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[Topic: PIC16F877_delay函示庫](#)

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如果你是用hi-tech picc可以參考C:\Program Files (x86)\HI-TECH Software\PICC9.83samplesdelay

```
#include <htc.h> // Required to interface with delay routines

#ifndef _XTAL_FREQ
// Unless already defined assume 4MHz system frequency
// This definition is required to calibrate __delay_us() and __delay_ms()
#define _XTAL_FREQ 4000000
#endif

/** demonstration of various built-in delay mechanisms */
void main(void){
    while(1){
        NOP();
        __delay(1000); // delay for 1000 instruction cycles
        CLRWD();
        __delay_us(400); // delay for 400 microseconds
        CLRWD();
        __delay_ms(2); // delay for 2 milliseconds
        CLRWD();
    }
}
```