

main_leds.c

Fichier source AVR C — Contrôle de LEDs via boutons

```
#define F_CPU 8000000UL

#include <avr/io.h>
#include <util/delay.h>

void setup(void)
{
  DDRB |= (1<<PB4) | (1<<PB5);
  DDRB &= ~(1<<PB6);
  DDRC &= ~(1<<PC6);
  PORTB |= (1<<PB6);
  PORTC |= (1<<PC6);
}

void loop(void)
{
  uint8_t b1 = !(PINB & (1<<PB6));
  uint8_t b2 = !(PINC & (1<<PC6));

  if(b1)
    PORTB |= (1<<PB4);
  else
    PORTB &= ~(1<<PB4);

  if(b2)
    PORTB |= (1<<PB5);
  else
    PORTB &= ~(1<<PB5);

  _delay_ms(100);
}

int main(void)
{
  setup();
  while(1)
    loop();
}
```