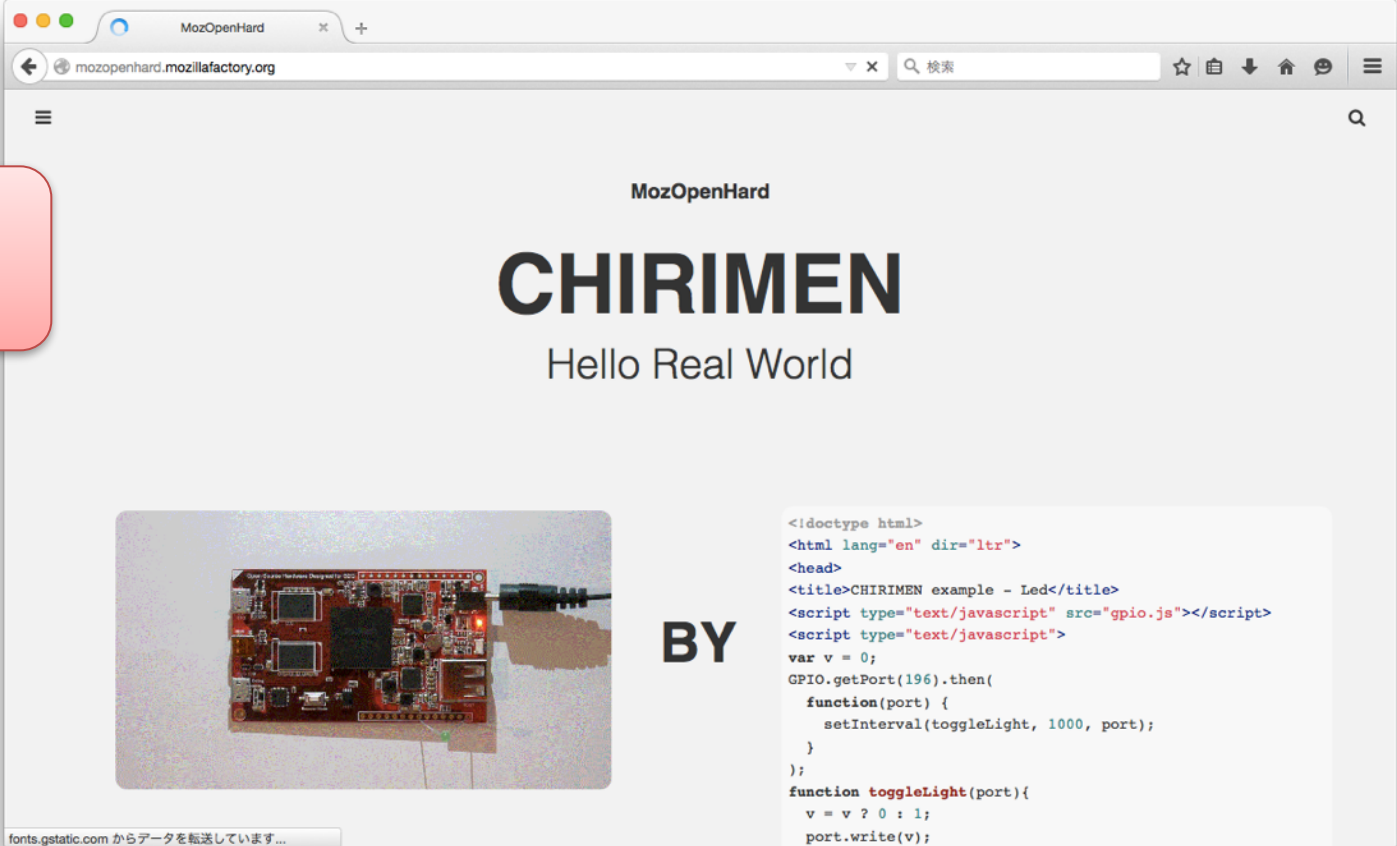


introducing mozOpenHard project

(on behalf of Satoru Takagi, KDDI)

- Open-source computer board by mozilla project
- Running Firefox OS and implementing APIs for GPIO, I2C.

Concept demo
and video!!

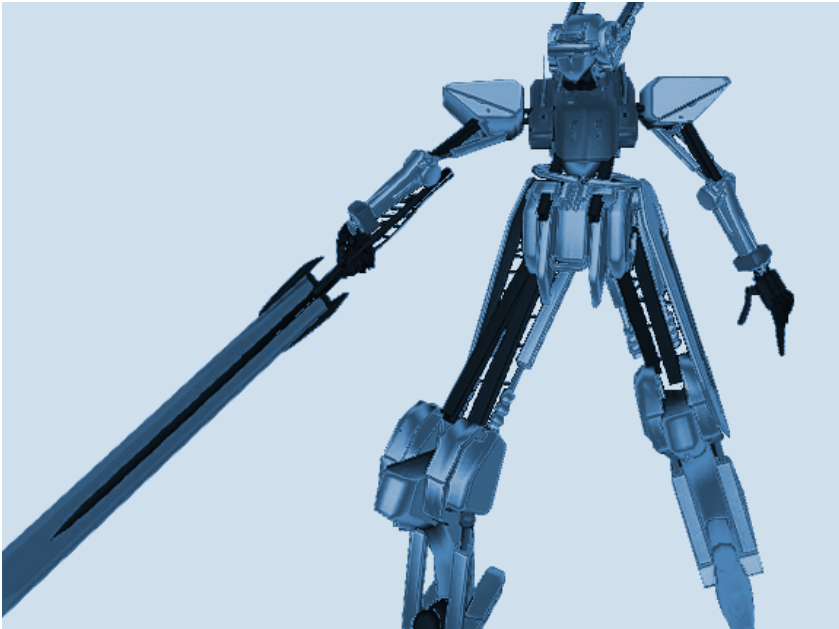


The screenshot shows a web browser displaying the MozOpenHard website. The page features the title "MozOpenHard" and "CHIRIMEN" in large, bold letters, followed by the subtitle "Hello Real World". Below the text, there is a photograph of the CHIRIMEN computer board, which is a red PCB with various components and a USB cable connected. To the right of the photo, the word "BY" is displayed in large, bold letters, followed by a code snippet in JavaScript. The code snippet is as follows:

```
<!doctype html>
<html lang="en" dir="ltr">
<head>
<title>CHIRIMEN example - Led</title>
<script type="text/javascript" src="gpio.js"></script>
<script type="text/javascript">
var v = 0;
GPIO.getPort(196).then(
  function(port) {
    setInterval(toggleLight, 1000, port);
  }
);
function toggleLight(port){
  v = v ? 0 : 1;
  port.write(v);
}
```

<http://mozopenhard.mozillafactory.org/>

Telepresence robot control demo via Web RTC

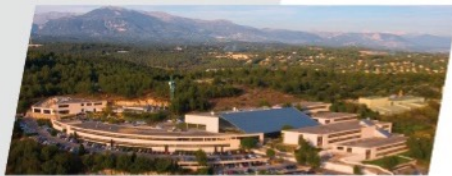


SkyWay



EURECOM

S o p h i a A n t i p o l i s



Demo: Lightweight M2M Gateway for Web of Things

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Mobile Communications Department
Email: Soumya-Kanti.Datta@eurecom.fr

Lightweight M2M Gateway for Web of Things

- **M2M Gateway running on Raspberry Pi**
 - Framework used – Flask
- **RESTful APIs for**
 - Registration & un-registration of Things
 - Based on CoRE Link Format
 - Management
 - Based on OMA LwM2M Technical Specifications
 - Discovery
 - Actuation
- **Accessible using URIs**



Oxford Flood Network (DEMO)

Edoardo Pignotti

April 2015, Munich Germany

W3C WoT F2F Meeting



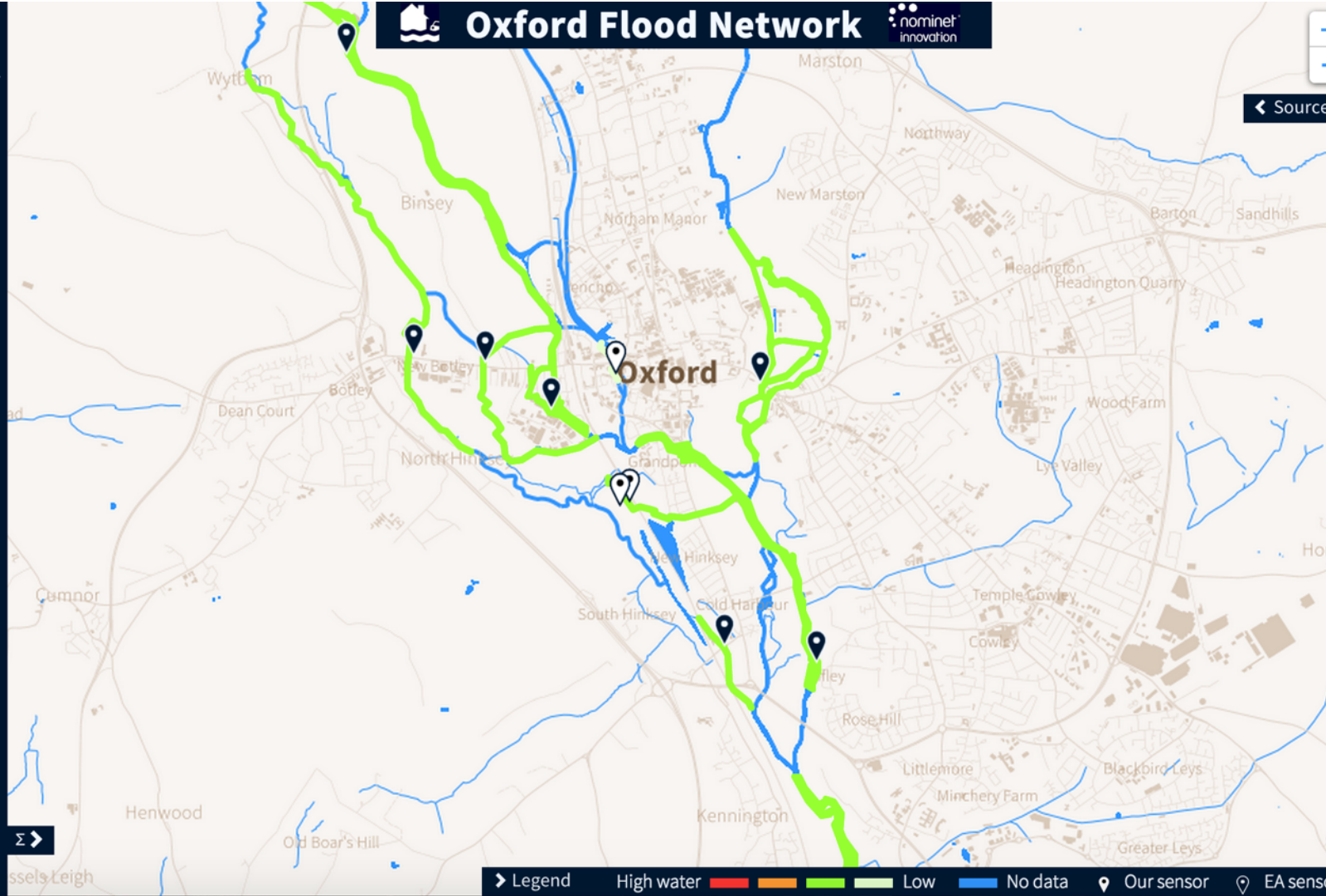


Live River Levels

PRE-RELEASE ALPHA - FOR EXPERIMENTAL PURPOSES ONLY



Oxford Flood Network





Thing ZONE



myThings

Show All ⚙️ Devices ⋮ Streams 🔗 Things

+ Thing

Hogacre Flood Basement

Key: qnnk-xtmt-64hf-bnpu-ujd3-ivqv.h.a

Stream	Latest Payload
Height	a month ago
River Level (40 Latest)	a month ago

Gateway 001

Key: 64f4-bkz5-Indp-u53c-5rdg-lf3l.b.u

Stream	Latest Payload
Uptime	a few seconds ago

Hogacre Eastwyke

Key: cjmr-lcyr-henm-gkl3-ffci-5zsl.6.4

Stream	Latest Payload
Height	37 minutes ago
River Level (40 Latest)	37 minutes ago
Battery Voltage	7 minutes ago
Temperature	7 minutes ago

Hogacre Hinksey Stream

Key: gubk-mnyf-6z7u-m5jx-kbwr-7gur.i.6

Stream	Latest Payload
Battery Voltage	24 days ago
Temperature	24 days ago

Wareham Stream

Key: c57o-yfqk-kdvq-r7w7-4l6s-odiy.6.m

Stream	Latest Payload
Battery Voltage	an hour ago
Temperature	8 minutes ago
Height	8 minutes ago
River Level (40 Latest)	7 minutes ago

Hogacre Water Butt

Key: js6w-molc-vovh-2zy3-4yzc-33xf.4.5

Stream	Latest Payload
Battery Voltage	5 days ago
Temperature	5 days ago

Page updated a few seconds ago.