

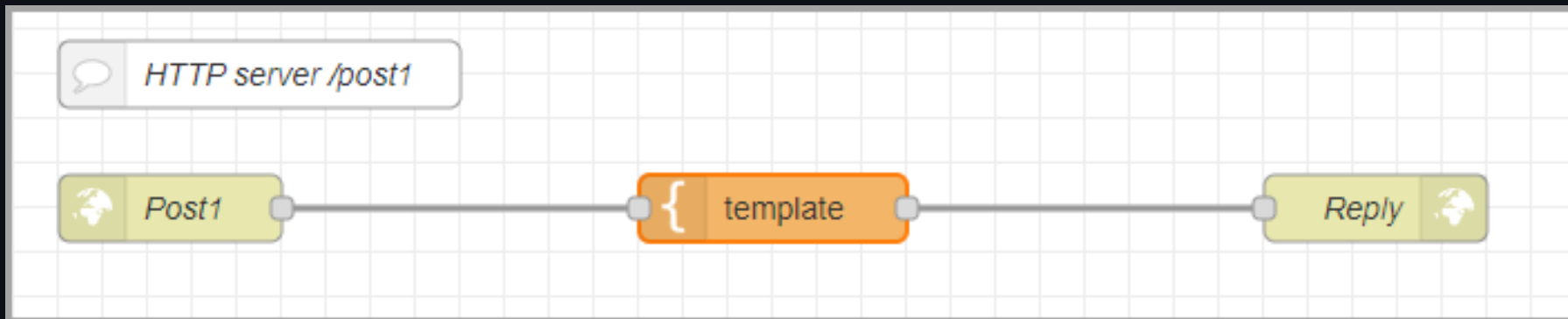
# **Production Supporting Systems in Factories**

**ระบบสนับสนุนการผลิตในโรงงานอุตสาหกรรม**

# HTTP POST Server

# Server listening to **POST** requests

- Create a server that receives **POST** requests.
  - Flow



- http in node

The screenshot shows a dialog box titled "Edit http in node". At the top, there are three buttons: "Delete", "Cancel", and "Done" (which is highlighted in red). Below the buttons is a tabbed interface with a "Properties" tab selected. The "Properties" tab contains the following fields:

- Method:** A dropdown menu currently showing "POST".
- Accept file uploads?:** An unchecked checkbox.
- URL:** A text input field containing "post1".
- Name:** A text input field containing "Post1".

On the right side of the "Properties" tab, there are three small icons: a gear (settings), a document (JSON), and a monitor (preview).

- Send the transformed message back.
- Try sending the post requests to your friends public address.

- **template node**

**Edit template node**

Delete

Cancel

Done

**Properties**

Name

Property

▼ msg. payload

Template

Syntax Highlight: 

mustache ▼

1

I got your message: `{{payload}}` !

- http response node

**Edit http response node**

Delete Cancel Done

⚙️ **Properties** ⚙️ 📄 🔄

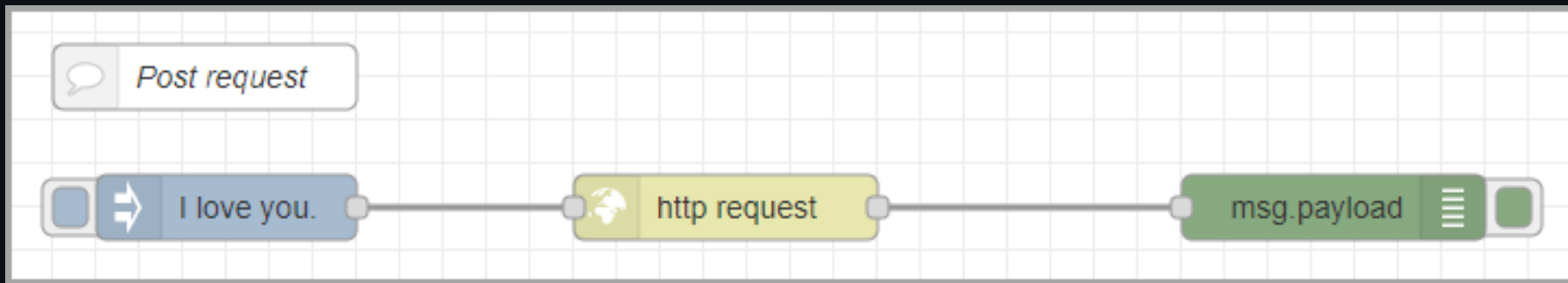
🏷️ Name Reply

← Status code msg.statusCode

☰ Headers

**Send POST request from node-red**

- Create a **post** request
  - Flow





- inject node

The screenshot shows a dialog box titled "Edit inject node". At the top, there are three buttons: "Delete", "Cancel", and "Done". Below these is a section labeled "Properties" with a gear icon and three sub-icons (a gear, a document, and a screen). Under "Properties", there is a "Name" field with a lock icon and the text "Name". Below this is a list of three properties, each with a menu icon on the left, a key-value pair, and a delete icon on the right:

- msg. payload = a\_z I love you.
- msg. topic = a\_z
- msg. url = a\_z http://localhost:1880/post1

- Note: If there is a connection error, use `http://127.0.0.1:1880/post1`
  - What?

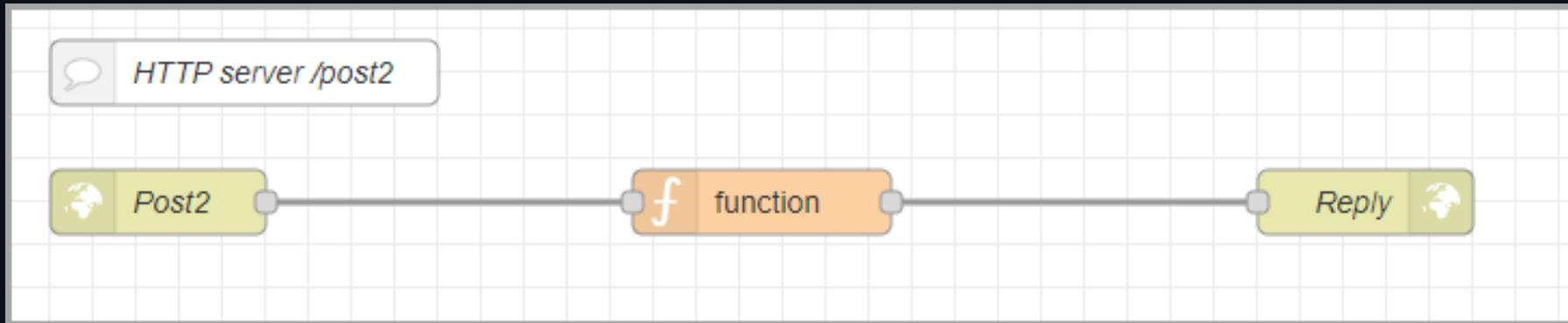
**Send POST request from another program**

# Software

- Postman Desktop
- Chrome
  - Advanced REST Client
- Firefox
  - RESTClient

# Serving dynamic content

- Create another url that response with dynamic content.
  - Flow



- `http in node`
  - `url = post2`

- **function node**



(code on the next page)

```
const message = msg.payload;
const date = new Date();
const time = date.toLocaleTimeString();

msg.payload = `I got your message "${message}" at ${time} !`;
return msg;
```

- Try send in a post message to `.../post2`.
- Also try sending a post message to your friend's public address.