Production Supporting Systems in Factories

ระบบสนับสนุนการผลิตในโรงงานอุตสาหกรรม

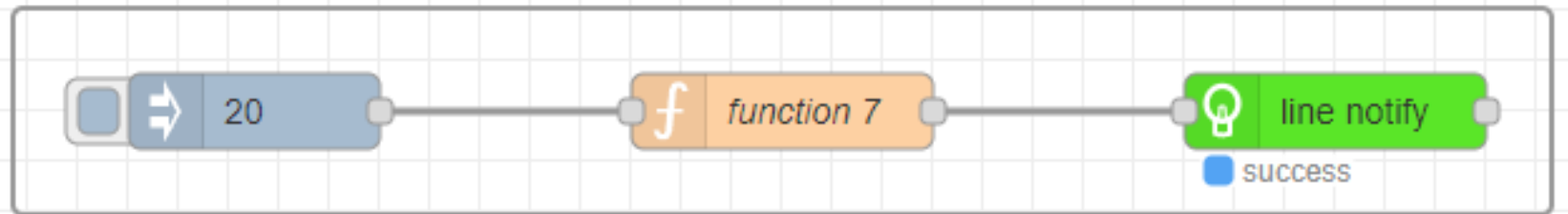# Line Notify 2

Easier Implementation

Setup

- Install `node-red-contrib-line-notify`

Flow

line notify node

`function` node

```javascript
const date = new Date();
const datestring = date.toLocaleDateString();
const timestring = date.toLocaleTimeString();

// Customize your message here
const payload = `
📅 วัน: ${datestring}
🕐 เวลา: ${timestring}
📈 ค่า: ${msg.payload}
`;
msg.payload = "\n" + payload.trim();
return msg;
```

Other nodes

- `delay`
  - Delay messages

- `filter`
  - Block values unless changed.

- `timeout`
  - Install `node-red-contrib-timeout`

Mobile sensors

- Instructions
  - https://pcniuzfskz.joplinusercontent.com/shares/4ctPEsAVbWv3OoNslLnp1t
- Instructional VDO
  - https://youtu.be/r5FpylTGZPI
- Node-Red flow
  - https://youtu.be/MEFTaTdLnhE

M5Stack

MQTT Topics

- Light sensor
  - `XXXX/LightValue`
  - `XXXX/LightControl`
  - `XXXX/LightStatus`
- Time of flight sensor
  - `XXXX/ToFDistance`
  - `XXXX/AlarmControl`
  - `XXXX/AlarmStatus`

Advanced debugging

- M5Burner

- Code

- UI Flow Desktop