

## 1. How to Add a Library?

What are Libraries ?

Libraries are a collection of code that makes it easy for you to connect to a sensor, display, module, etc.

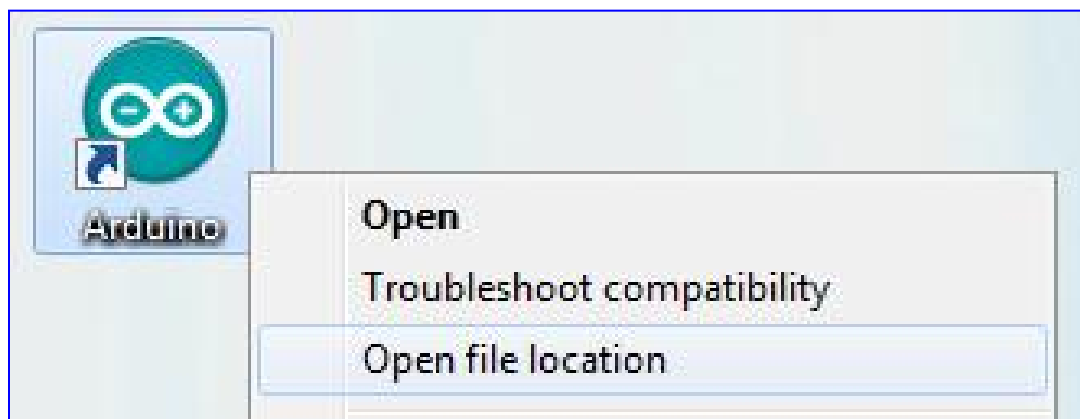
For example, the built-in LiquidCrystal library helps talk to LCD displays. There are hundreds of additional libraries available on the Internet for download.

The built-in libraries and some of these additional libraries are listed in the reference.

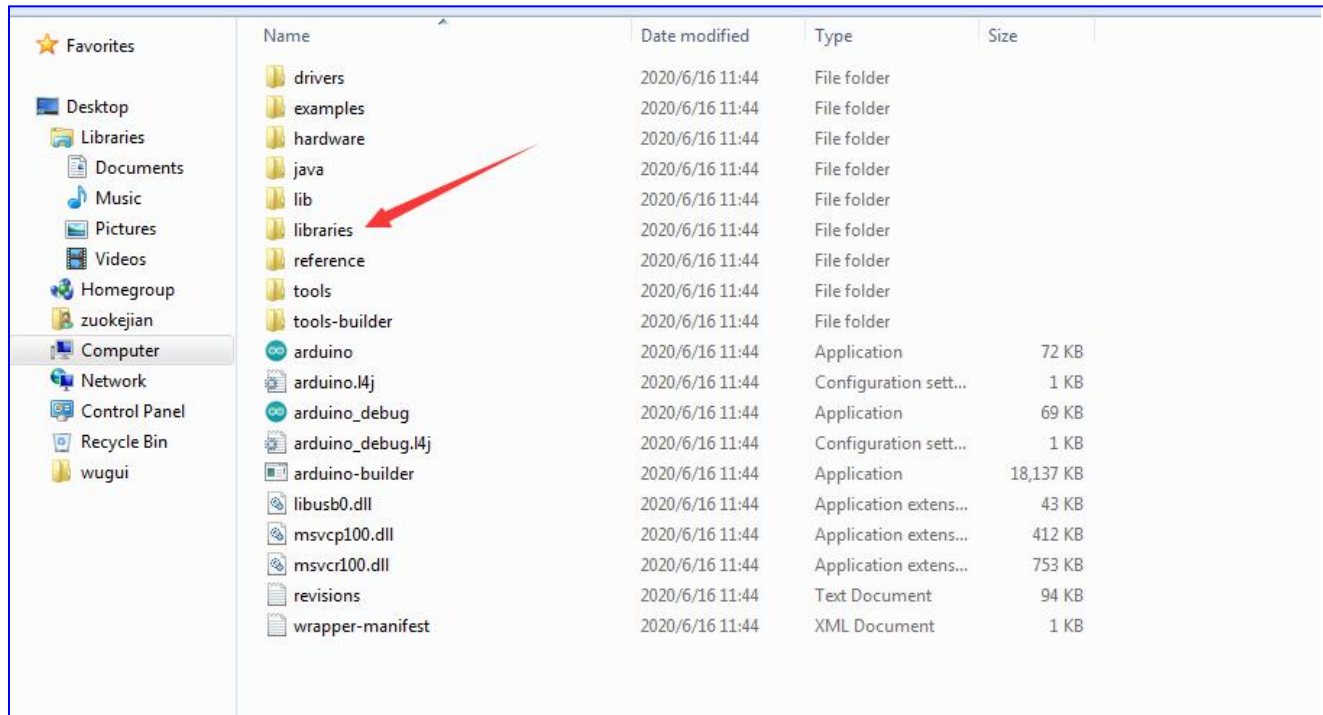
Here we will introduce the most simple way for you to add libraries .

Step 1 : After downloading well the Arduino IDE, you can right-click the icon of Arduino IDE.

Find the option "Open file location" shown as below:



Step 2: Enter it to find out **libraries** folder which is the library file of Arduino.



The screenshot shows a Windows File Explorer window with the following table of contents:

Name	Date modified	Type	Size
drivers	2020/6/16 11:44	File folder	
examples	2020/6/16 11:44	File folder	
hardware	2020/6/16 11:44	File folder	
java	2020/6/16 11:44	File folder	
lib	2020/6/16 11:44	File folder	
libraries	2020/6/16 11:44	File folder	
reference	2020/6/16 11:44	File folder	
tools	2020/6/16 11:44	File folder	
tools-builder	2020/6/16 11:44	File folder	
arduino	2020/6/16 11:44	Application	72 KB
arduino.l4j	2020/6/16 11:44	Configuration sett...	1 KB
arduino_debug	2020/6/16 11:44	Application	69 KB
arduino_debug.l4j	2020/6/16 11:44	Configuration sett...	1 KB
arduino-builder	2020/6/16 11:44	Application	18,137 KB
libusb0.dll	2020/6/16 11:44	Application extens...	43 KB
msvcpr100.dll	2020/6/16 11:44	Application extens...	412 KB
msvcpr100.dll	2020/6/16 11:44	Application extens...	753 KB
revisions	2020/6/16 11:44	Text Document	94 KB
wrapper-manifest	2020/6/16 11:44	XML Document	1 KB

Step 3: Next to find out the **"libraries"** of smart home(seen in the link: <https://fs.keyestudio.com/KS0085>), as shown below:

📁 > Starter kit > KS0085 Smart Home Kit for Arduino








## Overview

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## > 2. Tutorial for Arduino








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## > 2. Tutorial for Arduino > 5. Arduino library files

### Overview

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✓	 Servo	--	Only <a href="#">Share</a> ▾



You just need to replicate and paste into the [libraries folder of Arduino IDE](#).

The library of smart home is successfully installed, as shown below:

NAME	DATE MODIFIED	TYPE
Adafruit_Circuit_Playground	2020/2/13 10:32	文件夹
Bridge	2020/2/13 10:32	文件夹
Esplora	2020/2/13 10:32	文件夹
Ethernet	2020/2/13 10:32	文件夹
Firmata	2020/2/13 10:32	文件夹
GSM	2020/2/13 10:32	文件夹
IRremote	2020/8/18 14:15	文件夹
Keyboard	2020/2/13 10:32	文件夹
LiquidCrystal	2020/2/13 10:32	文件夹
LiquidCrystal_I2C	2020/8/26 9:38	文件夹
Mouse	2020/2/13 10:32	文件夹
Robot_Control	2020/2/13 10:32	文件夹
Robot_Motor	2020/2/13 10:32	文件夹
RobotIRremote	2020/2/13 10:32	文件夹
SD	2020/2/13 10:32	文件夹
Servo	2020/2/13 10:32	文件夹
SpacebrewYun	2020/2/13 10:32	文件夹
SR04	2020/8/17 15:51	文件夹
Stepper	2020/2/13 10:32	文件夹
Temboo	2020/2/13 10:32	文件夹
TFT	2020/2/13 10:32	文件夹
WiFi	2020/2/13 10:32	文件夹
.keep	2020/2/13 10:32	KEEP 文件