

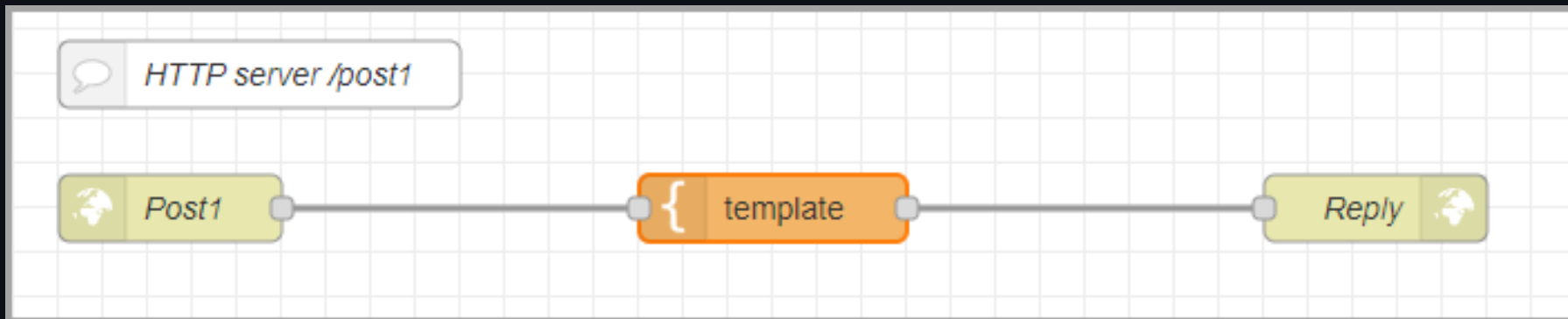
Production Supporting Systems in Factories

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". Below these 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 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

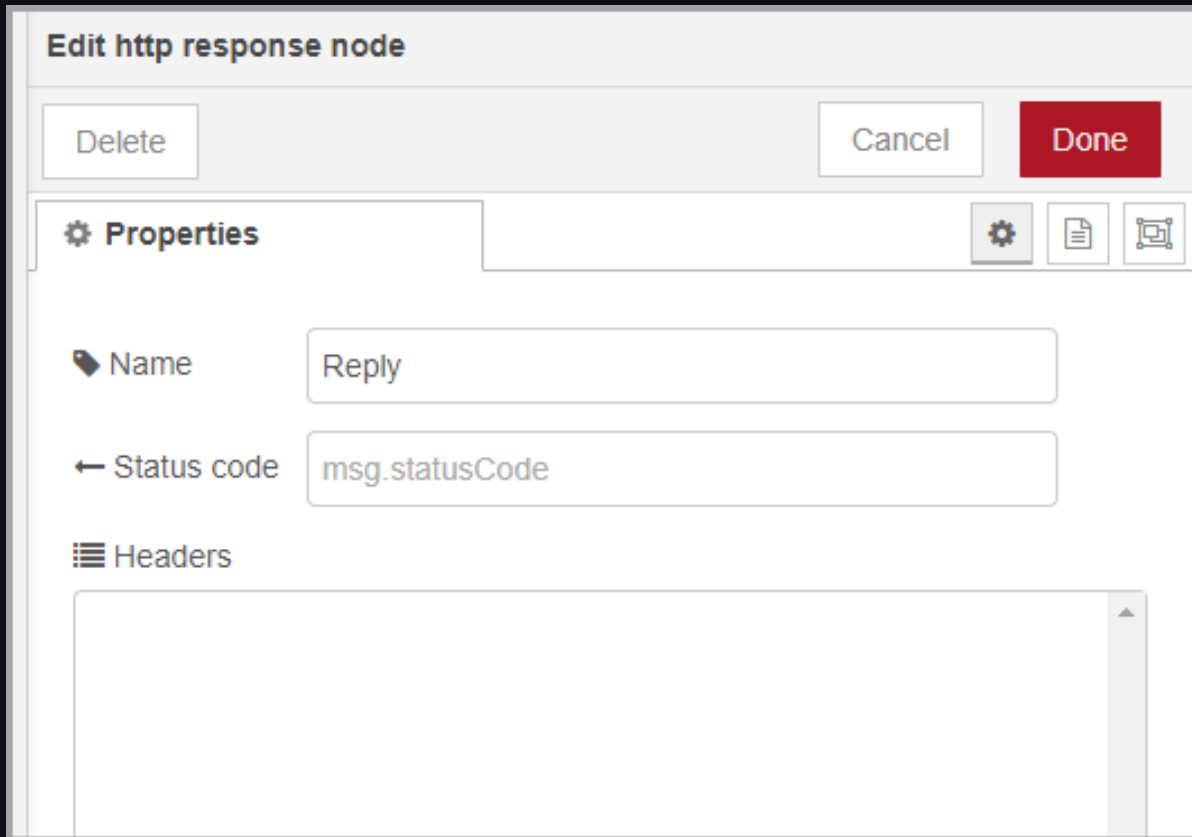
Delete Cancel Done

Properties

Name Reply

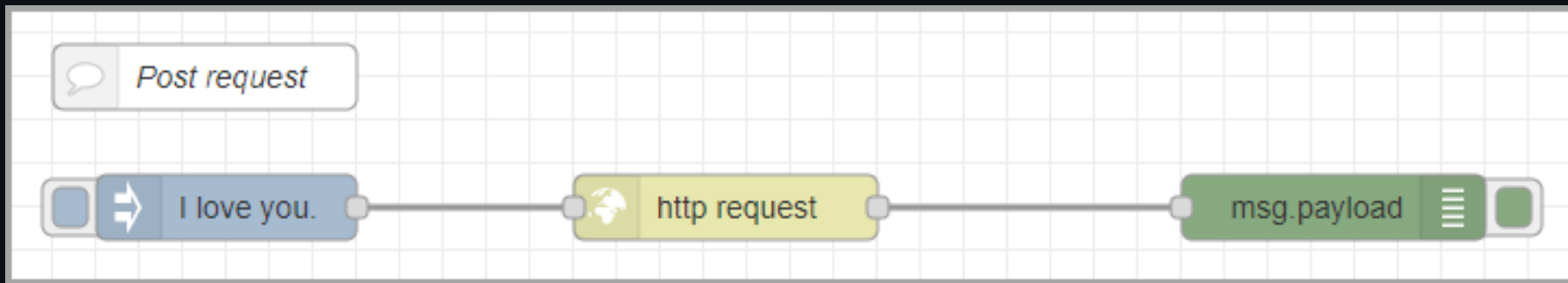
Status code msg.statusCode

Headers



Send POST request from node-red

- Create a **post** request
 - Flow



- inject node

Edit inject node

Delete Cancel Done

⚙ Properties

📁 Name Name

≡ 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?

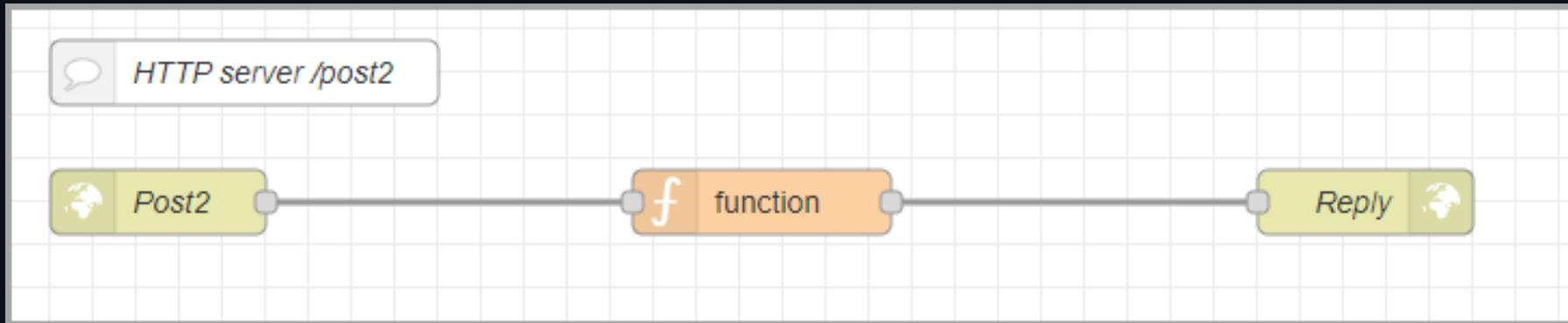
Send POST request from another program

Software

- Postman Desktop
- Chrome
 - Talent API Tester
- Firefox
 - RESTClient

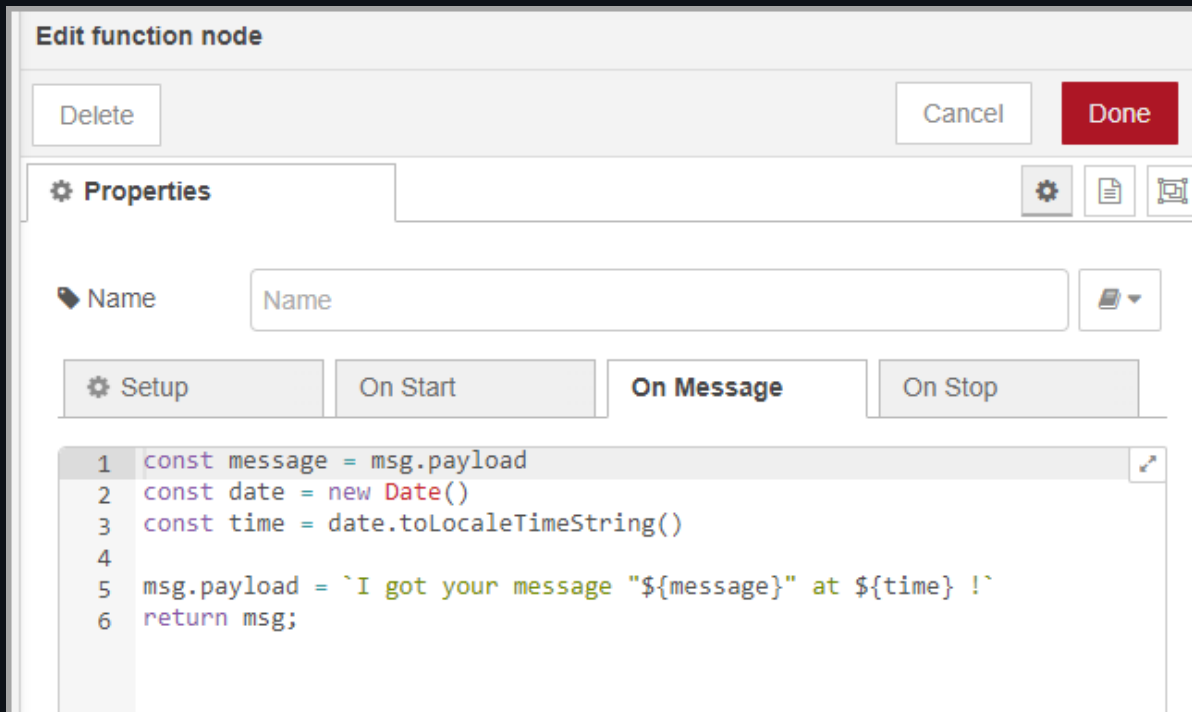
Serving dynamic content

- 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 you can use `ngrok` to create a public url and send POST request across the internet.