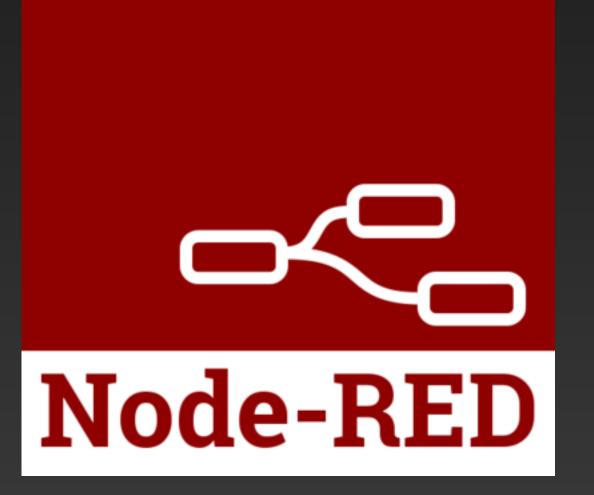
JavaScript 物聯網實作

Node-RED

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Node-RED

- IBM 開發的視覺化 IoT 開發工具
- 以 Node.js 為基礎
- 純粹透過流程圖的方式工作
- 不需要會 Node.js 也可透過 Node-RED 完成後端
- 官網: https://nodered.org/



Node-RED

Low-code programming for event-driven applications

Latest version: v1.0.6 (npm)

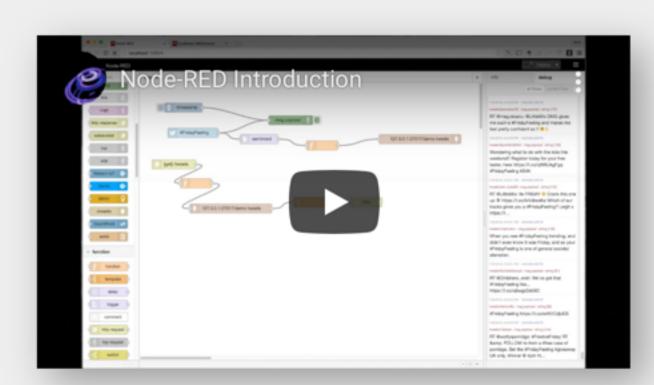
Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.

It provides a browser-based editor that makes it easy to wire together flows using the wide range of nodes in the palette that can be deployed to its runtime in a single-click.

Features

Get Started

Community

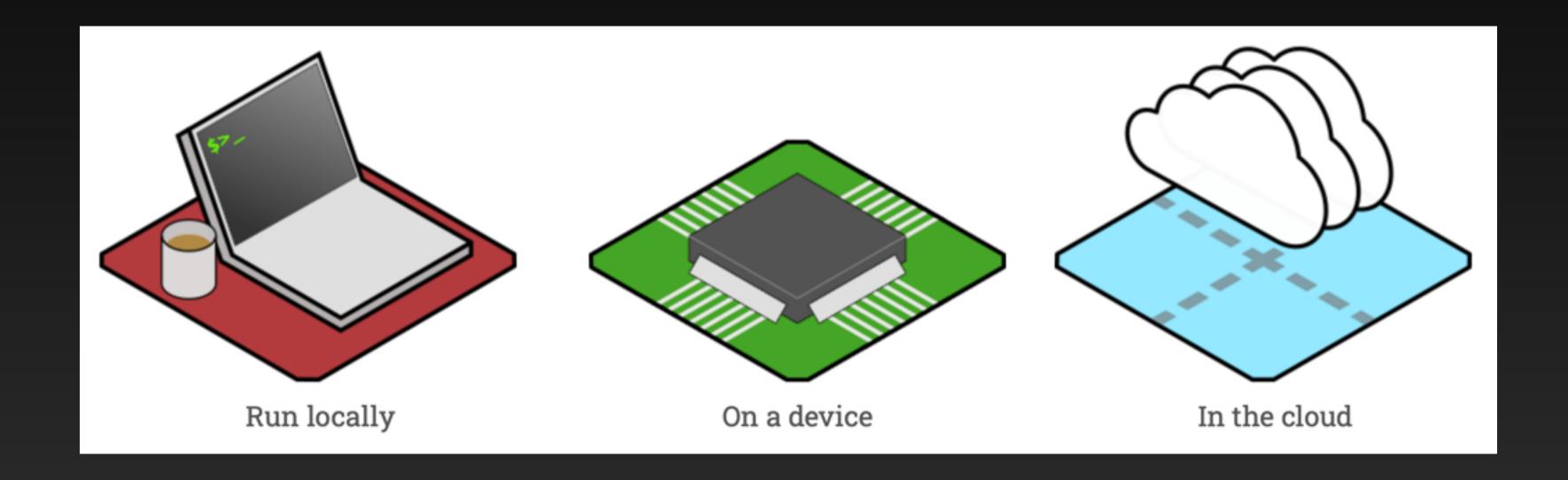




Browser-based flow editing

Node-RED provides a browser-based flow editor that makes it easy to wire together flows using the wide range of nodes in the palette. Flows can be then deployed to the runtime in a single-

開發環境



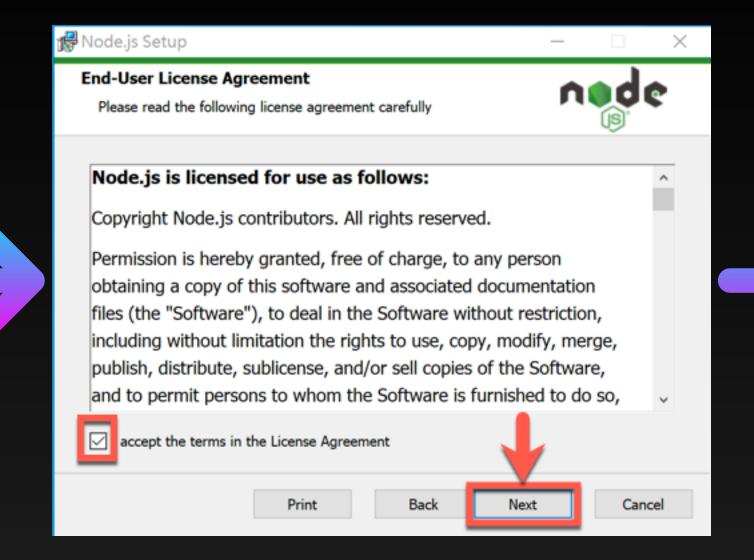
安裝 Node-RED

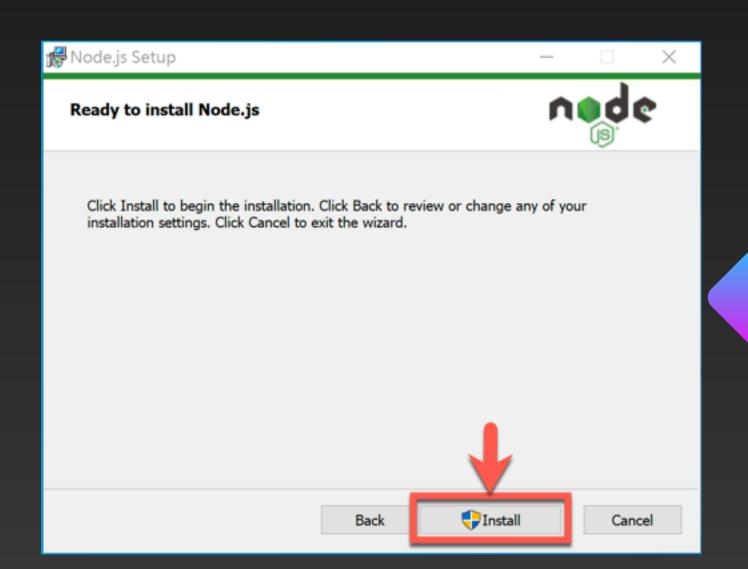
安裝 Node.js

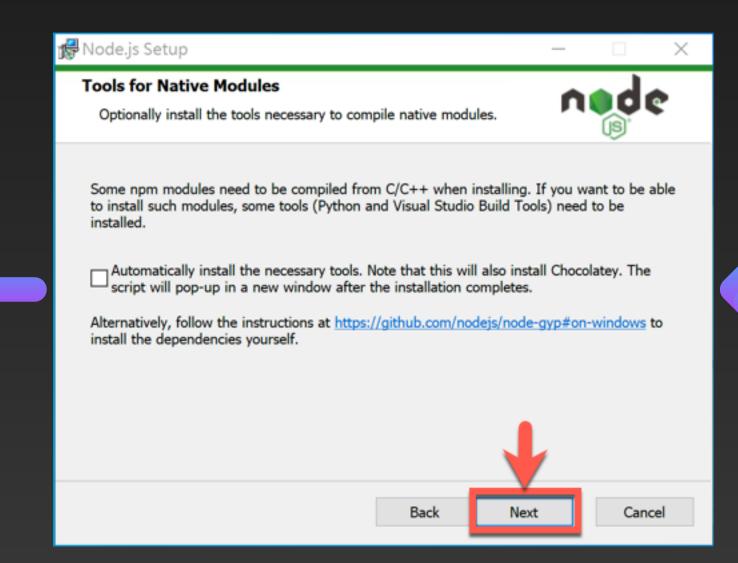


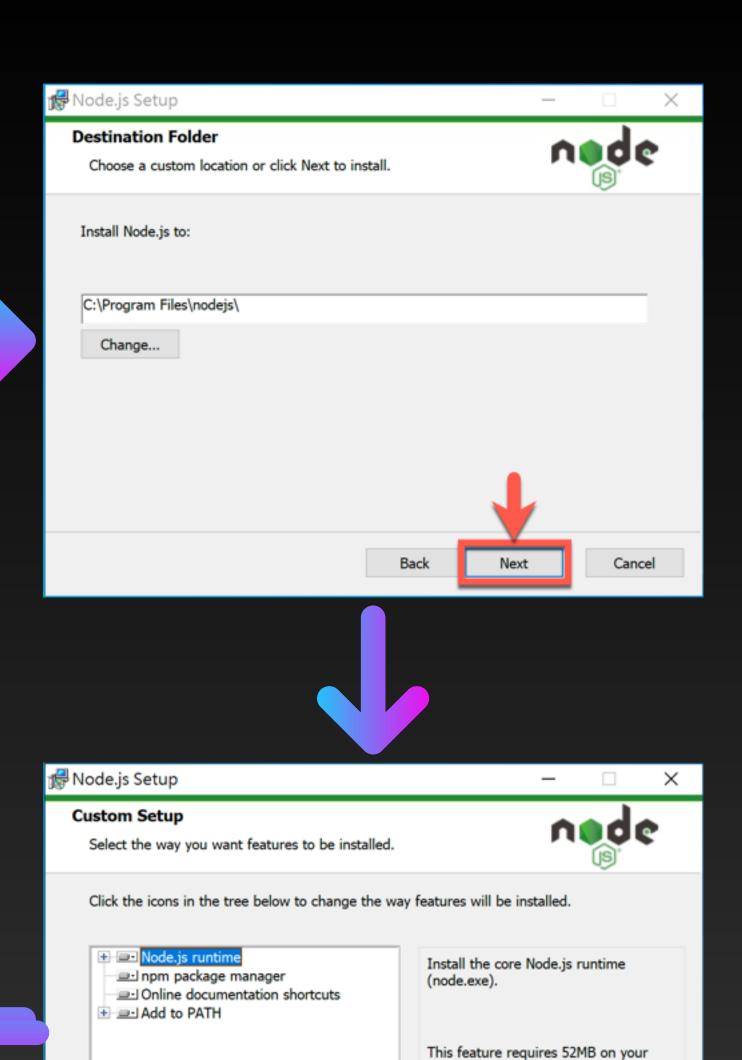
https://nodejs.org/en/







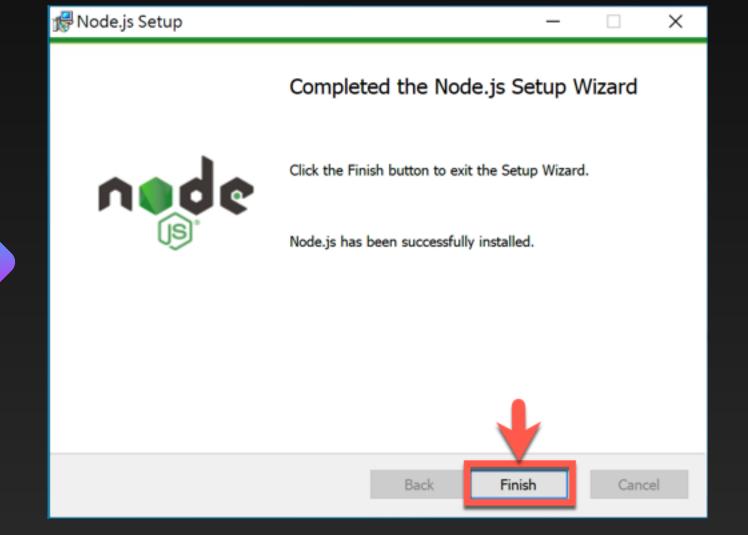




hard drive. It has 1 of 1 subfeatures selected. The subfeatures require

12KB on your hard drive.



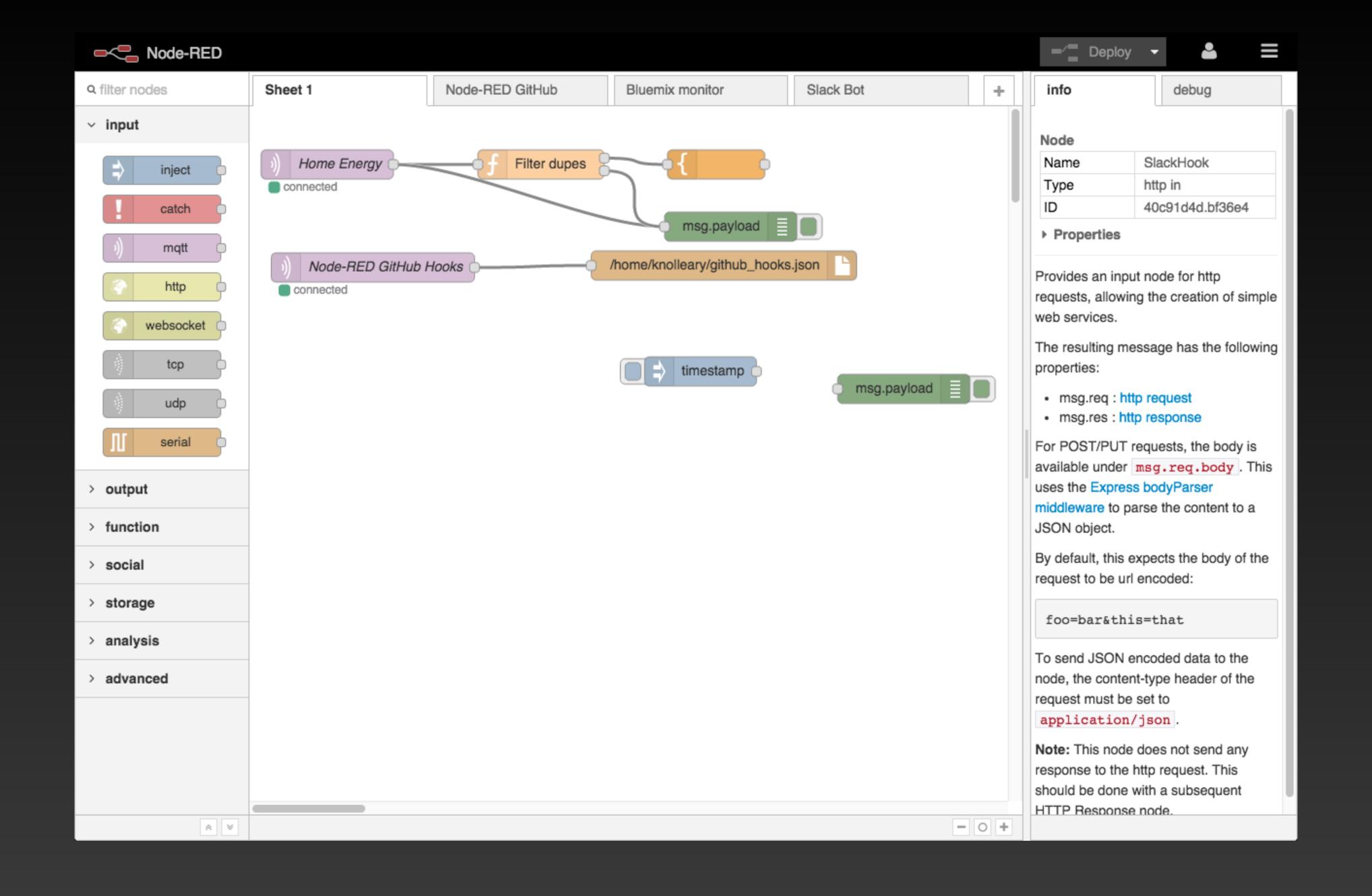


安裝 Node-RED

- 安裝 Node.js 完成後,打開終端機
- 輸入 npm install -g node-red 就可以完成 Node-RED 的安裝
- 如果是 Mac 前面要加上 sudo
- 安裝完成後,只要繼續輸入 node-red,就會啟動 Node-RED

啟動 Node-RED

- 打開終端機輸入 node-red 就會啟動 Node-RED
- 打開瀏覽器,網址列輸入 http://127.0.0.1:1880/,就可以打開 Node-RED
- 左邊是一些功能流程的節點,每個節點都有各自的功能
- 中間的區域就是透過這些節點組成流程圖



講義、範例程式下載:

http://ycwang812.at.tw

Repositories > UCH

 https://github.com/ ycwang812/UCH

