



4.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.

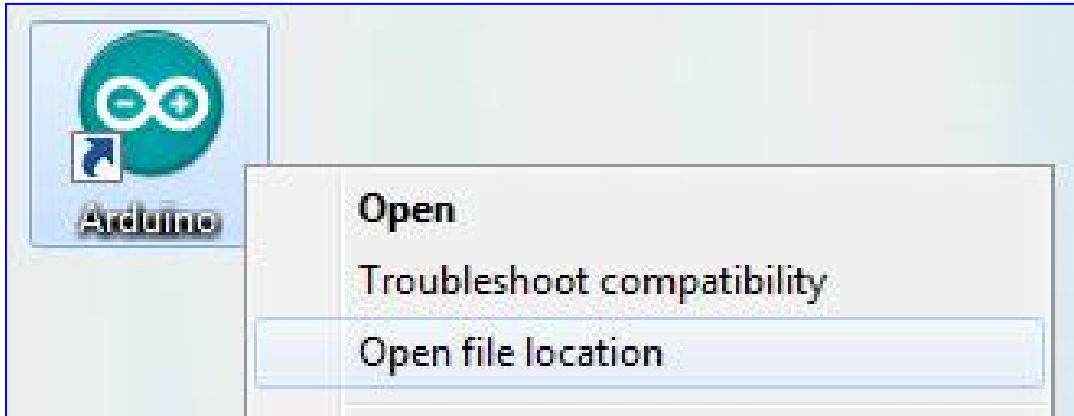
The built-in libraries and some of these additional libraries are listed in the reference.

How to Install a Library ?

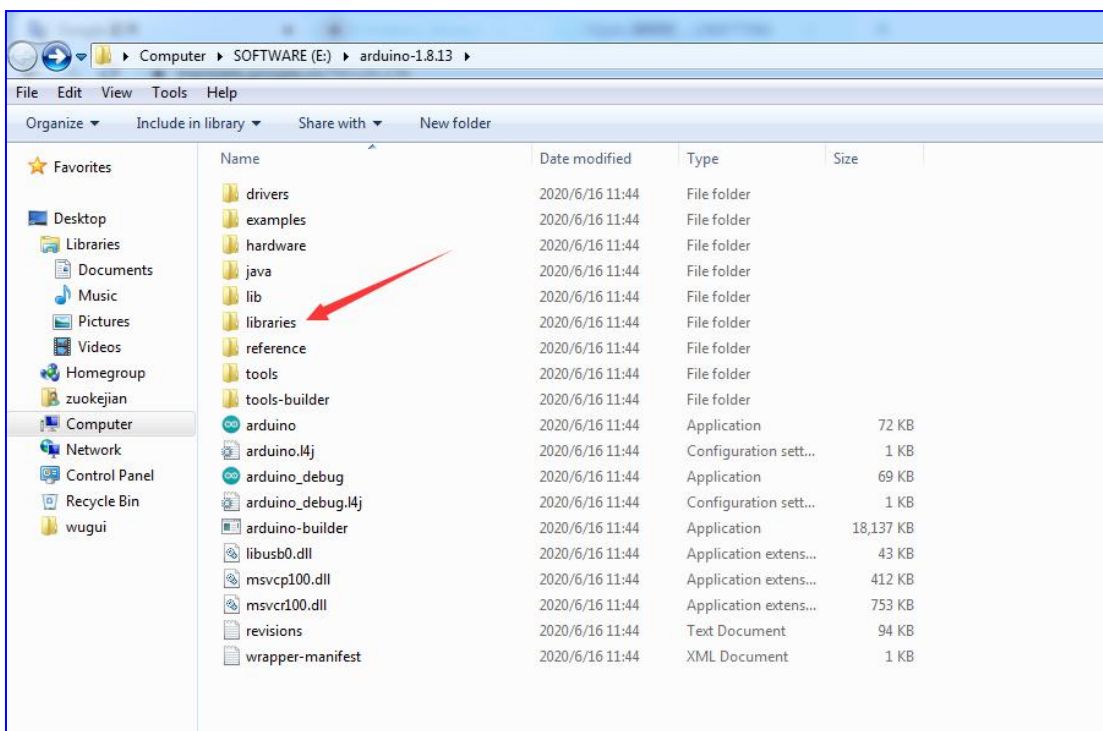
Here we will introduce the most simple way for you to add libraries .

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, this folder is the library file of Arduino.



Step 3 Next to find out the “libraries” folder of this kit(seen in the link <https://fs.keyestudio.com/KS0077-78-79>)



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Click here to describe this folder and turn it into a Space [Show examples](#)

Pin or drag files and folders here for quick access

4 folders

Create

Name	Modified	Recent activity	Type
1. about keyestudio	5/21/20, 4:45 pm	--	File folder
2. Arduino software	5/21/20, 4:45 pm	--	File folder
3. Getting started with ard...	5/21/20, 4:45 pm	--	File folder
4. Tutorial	6/10/20, 2:13 pm	--	File folder

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4. Tutorial

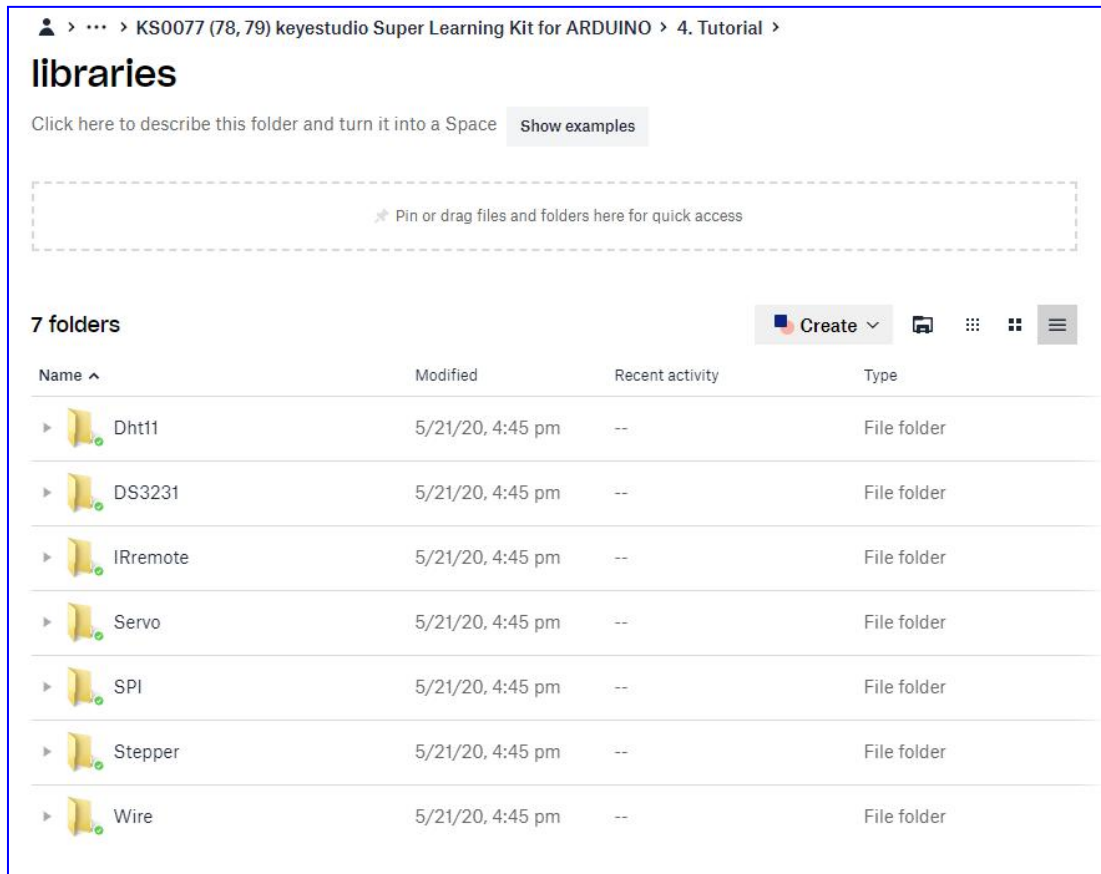
Click here to describe this folder and turn it into a Space [Show examples](#)

Pin or drag files and folders here for quick access

2 folders, 1 file

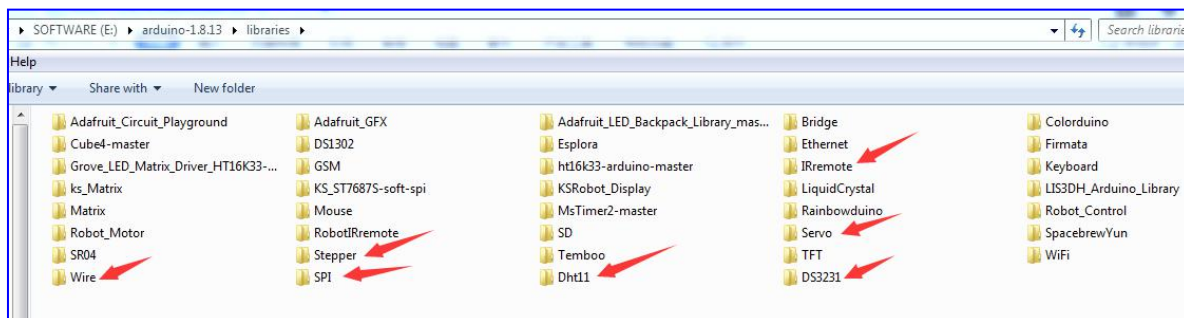
Create

Name	Modified	Recent activity	Type
libraries	5/21/20, 4:45 pm	--	File folder
project code	5/21/20, 4:45 pm	--	File folder
KS0077 (78,79) Super Lear...	5/27/19, 3:40 pm	You moved 7/22/20, 3:43 pm	WPS PDF 文档



You just need to replicate and paste above libraries into the **libraries folder of Arduino IDE**.

Then the libraries of this kit are installed successfully, as shown below



Note the Arduino software download and the driver installation of keyestudio Mega 2560 R3 board is similar to arduino V4.0 board.