as-installer-7.M8AlVj0-.0.2594-full.exe.part

123 wine as-installer-7.0.2594-full.exe

124 man wine

125 winedbg as-installer-7.0.2594-full.exe

126 wine as-installer-7.0.2594-full.exe

127 avr-objdump -s -m avr1 .d firmware.bin > program.dump

128 avr-objdump -s -m avr1 firmware.bin > program.dump

129 hexdump firmware.bin > firm\_hex.hex

130 cat firm

131 cat firm\_hex.hex

132 avr-objdump -s -m avr1 firm\_hex.hex > program.dump

133 hexdump firmware.bin > firm\_hex.hex

134 saleae

135 hexdump firmware.bin

136 xxd firmware.bin| less

137 ls

138 cat power\_trace.npy

139 python3

140 pip install --upgrade jupyterlab matplotlib ipympl numpy

141 python3 -m jupyterlab

142 vim secret.c

143 cc -o secret secret.c

144 vim secret.c

145 cc -o secret secret.c

146 ./secret

147 vim secret.c

148 cc -o secret secret.c

149 vim secret.c

150 cc -o secret secret.c

151 vim secret.c

152 cc -o secret secret.c

153 ./secret

154 vim secret.c

155 cc -o secret secret.c

156 ./secret

157 vim secret.c

158 cc -o secret secret.c

159 ./secret

160 mincom -s

161 minicom -s

162 sudo minicom -s

163 minicom

164 ls -l /dev/ttyUSB0

165 minicom

166 $ sudo add-apt-repository multiverse

167 sudo add-apt-repository multiverse

168 steam

169 cat ~/.bash\_history

170 cat /.bash\_history

171 cat .bash\_history