

Bluno M3 V2.2 Software Development Environment

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Overview

The Software Development Environment of Bluno M3 Hardware Version 2.1 is based Arduino IDE 1.5.5. But in fact, Arduino IDE 1.5.5 doesn't support Cortex-M3 kernel. So we made a special version for Bluno M3.

Since Arduino IDE entered 1.6.x Series, it has supported Cortex-M3 kernel. In order to keep pace with times and make Bluno M3 easy to use. We have done a lot of effort to make it compatible with your Arduino Version.



(/wiki/index.php/File:Warning_yellow.png)

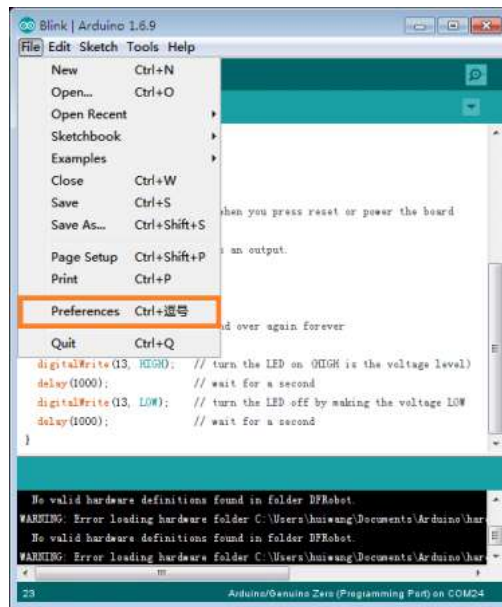
Note: This tutorial only applies to Bluno M3 V2.2 hardware version and Romeo BLE Quad V1.0

Bluno M3 V2.2 Software Development Environment

- Open Arduino IDE, **File->Preferences**, find **Additional Boards Manager URLs**, copy the below link, and paste in the blank.

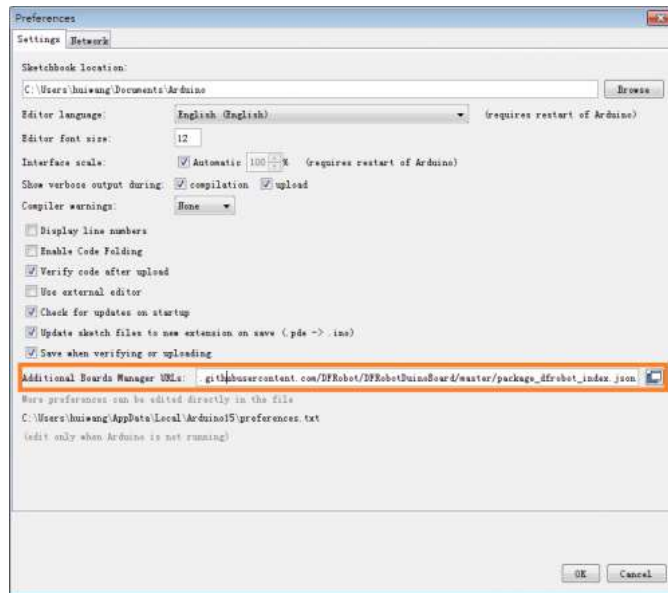
https://raw.githubusercontent.com/DFRobot/DFRobotDuinoBoard/master/package_dfrobot_m3_index.json

(https://raw.githubusercontent.com/DFRobot/DFRobotDuinoBoard/master/package_dfrobot_m3_index.json)



(/wiki/index.php/File:Filepreferences.png)

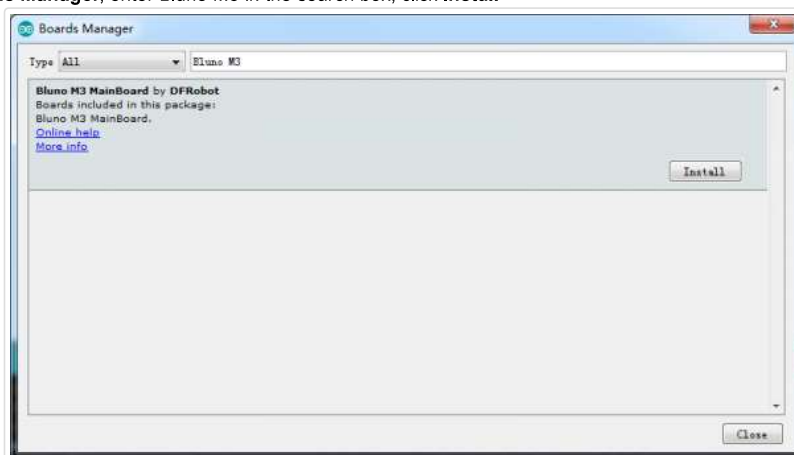
File->Preferences



(/wiki/index.php/File:Preferencesjson.png)

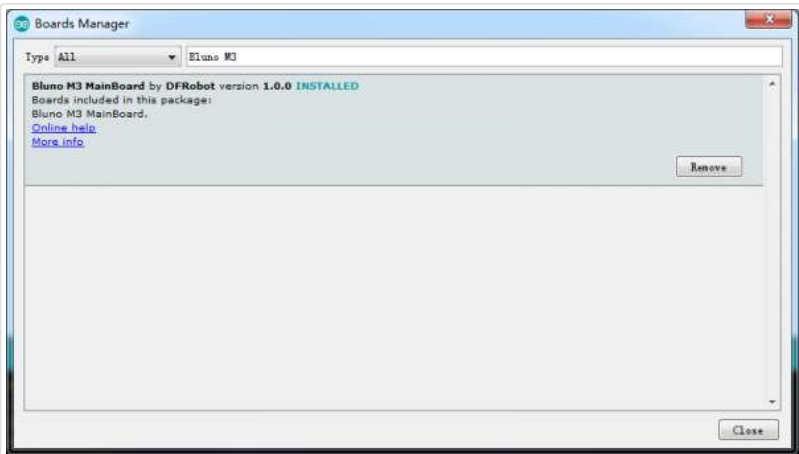
paste url here

- Click **OK**
- Open **Tools->Board->Boards Manager**, enter Bluno M3 in the search box, click **Install**



(/wiki/index.php/File:BoardsmanagerM3.png)

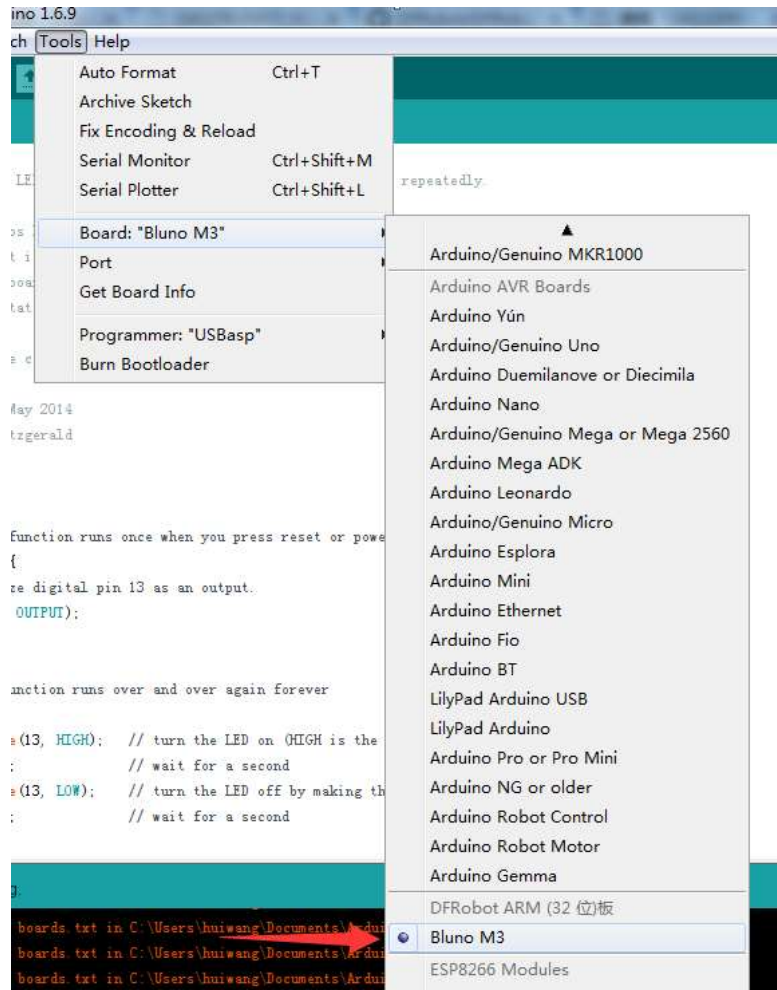
Search "Bluno M3"



(/wiki/index.php/File:BoardsmanagerinstalledM3.png)

Install Bluno M3 MainBoard

Now, the development environment has been installed, you can use it like a normal Arduino board.



(/wiki/index.php/File:IDE_M3_Mainboard.png)

Reference Documents

- [Bluno M3 SKU:DFR0329 \(/wiki/index.php/Bluno_M3_SKU:DFR0329\)](/wiki/index.php/Bluno_M3_SKU:DFR0329)
- [Bluno M3 Reference Manual \(/wiki/index.php/Bluno_M3_Reference_Manual\)](/wiki/index.php/Bluno_M3_Reference_Manual)