name: Build Firmware

on: [push, pull\_request]

jobs:

build:

runs-on: ubuntu-latest

steps:

- name: Checkout repo

uses: actions/checkout@v4

with:

submodules: 'recursive'

- name: Setup Node.js

uses: actions/setup-node@v4

with:

node-version: '22.12.0'

- name: Build web dist

working-directory: ./main/http\_server/axe-os

run: |

npm ci

npm run build

- name: esp-idf build

uses: espressif/esp-idf-ci-action@v1

with:

esp\_idf\_version: v5.4

target: esp32s3

command: GITHUB\_ACTIONS="true" idf.py build

path: '.'

- uses: actions/setup-python@v5

with:

python-version: '3.10'

cache: 'pip'

- run: pip install esptool

- name: "Create factory/merged image"

run: "./merge\_bin.sh ./esp-miner-merged.bin"

- name: upload esp-miner-merged.bin

uses: actions/upload-artifact@v4

with:

name: esp-miner-factory.bin

path: ./esp-miner-merged.bin

- name: upload esp-miner.bin

uses: actions/upload-artifact@v4

with:

name: esp-miner.bin

path: ./build/esp-miner.bin

- name: upload www.bin

uses: actions/upload-artifact@v4

with:

name: www.bin

path: ./build/www.bin