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Project github: <https://github.com/ark-sun/IoT-Security>

HOW TO SETUP ESP32 toolchain

Based on Ubuntu 18.04 64bit

Get-started: <https://docs.espressif.com/projects/esp-idf/en/latest/get-started/>

Linux toolchain: <https://docs.espressif.com/projects/esp-idf/en/latest/get-started/linux-setup.html>

(1)utilties

Mkdir ~/Desktop/esp

Sudo apt install git wget make libncurses-dev flex bison gperf python python-serial

(2)xtensa-gcc-compiler:

cd ~/Desktop/esp

wget <https://dl.espressif.com/dl/xtensa-esp32-elf-linux64-1.22.0-80-g6c4433a-5.2.0.tar.gz>

tar -xzf xtensa-esp32-elf-linux64-1.22.0-80-g6c4433a-5.2.0.tar.gz

# env-var

export PATH="$HOME/Desktop/esp/xtensa-esp32-elf/bin:$PATH"

(3)ESP-IDF lib:

cd ~/Desktop/esp

git clone --recursive https://github.com/espressif/esp-idf.git

# env-var

export IDF\_PATH=~/Desktop/esp/esp-idf

(4)compile project

make menuconfig

make flash