

# How to add .ZIP Libraries in Arduino IDE

## Libraries

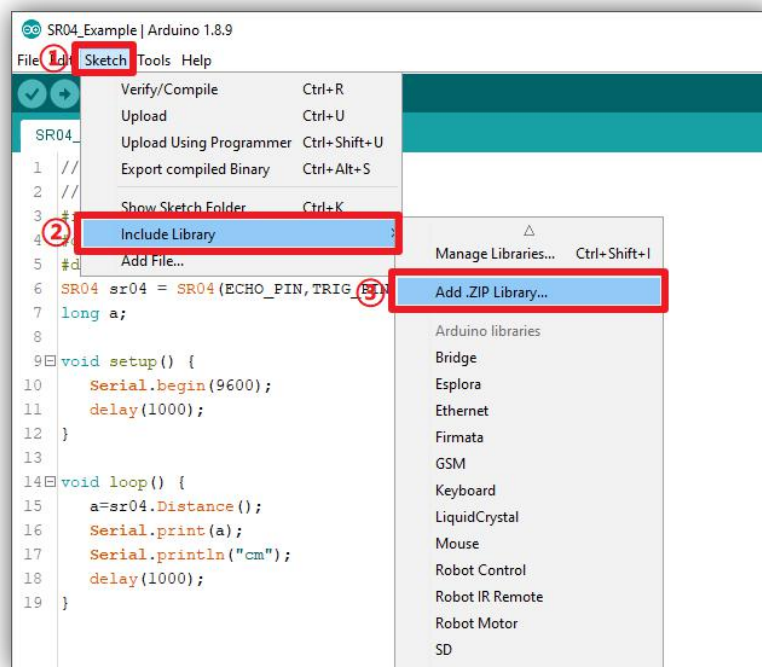
Just like most programming platforms, the Arduino environment can be extended through the use of libraries. Libraries provide extra functionality for use in sketches, e.g. working with hardware or manipulating data. To use a library in a sketch, select it from Sketch > Include Library.

## How to Install a Library

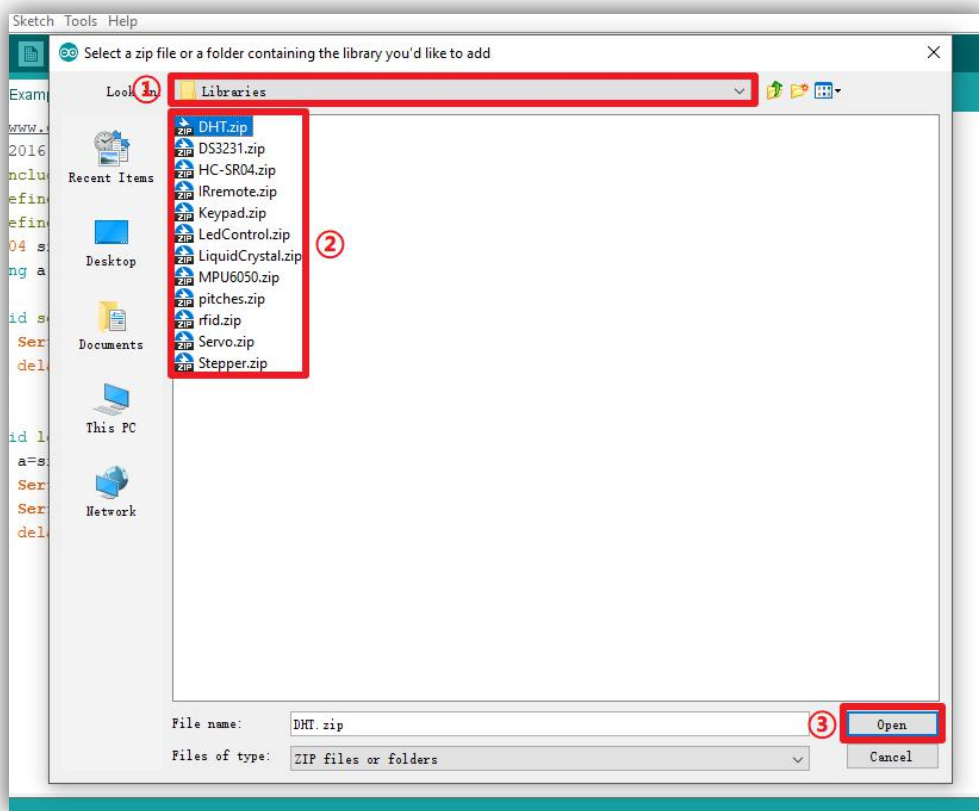
In our tutorial, all the libraries files needed for lessons are included in the tutorial folder, we just need to add them to the IDE by following steps.

**select “Add .zip Library”:**

Sketch > Include Library > Add .zip Library...



Go to the Libraries folder, choose the zip library file, and click “Open”



And then, the library will added to IDE successfully.

```
14 void loop() {  
15   a=sr04.Distance();  
16   Serial.print(a);  
17   Serial.println("cm");  
18   delay(1000);  
19 }
```

Library added to your libraries. Check "Include library" menu