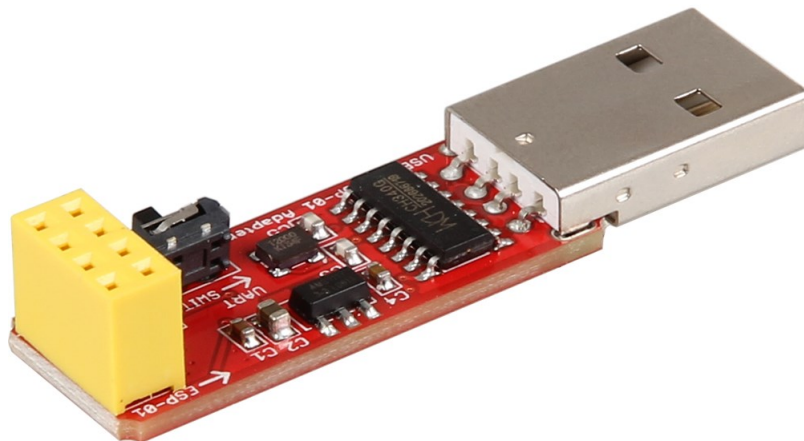


JOY-IT

ESP8266 Prog



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1. Configuring the software environment
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Dear customer,

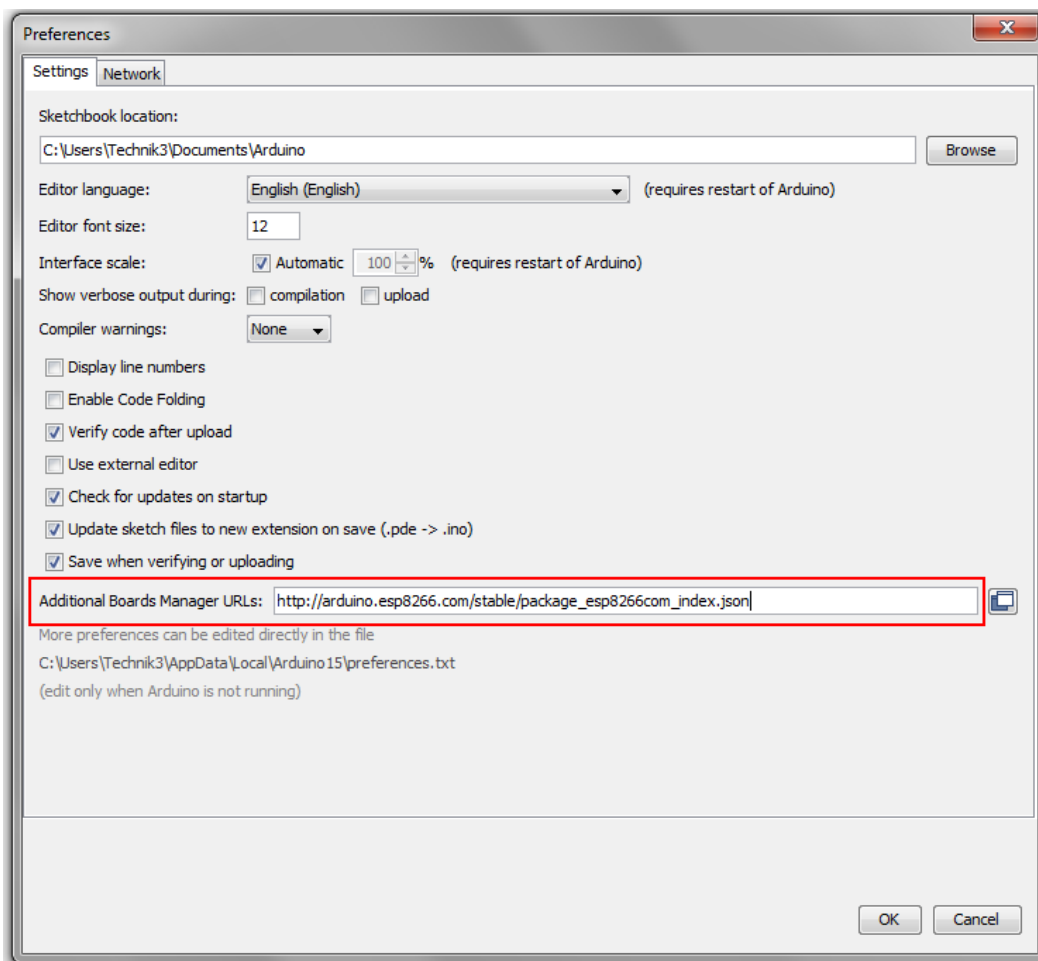
thank you for purchasing our product.
Please find our instructions below.

1. Configuring the software environment

At first you need to prepare the Arduino software environment for the usage with an ESP8266.

Therefore, please add the following address to the **additional Board-Manager URLs**:

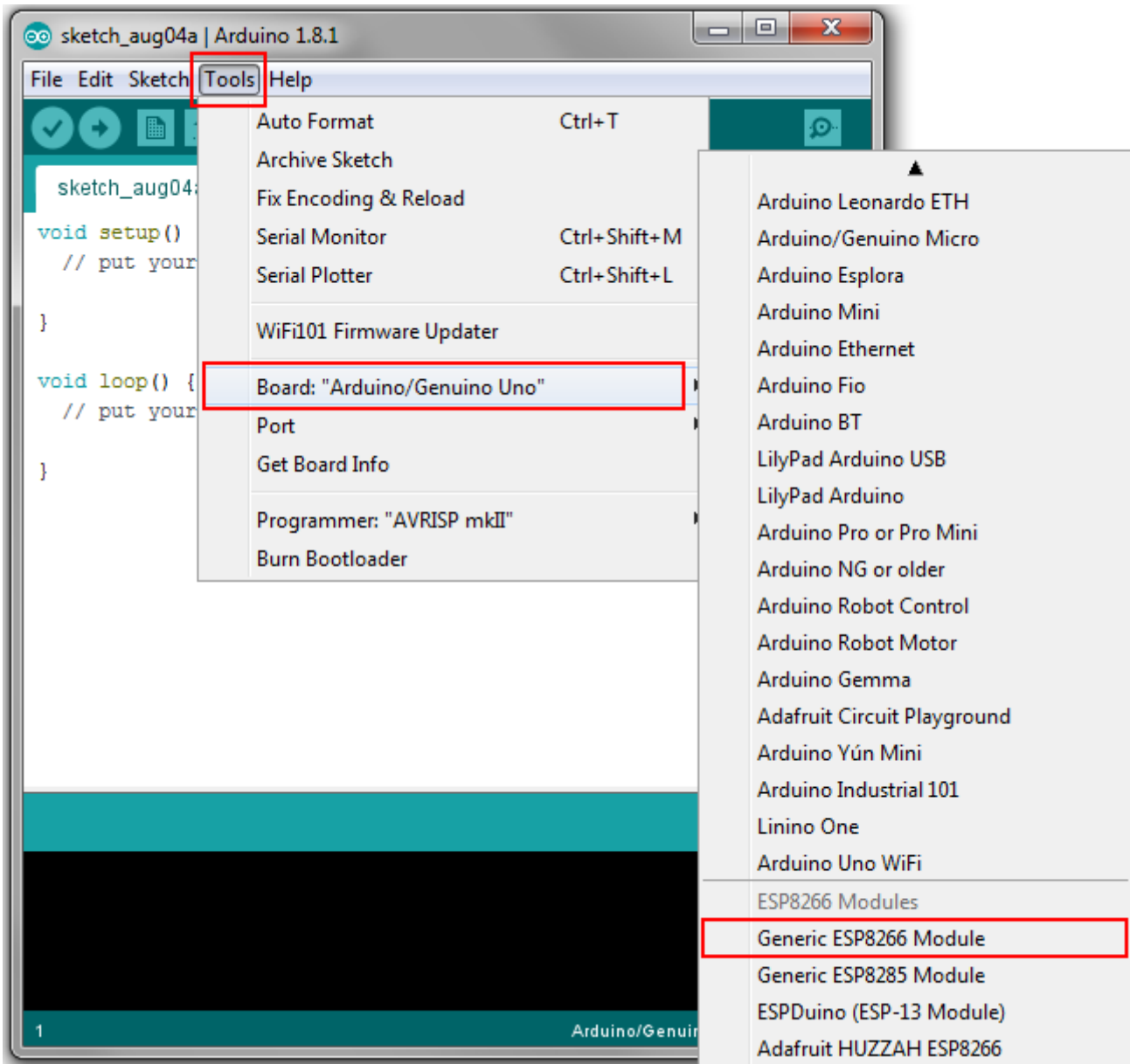
http://arduino.esp8266.com/stable/package_esp8266com_index.json



The next step is to install the ESP8266 board-library.
Open up the Boards Manager and install the **ESP8266** library.



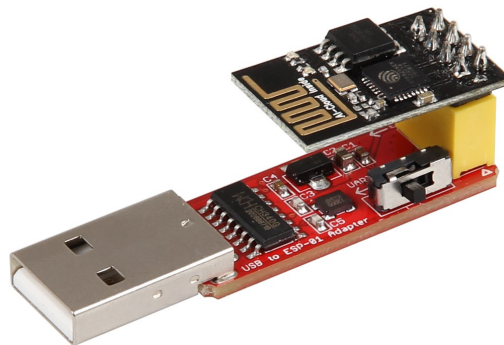
As soon as you finished the installation, you can choose the **Generic ESP8266 Module** from the list of the available boards.



Your Arduino software environment is now prepared for the usage with an ESP8266.

2. Connecting & programming the ESP8266

Connect the ESP8266, as seen in the following image, to the yellow connector on the programming-module.



There is a small switch next to the yellow connector (also visible in the image). Make sure that this switch is set to **Prog** if you want to programm your ESP8266. For the regular usage, this switch needs to be set to **UART**.

Connect the programming module to an USB-Port of your computer.

If the automatic driver installation should fail, you need to manually install the drivers. Download the [Driver-Installationtool](#) and install the driver. After the installation is complete, make sure that the right port is chosen in your Arduino configuration.

The installed ESP8266 package comes with some great programming examples for starting with the ESP8266. Just pick one and transfer it to your module.

3. Support

We also support you after your purchase. If there are any questions left or if you encounter any problems please contact us by mail, phone or by our ticket-supportsystem.

E-Mail: service@joy-it.net

Ticket-System: <http://support.joy-it.net>

Phone: +49 (0)2845 98469 – 66 (11:00 - 18:00)

For more informations, please visit our website:

www.joy-it.net