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Board config ⎫
App config ⎬ kconfig
wait until ⎭

bitbukket repo   comment
test switch   report.

- ✓ get wifi ap ssid name from chip MAC id.
- ✓ get some assets to 'spiffs' instead.
- • calculate time by fetching from NTP.
- • show energy use graph (but we are not using one yet).
- ✓ move configuration to kconfig files.
- ✝ predict energy use based on current usage.
- ✝ predict bill based on current use.
- • server side control system.
- • enable configuration / price chart fetching from server/internet
- • indicate energy source (coal, nuclear)
- • indicate savings.
- • multiple access passwords.
- • skill to ask for energy bill (ga , alexa)
- • previous month electricity bill, usage.
- • animation using canvas / SVG; or pixels/ lines.
- • websockets , tcp, udp server - joystick.
- • device on/ off , led brightness/ pwm
- • dc power conversion. (amps.)
- • prepaid mode.
- • use dac x 2 !.
- • reading averager
- • use watchdog to make more self resets.
- • throughout day energy use.
- • room wise energy use. (/ac)
- • instruct fridge, ac?, power control, door security
- • hall sensor temperature test