<https://thingspeak.com/>

<https://www.paraimpu.com/> (Jan 9, 2018 appears to be defunc)

<http://www.thingsquare.com/>

<http://www.openpicus.com/>

<https://www.mongohq.com/>

MQTT: <http://chrislarson.me/blog/using-mqtt-connect-arduino-internet-things>

<https://developer.octoblu.com/#service> replaced <http://skynet.im> (Jan 9, 2018 appears to be defunc)

Carriots Dev IoT Arduino

<https://www.carriots.com/documentation/arduino>

Spark Core (Microcontroller + IoT)

<https://www.spark.io/>

[http://M2M.com](http://m2m.com)

<http://www.xobxob.com/>

<http://www.udoo.org/>

[Ninjablocks.com](http://ninjablocks.com/)

PushingBox, Notifications for your Internet of Things

<http://www.pushingbox.com>

Nimbits:

Nimbits is a [platform as a service (PaaS)](http://en.wikipedia.org/wiki/Platform_as_a_service) you can use to develop software and hardware solutions that seamlessly connect to the cloud and each other. **Nimbits Server** is the core

<http://www.nimbits.com/>

Nearbus:

NearBus is a Cloud Connector that allows you to fully integrate in the cloud different MCU platforms (like Arduino, OpenPicus, etc.) in a very easy and transparent way. Installing a light agent (the NearAgent) in your MCU hardware the NearBus system will allow you to see the MCU as a real extension of the cloud, controlling it via the NearAPI (a very simple set of Web Services API functions).

<http://www.nearbus.net/index.html>

Gobot:

Gobot is a framework and set of libraries in the [Go programming language](http://golang.org/) for robotics, physical computing, and the Internet of Things.

It provides a simple, yet powerful way to create solutions that incorporate multiple, different hardware devices at the same time.

<http://gobot.io/>

Temboo:

Program anything with Temboo Devices, languages, APIs, code utilities, databases & more. Reimagine programming for the connected world.

<https://temboo.com>

Has some interesting things the Arduino can do, send emails (gmail) posting data a google spreadsheet (might be good for logging), controlling arduino with your phone (Ok, not a new idea), sending a SMS message. Has an arduino library.

Here is some more information from the Arduino website about temboo:

<http://blog.arduino.cc/2014/06/17/internet-of-everything-flip-the-switch-and-get-going/?utm_content=bufferfc9e9&utm_medium=social&utm_source=plus.google.com&utm_campaign=buffer>

IFTTT.com (IF then that)

One of the 1st gateways to the internet of things, has a number of features. This is more of a gateway, and can be used to connect different websites to each other (that normally wouldn’t be connected) it can be used to connect some devices natively, and other devices can be made to work using various methods. Native devices are generally easy to setup. Non-Native Devices take a little work to get done, but some of the features make it worth wild.

<http://ifttt.com>

NOTIFICATION SERVICES: (Great for Internet of Things to talk to you)

(The 2 Best - with no limits, and free)

LiveNotifier is an app you install on your phone, it was setup to “talk” to a Sony Live Watch, but works just as well in the android notification bar. Each Device has it’s own device ID, which means that you can send yourself different notifications to different devices. There is no limit on this API otherwise.

<http://www.livenotifier.net/index.php>

(updated Jan 9, 2018 appears to be defunc)

Newtifiry is an app you install on your Android device, this app “speaks” the notification when it arrives, like LiveNotifier each device has it’s own ID, unlike LiveNotifier newtifry lets you setup “sources” each source on your account sends notifications to all your devices at once. A nice feature if you have more then one device and sometimes leave one behind somewhere.

There is an API limit of 1 message per minute, otherwise there is no limit.

<https://newtifry.appspot.com>

(One That works but is limited)

Notify My Android - Install the app on your Android device, It works similar to Newtifry in that if you send a message it goes to all your devices at once. Unlike the Above 2 serivices thou, this is very limited, and a “trial” account will let you only send 5 messages total in one day! And that is total. IT counts each device you have, so if you have the app installed on 5 devices, and send one message, you have used up your 5 messages for the day. (Even if you don’t have the device turn on)

<https://www.notifymyandroid.com>

All three link to your google account, and only work with Android devices.

For iOS I only know of one, it’s called Boxcar Push app.

<https://boxcar.io>

I don’t know much about boxcar, I think it works somewhat like newtifry or notifymyandroid.

I’ve been waiting over a year for boxcar to release it’s Android app, but at this point I don’t think it is going to happen.

Boxcar is gearing up for Boxcar 2.0, still no Android version, and not sure what the changes are, my iOS device will not run Boxcar 2.0, so it’s useless to me.

Coming soon -

AdaFruit IO

<http://www.adafruit.com/io> (Aug 17, 2016 appears to be in open beta)

LitHouse.co - [developer.lithouse.co/](http://developer.lithouse.co/) (Aug 17, 2016 appears to have disappeared)

<http://www.sense-iot.com/>

<https://yaler.net/>

<http://www.thingworx.com/>

<http://sensorcloud.com/>

<http://open.sen.se/> (Aug 17, 2016 - open.sen.se appears to not work as of 2014 - <http://sen.se/developer> appears to work, may only work with the sen.se products)

<https://dev.evrythng.com/developers/quickstart>

Arkessa enables remote devices to operate, be monitored, managed and controlled as though they were connected directly to your desktop, tablet or smart phone. Connections are secure and private. Each device is given a unique identity so that it can be contacted directly and..

<http://www.arkessa.com/>

"BUGswarm is a next-generation “machine-to-cloud” system that converts remote/mobile asset data into a collection of easily consumed and manipulated web services, making them centrally available via a hosted service, management dashboard, value-added applications and API framework". BUGswarm helps organizations make...

<http://buglabs.net/bugswarm>

Product of Buglabs:

Visualize the Internet of Things -<https://freeboard.io/>

Ridiculously simple messaging and alerts fro the internet of things - <https://dweet.io>/

GroveStreams is one the most powerful platforms in the cloud providing near real-time decision making capabilities to millions of users and devices. The proliferation of devices that generate data increases every day and traditional systems cannot effectively capture, analyze and react..

<https://grovestreams.com/>

The iDigi Device Cloud is a cloud platform for device network management that is driving the Internet of Things. The iDigi Device cloud connects any application, with anything, anywhere. The iDigi Device cloud allows you to easily connect any device, communicate in two directions,... (Cost Money)

<http://www.etherios.com/products/devicecloud/> (Jan 9, 2018 appears defunc)

<http://newaer.com/developers/> (Not sure what this one is, talks about all radios with no pairing)

evothings.com - develop mobile applications for IoT in HTML5 and JavaScript with Evothings Studio.

<http://evothings.com/> Evothings Arduino code

<http://evothings.com/things/Arduino>

Smart Things - a commercial website that also deals with IoT - they sell products to make your home smarter.

<http://www.smartthings.com>

They also have a arduino thingshield and the documentation can be found here:

<http://docs.smartthings.com/en/latest/arduino/index.html>

they sell it here:

<https://shop.smartthings.com/#!/products/smartthings-shield-arduino>

Socket.io enables real-time bidirectional event-based communication. It works on every platform, browser or device, focusing equally on reliablitiy and speed.

<http://socket.io/>

Information about Raspberry PI & Beagle Bone Black and the IoT:

<http://www.theregister.co.uk/2015/05/09/book_review_iot_diy_at_home_projects_for_arduino_pi_beaglebone/>

Windows 10 and Arduino Setup and other Windows 10 information

<http://ms-iot.github.io/content/win10/SetupWRA.htm>

<http://ms-iot.github.io/content/win10/SetupWVSA.htm>

NetIO APP - looks like you can build interfaces to your project easy for Android and iOS devices costs $9.99 on play store (not sure if it is worth buying)

<http://netio.davideickhoff.de/en/>

Blynk - Looks like a similar idea to build interfaces for projects for Android and iOS devices, this

was on kickstarter and backers got additional “widgets”, the app looks like it’s free, but I am skeptical as if there aren’t some hidden costs somewhere.

<http://www.blynk.cc/>

OpenHAB - a vendor and technology agnostic open source automation software for you home.

<http://www.openhab.org/index.html>

Octoblu - I think this might have replaced skynet, it looks like it’s very similar

<https://www.octoblu.com/>

Artoo - Ruby on Robots - Not sure if this is really an IoT or a programming language replacement or a piece of hardware, or all of the above - I do find it interesting, and I find a need to learn ruby.

<http://artoo.io/>

Visualize the Internet of Things:

<http://freeboard.io/>

Ridiculously simple messaging and alerts for IoT

<http://dweet.io/>

data.sparkfun.com - a place to push your data

<https://data.sparkfun.com/> (Jan 9, 2018 recently Like Dec 31, 2017 defunc)

Thingsquare

<http://www.thingsquare.com/>

Google Project Brillo

<https://developers.google.com/brillo/>

Dragino - Is both a hardware solution to the IoT - with a “motherboard” that runs OpenWRT, and module support for Xbee and other wireless technologies

(personal note: This looks like it might be YUN compatible (or related to a YUN) but it’s not a YUN, it’s a very different type of hardware)

The Dragino V2 - IoT Sensor Node is $45 US

<http://www.dragino.com/>

<http://www.seeedstudio.com/depot/dragino-v2-iot-sensor-node-p-1630.html>

FreeBoard - Visualize the Internet of Things - Ridiculously simple dashboards for your devices

<https://freeboard.io/>

MySensors - IoT & DIY

<http://www.mysensors.org/>

IoTgo

<http://iotgo.itead.cn/about> (Jan 9, 2018 appears to be defunc)

remote LED api (Maybe the same or like the WIFI RGB LEDs I have?)

Uses UDP protocols

<http://remoteled.com/api.html>

(Jan 9, 2018 appears to be defunc)

Wireless Sensor Tags:

<http://www.mytaglist.com/>

New Blink Sticks

<https://www.blinkstick.com/>

Sensable.io Tools for Makers

<http://sensable.io/#/home> (Jan 9, 2018 appears to be defunc)

Pushover Simple Notifications:

<https://pushover.net/>

Ridiculously simple messaging and alerts for the internet of things

<http://dweet.io/>

CC2541 SensorTag Development Kit

<http://www.ti.com/tool/cc2541dk-sensor#3>

<http://www.ti.com/tool/cc2541dk-sensor#2>

Not sure if this is an IOT or something else, it’s interesting.

<http://mosquitto.org/>

<http://thethingbox.io/>

Real Time User Interfaces for the Internet of Things

<http://www.thingstud.io/#>

Internet of Things with Android and Arduino: Control remote LED

<http://www.survivingwithandroid.com/2015/06/internet-of-things-android-arduino.html#more>

Software Tools for Makers (Visual IoT Studio)

<http://www.st4makers.com/>

Smart.js IoT platform

<https://cesanta.com/smartjs.shtml>

Seeed Studio 9 popular IOT cloud platforms for developers:

<http://seeed.cc/topic_detail.html?id=5660>

Arduino Cloud:

<http://cloud.arduino.cc>

Ubidots: <http://ubidots.com/>

Telegram:

<https://telegram.org/>

Teleduino:

<https://www.teleduino.org>

Thinger.io

<https://www.thinger.io>

Cayenne My Devices:

<https://www.cayenne-mydevices.com>

Device WebAPI Management

<http://www.gclue.io/dwa/>

Dataino.it

<http://iot.dataino.it/>

# IoT (MQTT) Dashboards (2018)

Crouton Dashboard - Crouton is very interesting, and something that I’d like to explore more. It makes buttons and text boxes based on what is sent from the client. It has a way to auto connect to various devices. I found it interesting while I was testing, but ultimately would have taken a pretty big rework of the sketch to work for this.

Thou, I do want to explore it more, this may not be the right project for it.

<http://crouton.mybluemix.net/crouton/gettingStarted>

<https://github.com/edfungus/Crouton>

[ThingsBoard](https://thingsboard.io/docs/getting-started-guides/what-is-thingsboard/) is an open-source IoT platform for data collection, processing, visualization, and device management. It enables device connectivity via industry standard IoT protocols - MQTT, CoAP and HTTP and supports both cloud and on-premises deployments. ThingsBoard combines scalability, fault-tolerance and performance so you will never lose your data. <https://thingsboard.io/>

<https://thethings.io/>

<http://www.dglogik.com/examples>

<https://www.iottweet.com/> Simple API for Internet of Things devices to record data and tweet messages that are displayed on the dashboard.

<http://emqtt.io/> MQTT Client

### Added Aug 31, 2018:

Antares (offers you a one-stop IoT platform solution combined with tons of capabilities)

<https://antares.id/en/index.html>

## Updates: Sep 28, 2018

Cloudio and GraspIO - appears to be hardware for your raspberry pi, that intergrates with a graspio app, to make Iot simple. <https://www.grasp.io>

<https://www.newark.com/graspio/cloudio-smrtdev-r-v1/cloudio-personal-iot-computer/dp/95Y0908?CMP=e-email-SBC-260918-Graspio%20&et_cid=30288355&et_rid=1226316463&cmp=>

The cost for the hardware is $39.99 I didn’t see anything about additional costs.

Nodifyme - <https://www.nodifyme.com> runs on your network, allows you to connect to different hardware and software components directly, also allows connect the components to each other.

Windows Only :( but it is free (at least currently)

CDP Stduio - not sure about this one, I saw a email that said it was free for home users.

<https://cdpstudio.com>

Remoteme.org <https://remoteme.org> host control pages secured in the remoteme cloud (may have to try this one, it’s freeish I think) They have some examples for arduino and esp8266

aREST free for up to 5 devices and 4 dashboards, and 100 events - a easy way to control and monitor all your projects, create RESTful interface to several embedded boards and platforms. ESP8266, Raspberry PI, Arduino MKR1000 <https://arest.io>