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Download latest Blynk library here:

https://github.com/blynkkk/blynk-library/releases/latest

Blynk is a platform with iOS and Android apps to control

Arduino, Raspberry Pi and the likes over the Internet.

You can easily build graphic interfaces for all your

projects by simply dragging and dropping widgets.

Downloads, docs, tutorials: http://www.blynk.cc

Sketch generator: http://examples.blynk.cc

Blynk community: http://community.blynk.cc

Follow us: http://www.fb.com/blynkapp

http://twitter.com/blynk\_app

Blynk library is licensed under MIT license

This example code is in public domain.

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Simple tweet example

App project setup:

Twitter widget (connect it to your Twitter account!)

Connect a button to pin 2 and GND...

Pressing this button will also tweet a message! ;)

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/\* Comment this out to disable prints and save space \*/

#define BLYNK\_PRINT Serial

#include <ESP8266\_Lib.h>

#include <BlynkSimpleShieldEsp8266.h>

// You should get Auth Token in the Blynk App.

// Go to the Project Settings (nut icon).

char auth[] = "09754f5944c94ede9f2714b3802430ef";

// Your WiFi credentials.

// Set password to "" for open networks.

char ssid[] = "leap";

char pass[] = "leap1234";

int a=3;

// Hardware Serial on Mega, Leonardo, Micro...

#define EspSerial Serial

// or Software Serial on Uno, Nano...

#include <SoftwareSerial.h>

//SoftwareSerial EspSerial(2, 3); // RX, TX

// Your ESP8266 baud rate:

#define ESP8266\_BAUD 115200

ESP8266 wifi(&EspSerial);

BlynkTimer timer;

void tweetUptime()

{

long uptime = millis() / 60000L;

Serial.println("Tweeting every 10 minutes ;)");

// Actually send the message.

// Note:

// We allow 1 tweet per 15 seconds for now.

// Twitter doesn't allow identical subsequent messages.

Blynk.tweet(String("Running for ") + uptime + " minute.");

}

void tweetOnButtonPress()

{

// Invert state, since button is "Active LOW"

int isButtonPressed = !digitalRead(2);

if (isButtonPressed) {

Serial.println("Button is pressed.");

Blynk.tweet("Yaaay... button is pressed! :)\n #arduino #IoT #blynk @blynk\_app");

}

}

void setup()

{

// Debug console

Serial.begin(115200);

Blynk.begin(auth, wifi, ssid, pass);

// You can also specify server:

//Blynk.begin(auth, ssid, pass, "blynk-cloud.com", 8442);

//Blynk.begin(auth, ssid, pass, IPAddress(192,168,1,100), 8442);

// Tweet immediately on startup

Blynk.tweet("My Arduino project is tweeting using @blynk\_app and it’s awesome!\n #arduino #IoT #blynk");

// Setup a function to be called every 1 minute

timer.setInterval(1L \* 60000L, tweetUptime);

// Setup twitter button on pin 2

pinMode(2, INPUT\_PULLUP);

// Attach pin 2 interrupt to our handler

attachInterrupt(digitalPinToInterrupt(2), tweetOnButtonPress, CHANGE);

}

void loop()

{

Blynk.run();

timer.run();

}