Blynk Quickstart

Dr. Tan Wooi Haw

Quickstart

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Which hardware are you using?

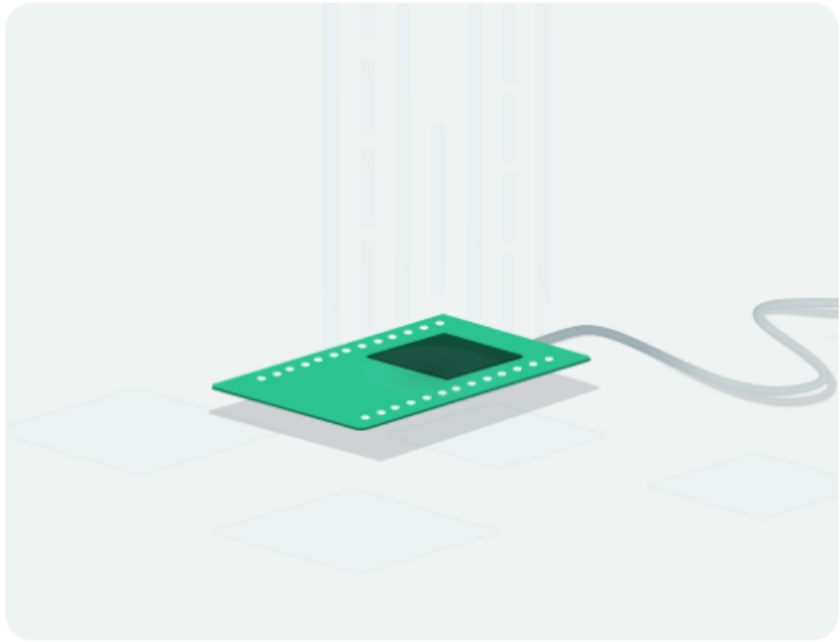
We will help you prepare the code for you board

ESP32

What is your device connectivity type

Blynk supports various connection types (BLE is not supported yet).

WiFi



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Which IDE do you use?

Arduino
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PlatformIO
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Other

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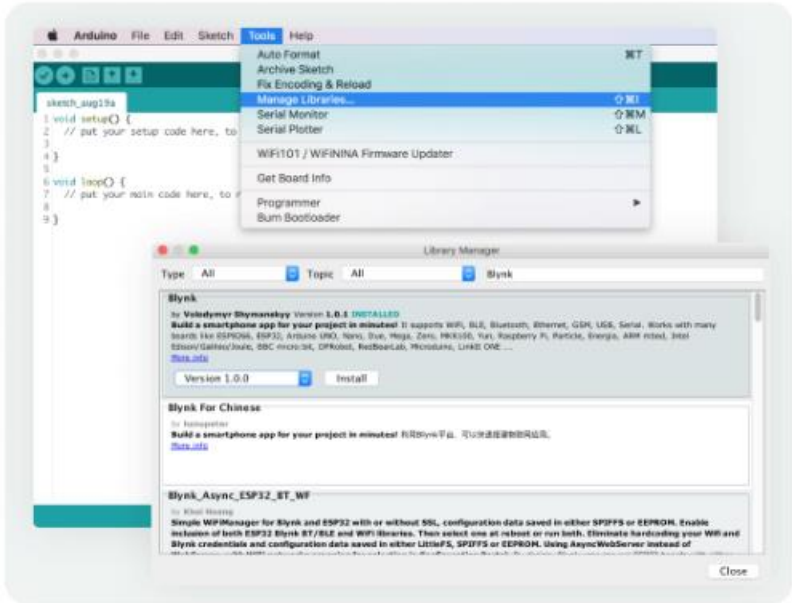
Install Blynk Library for Arduino

1. Go to Arduino -Tools - Manage Libraries...
2. Search for Blynk there.
3. Choose the latest version and press Install.



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Here is a code for your device

1. Enter your Wi-Fi network SSID (name) and password to connect your device.

* We never store or send this information anywhere. It's only used to generate the firmware code . You can leave these fields empty and manually add WiFi credentials in your sketch.

My_WiFi_SSID

My_WiFi_Password

2. Copy code from the right panel (or download it as a file).

3. Create a new sketch in your IDE and paste the code.

4. In IDE check that you are using correct board and port settings

5. Upload sketch to your board.

You can find other examples for your board here.

Copy Download

```
/*************************************************
  This is a simple demo of sending and receiving some data.
  Be sure to check out other examples!
 *************************************************/

/* Fill-in information from Blynk Device Info here */
#define BLYNK_TEMPLATE_ID           "TMPL6ELNLIR9Q"
#define BLYNK_TEMPLATE_NAME         "Quickstart Template"
#define BLYNK_AUTH_TOKEN            "xMTziOgG165nbSVP3SDo46Ri4kri_bfn"

/* Comment this out to disable prints and save space */
#define BLYNK_PRINT Serial


#include <WiFi.h>
#include <WiFiClient.h>
#include <BlynkSimpleEsp32.h>

// Your WiFi credentials.
// Set password to "" for open networks.
char ssid[] = "My_WiFi_SSID";
char pass[] = "My_WiFi_Password";

BlynkTimer timer;
```

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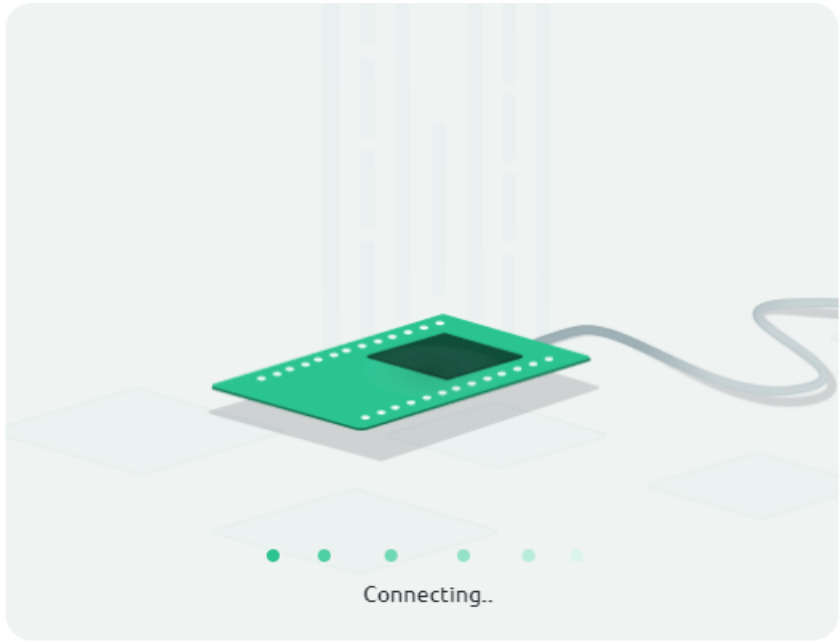
Waiting for device online...

Check the Serial Monitor output. It should show something similar to this:

```
[24] Connecting to WiFiHotspot
[2638] Connected to WiFi
[2638] IP: 10.0.0.10
[2638]
    ___  __          __
   / _ )/ /_ _____  / /__
  / _  / / // / _ \/  '_/
 /____/_/\_, /_//_/_/\_\
        /___/ v1.0.1
[2644] Connecting to blynk.cloud:80
[2829] Ready (ping: 29ms).
```



If your device doesn't show up online after you completed all the steps in this guide, check this Troubleshooting guide

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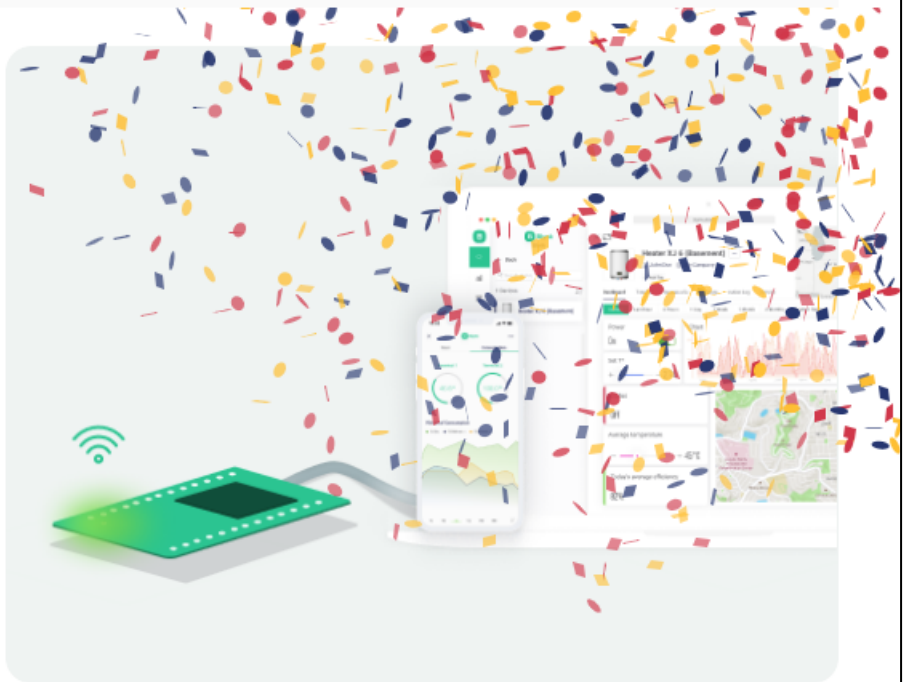
Congrats!

✓ Hardware — ✓ IDE — ✓ Blynk Library — ✓ Code — ✓ Device activation

Your device is online! Time to push some buttons!



Here is what you can try:

- Go to the device and see how you can control it from the web dashboard.
- Open Blynk.App and try controlling your device from your smartphone.

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