

# Internet de las Cosas

## Herramientas de Desarrollo para Raspberry Pi



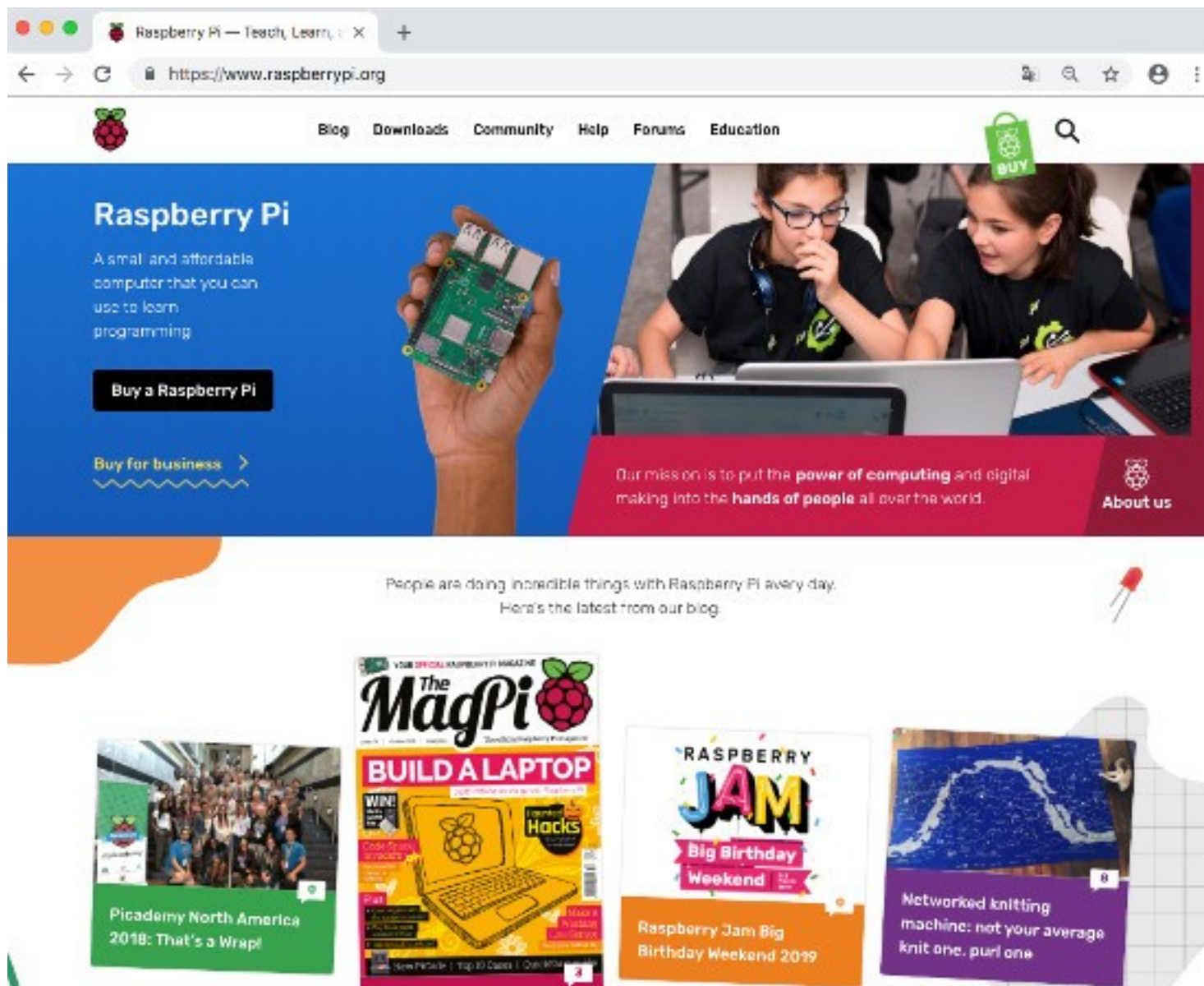
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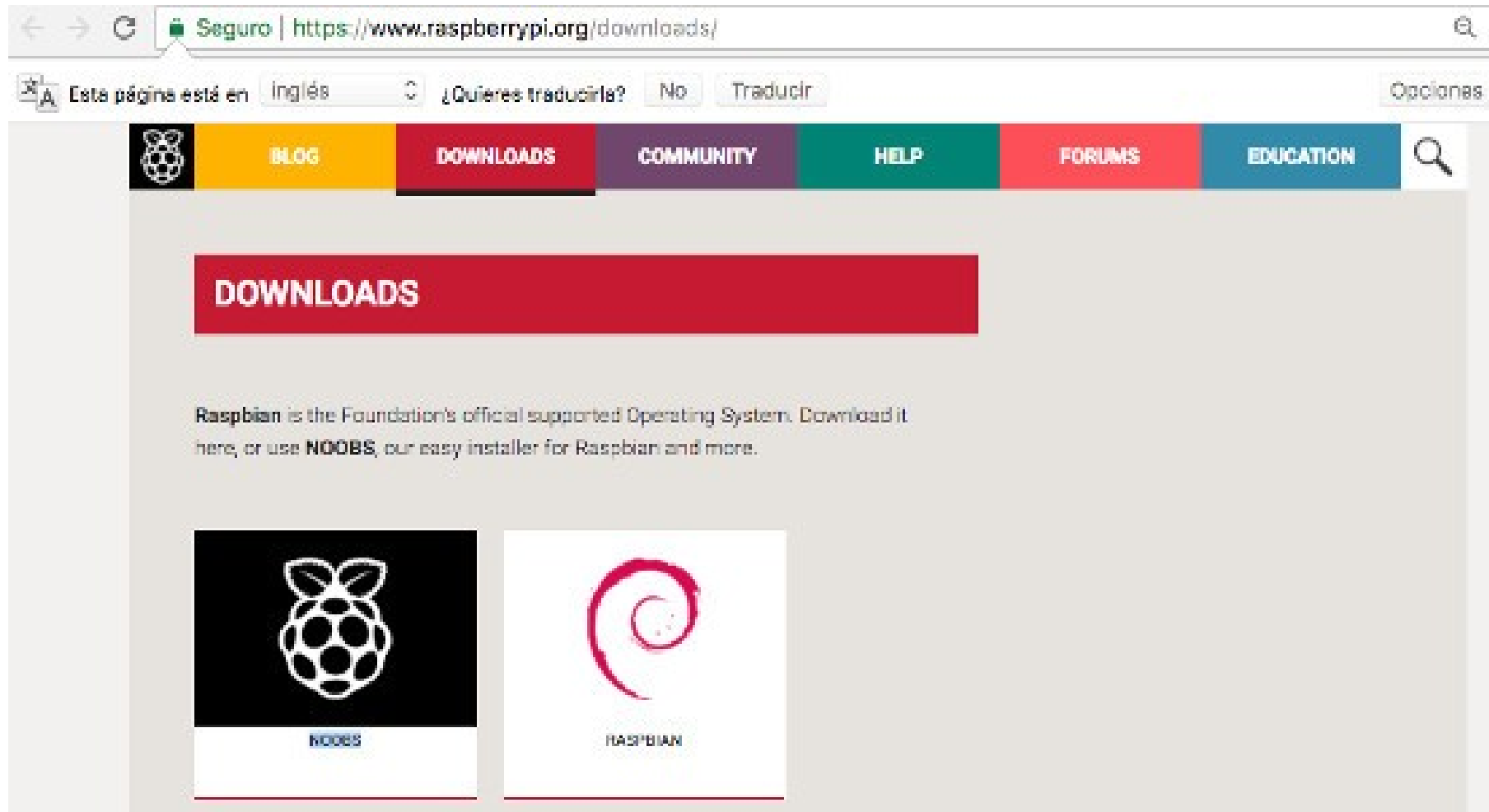


# Herramientas de Desarrollo

# Página Oficial

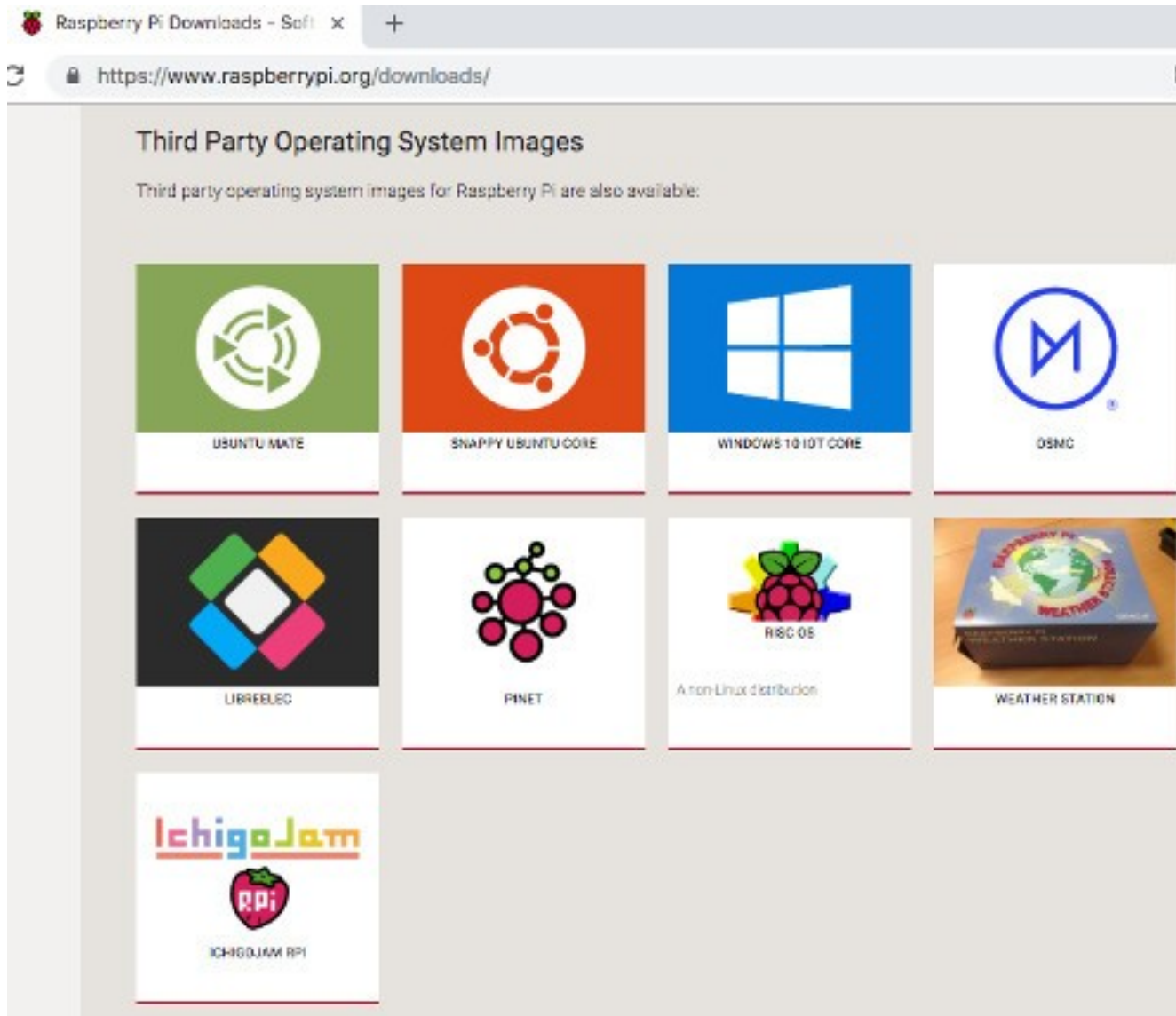


# Sistema Operativo Oficial

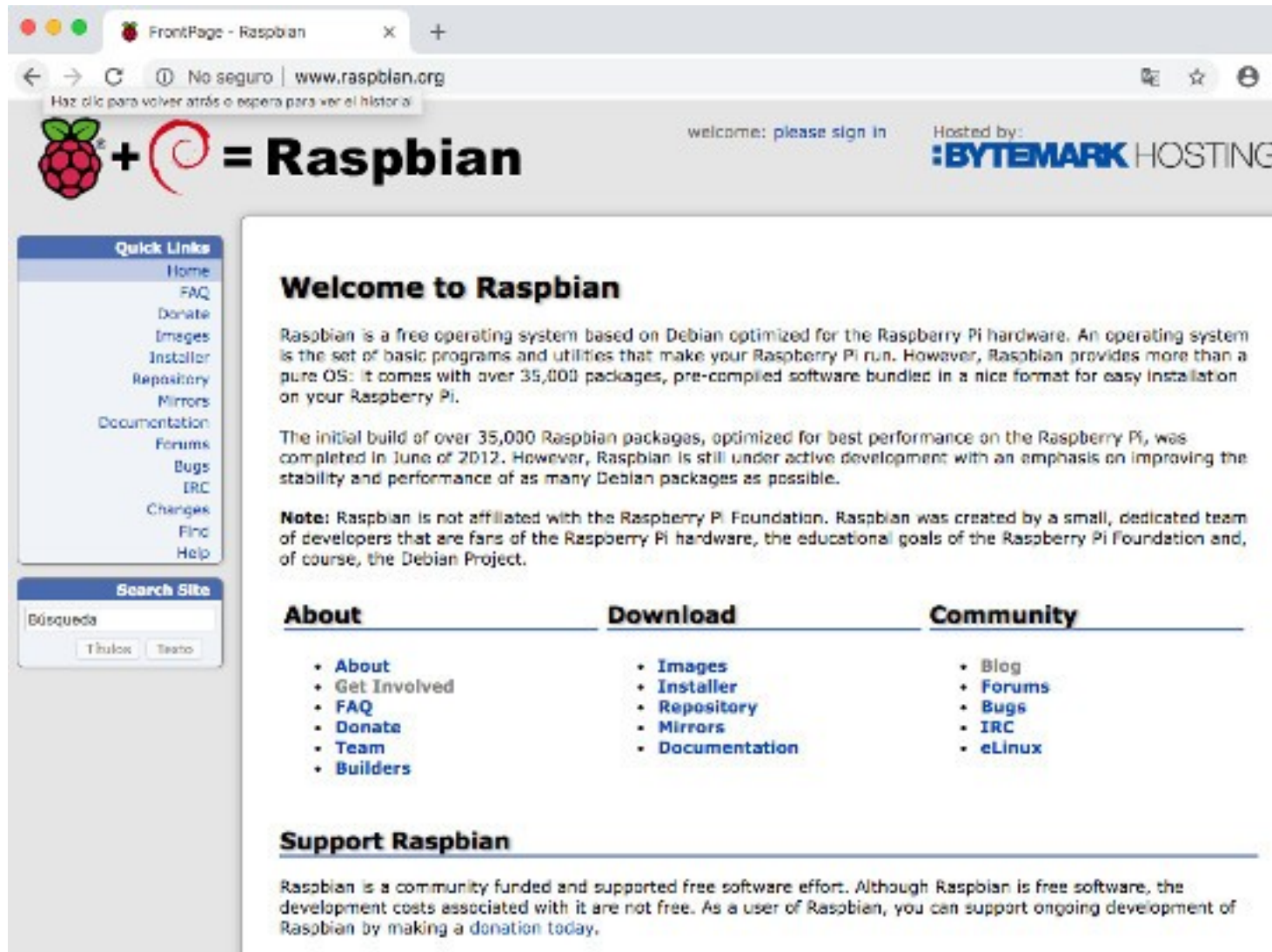


The image shows a screenshot of a web browser displaying the Raspberry Pi Downloads page. The browser's address bar shows the URL <https://www.raspberrypi.org/downloads/>. The page features a navigation menu with links for BLOG, DOWNLOADS, COMMUNITY, HELP, FORUMS, and EDUCATION. A red banner at the top of the main content area reads "DOWNLOADS". Below this, the text states: "Raspbian is the Foundation's official supported Operating System. Download it here, or use NOOBS, our easy installer for Raspbian and more." Two download options are presented: "NOOBS" with the Raspberry Pi logo and "RASPBIAN" with the Raspbian logo.

# Sistemas Operativos disponibles



# Página oficial de Raspbian



FrontPage - Raspbian

No seguro | www.raspbian.org

Haz clic para volver atrás o espera para ver el historial

welcome: please sign in Hosted by: **BYEMARK** HOSTING

## Quick Links

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- Donate
- Images
- Installer
- Repository
- Mirrors
- Documentation
- Forums
- Bugs
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- Changes
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## Welcome to Raspbian

Raspbian is a free operating system based on Debian optimized for the Raspberry Pi hardware. An operating system is the set of basic programs and utilities that make your Raspberry Pi run. However, Raspbian provides more than a pure OS: it comes with over 35,000 packages, pre-compiled software bundled in a nice format for easy installation on your Raspberry Pi.

The initial build of over 35,000 Raspbian packages, optimized for best performance on the Raspberry Pi, was completed in June of 2012. However, Raspbian is still under active development with an emphasis on improving the stability and performance of as many Debian packages as possible.

**Note:** Raspbian is not affiliated with the Raspberry Pi Foundation. Raspbian was created by a small, dedicated team of developers that are fans of the Raspberry Pi hardware, the educational goals of the Raspberry Pi Foundation and, of course, the Debian Project.

### About

- [About](#)
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### Download

- [Images](#)
- [Installer](#)
- [Repository](#)
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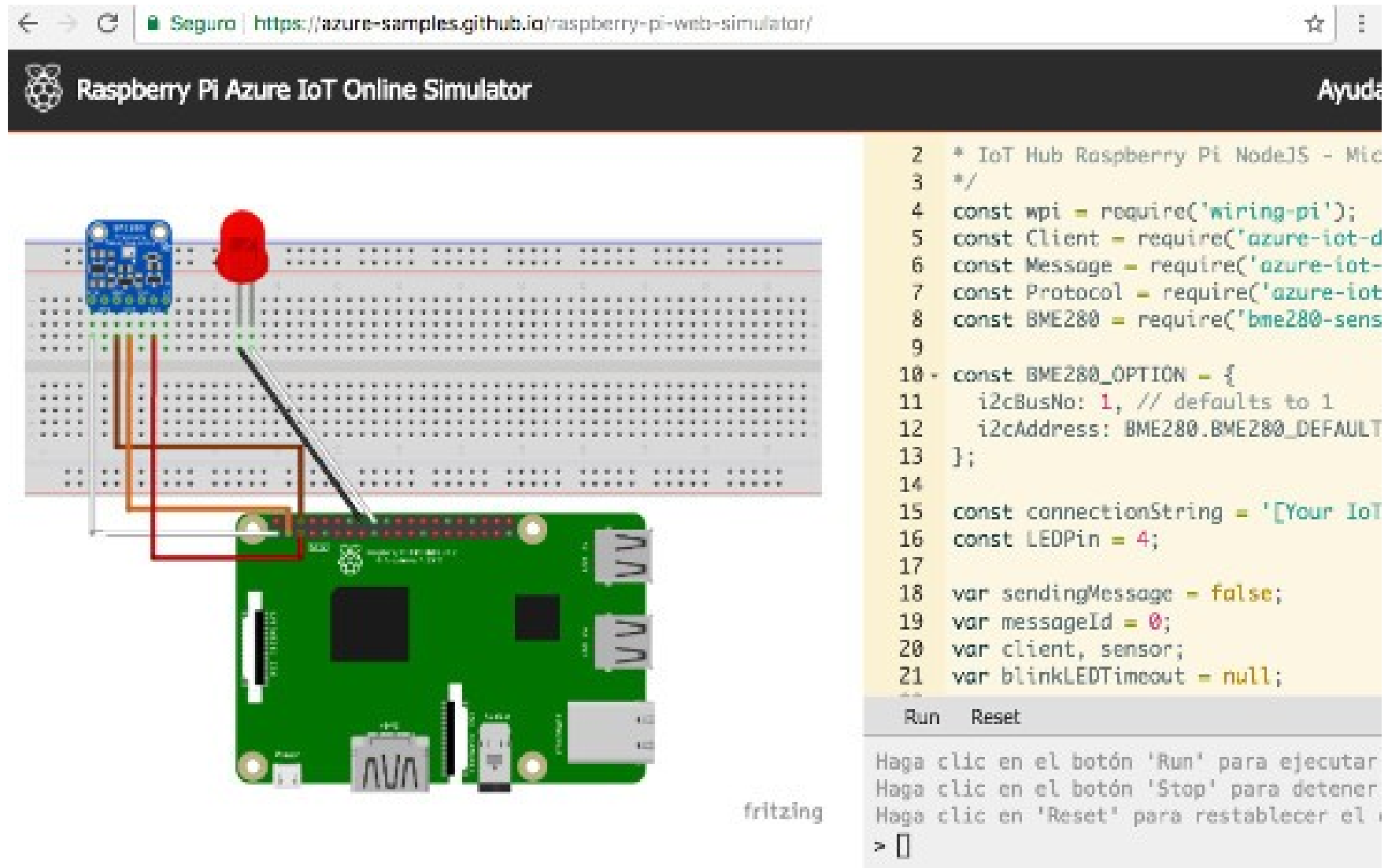
### Community

- [Blog](#)
- [Forums](#)
- [Bugs](#)
- [IRC](#)
- [eLinux](#)

## Support Raspbian

Raspbian is a community funded and supported free software effort. Although Raspbian is free software, the development costs associated with it are not free. As a user of Raspbian, you can support ongoing development of Raspbian by making a donation today.

# Simulador en línea



```
2 * IoT Hub Raspberry Pi NodeJS - Mic
3 */
4 const wpi = require('wiring-pi');
5 const Client = require('azure-iot-d
6 const Message = require('azure-iot-
7 const Protocol = require('azure-iot
8 const BME280 = require('bme280-sens
9
10 const BME280_OPTION = {
11   i2cBusNo: 1, // defaults to 1
12   i2cAddress: BME280.BME280_DEFAULT
13 };
14
15 const connectionString = '[Your IoT
16 const LEDPin = 4;
17
18 var sendingMessage = false;
19 var messageId = 0;
20 var client, sensor;
21 var blinkLEDTIMEOUT = null;
22
23 Run Reset
24
25 Haga clic en el botón 'Run' para ejecutar
26 Haga clic en el botón 'Stop' para detener
27 Haga clic en 'Reset' para restablecer el
28 > []
```

# Revista oficial

The screenshot shows the homepage of the official Raspberry Pi magazine, The MagPi. The browser address bar displays the URL <https://www.raspberrypi.org/magpi/>. The page features the MagPi logo with the tagline "The official Raspberry Pi magazine" and social media icons for Facebook, Twitter, Google+, and RSS. A prominent promotional banner for the Raspberry Pi Zero W is displayed, offering a "FREE PI ZERO W" when subscribing to the print magazine for 12 months. The banner also includes an image of the Raspberry Pi Zero W board and a "PLUS OFFICIAL PI ZERO CASE WITH 3 COVERS" offer, along with a "SUBSCRIBE TODAY!" button. The navigation menu at the bottom includes links for Home, Catalogue, Subscribe, Buy Now, Latest News, Tutorials, and Contact Us, along with a search bar.

← → ↻ Seguro <https://www.raspberrypi.org/magpi/>

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