

Hello Arduino !

A programmer loves calligraphy years after retirement, one day, he is suddenly in aesthetic mood after a meal, so prepares "the Four Treasures of Study", writing brush, ink stick, ink slab and paper, grinds ink, spreads paper and lights a good sandal, quite a Wang Xizhi demeanor and Yan Zhenqing manner. Composed for a moment, then he splashed ink, Earnestly writes down the words: "hello world!". Why programmers are so keen on this a few words? The inception of "Hello world" dates back to 1972, Bell Laboratory's famous researcher Brian Kernighan firstly used it(program) when he was writing "B Language tutorials and guidance (Tutorial the Introduction to the Language B)" , this is the earliest known record at present when "hello" and "word" are used together in a computer work . Then, in 1978, he used this sentence pattern "hello, world" again in C Language bible "The C Programming Language" co-authored with Dennis Ritchie, as the first program in the opening. In this program, the output of the "hello, world" are all lowercase, without an exclamation point, a comma followed by a space. Although the initial form almost failed to survive after that, from then on, "hello, world" became a tradition of the program world to greet the outside. "Hello Arduino!", without exception, also became the first program in the tutorial.

Hardware Connection

There is a Atmega16u2 USB serial port on Arduino uno board , so the first program doesn't need to connect other equipment, only requires Arduino UNO to connect PC with a USB line directly.

Software Part

```
void setup() {  
    // put your setup code here, to run once:  
    Serial.begin(115200);  
}  
void loop() {  
    // put your main code here, to run repeatedly:  
    Serial.println("Hello Arduino !");  
    delay(1000);  
}
```