

iPhone + ifttt = IoT wifi
sensor platform

May 2012

Internet of Things

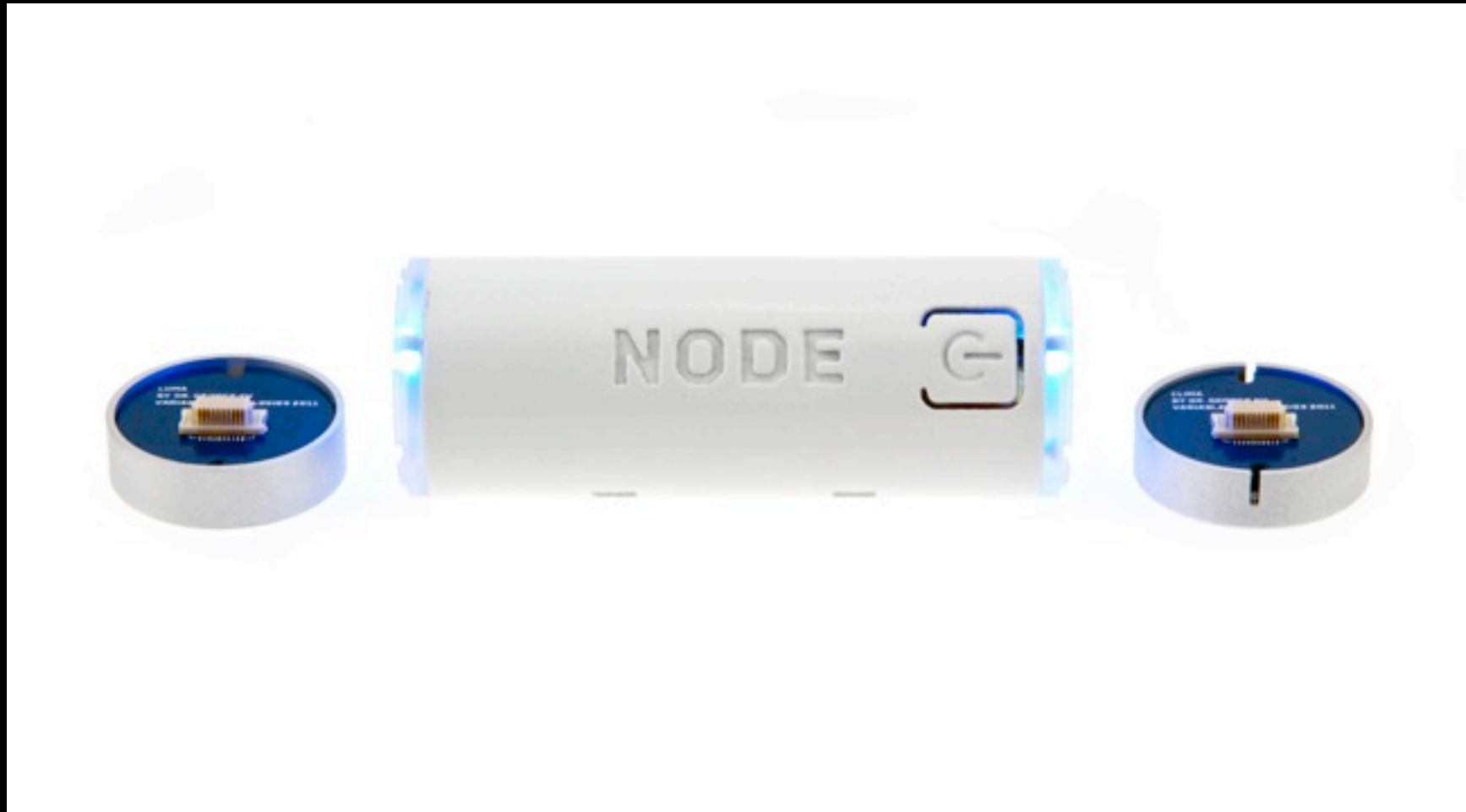
- Real-world objects
- Uniquely addressable
- Connected



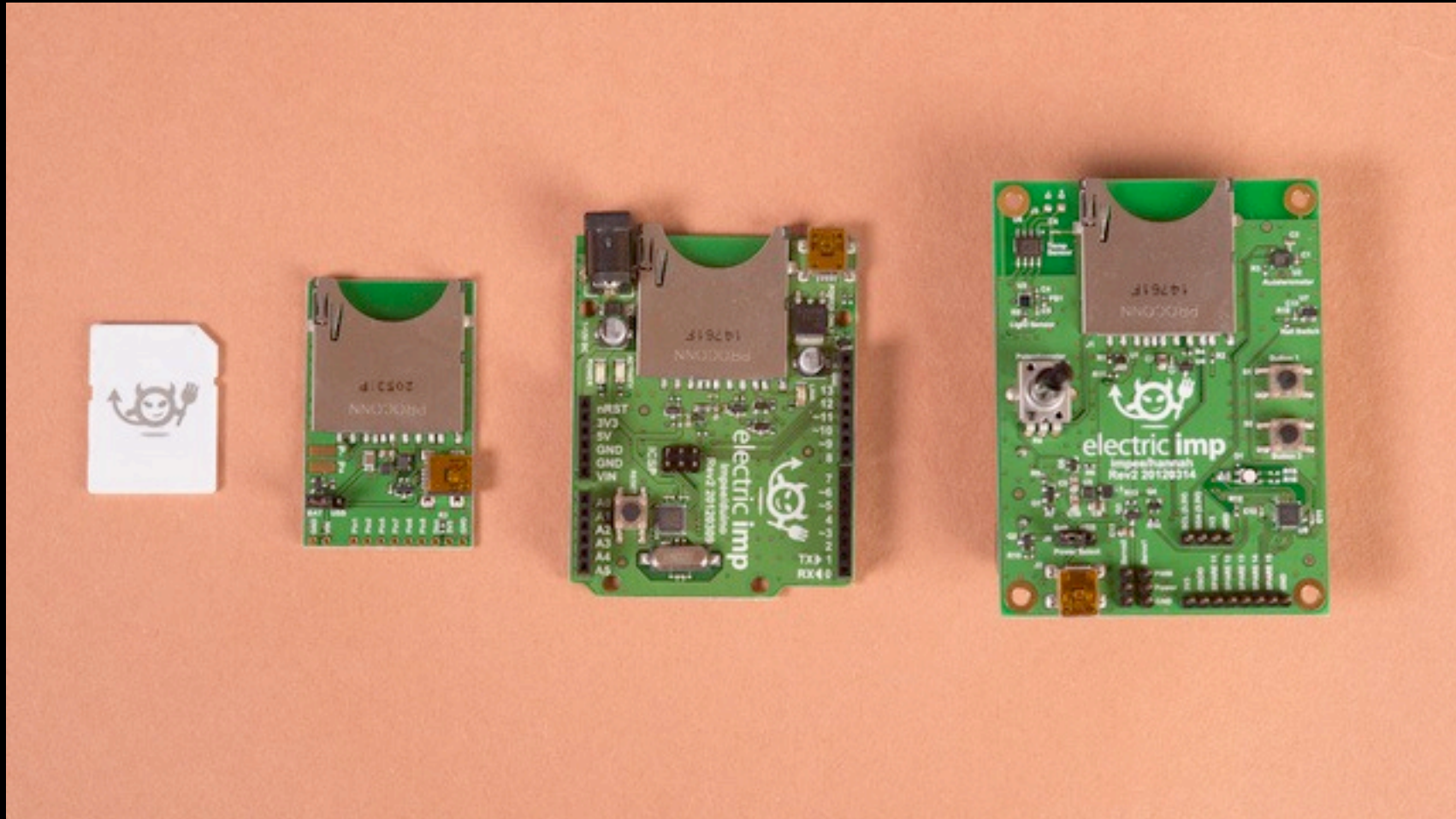
Twine



Ninja Blocks



Node



Electric Imp

if  **then**

Any new photo by you
ltibbets



Add file from URL to [Linden Tibbets' dropbox](#)

ifttt

Old iPhones


```
<!DOCTYPE html>
<html>
  <head>
    <title>Acceleration Example</title>

    <script type="text/javascript" charset="utf-8" src="cordova-1.6.0.js"></script>
    <script type="text/javascript" charset="utf-8">

      // The watch id references the current `watchAcceleration`
      var watchID = null;

      // Wait for Cordova to load
      //
      document.addEventListener("deviceready", onDeviceReady, false);

      // Cordova is ready
      //
      function onDeviceReady() {
        startWatch();
      }

      // Start watching the acceleration
      //
      function startWatch() {

        // Update acceleration every 3 seconds
        var options = { frequency: 3000 };

        watchID = navigator.accelerometer.watchAcceleration(onSuccess, onError, options);
      }

      // Stop watching the acceleration
      //
      function stopWatch() {
        if (watchID) {
          navigator.accelerometer.clearWatch(watchID);
          watchID = null;
        }
      }
    }
  }

```

Old iPhones

- XCode and the iOS SDK
- PhoneGap (0.9.6 for iOS 3)
- PowerManagement
- GapSocket
- SMTP to ifttt

No Service



1:26 AM



ifttt account email

email account username

email account password

outbound (smtp) mail server

outbound (smtp) mail server port

Waiting for accelerometer...

Start Watching

Stop Watching

No Service



2:02 AM



vito_ifttt@perilith.com

vitorious3

.....

smtp.mandrillapp.com

25

Acceleration X: 0.344131

Acceleration Y: -0.887497

Acceleration Z: -0.489029

Timestamp: 1334646178184

Start Watching

Stop Watching

<http://vi.to/ios-iot>