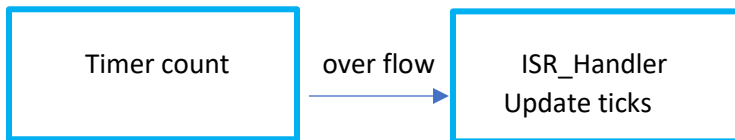


app: main.c / main.h → HAL: led / push_button → MCAL: dio/timer/systimer/pll



Common: reg.h/std_type.h

ISR → Callback



LOOP:

- Get last value updated to ticks
- Make decision (turn off or on), clear ticks if it requires
- Go to LOOP