IoT Users Club
#Let's Do IoT

IoT and Blynk App

SATISH RAO

FOUNDER, IOT USERS CLUB


B
Blynk

Making complex technology simple

We designed, developed, and tested the building blocks of a complete IoT solution, so businesses who run on Blynk don't have to.

Blynk - build an app for your Arduino project in 5 minutes

We make the Internet of Things simple for everyone!Blynk is a hardware-agnostic IoT platform with white-label mobile apps, private clouds, device management, data analytics, and machine learning.

Website

Created by

Pasha Baiborodin

2,321 backers pledged $49,235 to help bring this project to life.

Last updated June 30, 2015

Team

These are the people building Blynk:

- **Pasha Baiborodin** - Founder and user experience design warrior
- **Dmytro Dumanskiy** - Co-Founder and server side guru
- **Volodymyr Shymanskyy** - embedded Yoda
- **Max Kareta** - iOs ninja
- **Alex Kipar** - Android samurai
- **Iryna Liashchuk** - Communications princess

Blynk founders. From left to right: Dmitry Dumansky, Pavel Baiborodin, Vladimir Shimansky

Pavel Baiborodin with Arduino CEO Massimo Ganzi

Get started in 5 minutes

1

Download Blynk app

1 minute

2

Install Blynk Library

2 minutes

3

Connect hardware

2 minutes

4

Enjoy Blynking

forever!

Virtual Pins

Virtual Pin is a concept invented by Blynk Inc. to provide exchange of any data between hardware and Blynk mobile app.

Virtual pins are different than Digital and Analog Input/Output (I/O) pins. They are **physical pins** on your microcontroller board where you connect sensors and actuators.

Blynk lets you control any hardware connected to Digital and Analog pins without having to write any additional code.

Install

1. Install the Blynk App on Mobile

2. Install the Python Libraries

```
pip install blynklib
```

or

```
pip3 install blynklib
```

Blynk Examples

https://examples.blynk.cc

Arduino + Blynk

1. Import the blynk libraries in Arduino
2. Select the Program from Blynk Example
3. Upload the code with valid Authentication Token
4. Run blynk script from scripts folder
5. Run Mobile App

LED Blink (on Mobile App)

1. Add LED Widget
2. Assign Virtual Pin V 11
3. Write the python code
4. Run the code
5. Run the App

Mobile Sensors

1 . Proximity Sensor

2. Light Sensor

3. Gravity Sensor

4. Accelerometer Sensor

5. GPS Trigger

6. GPS Stream

YouTube: IoT Users Club

Thank You

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