

# **Production Supporting Systems in Factories**

**ระบบสนับสนุนการผลิตในโรงงานอุตสาหกรรม**

# Telegram Notify

# Telegram message sender

# Preparation

You need

```
TOKEN=...  
URL_NOTIFY=...  
URL_GETUPDATES=...  
CHAT_ID=...
```

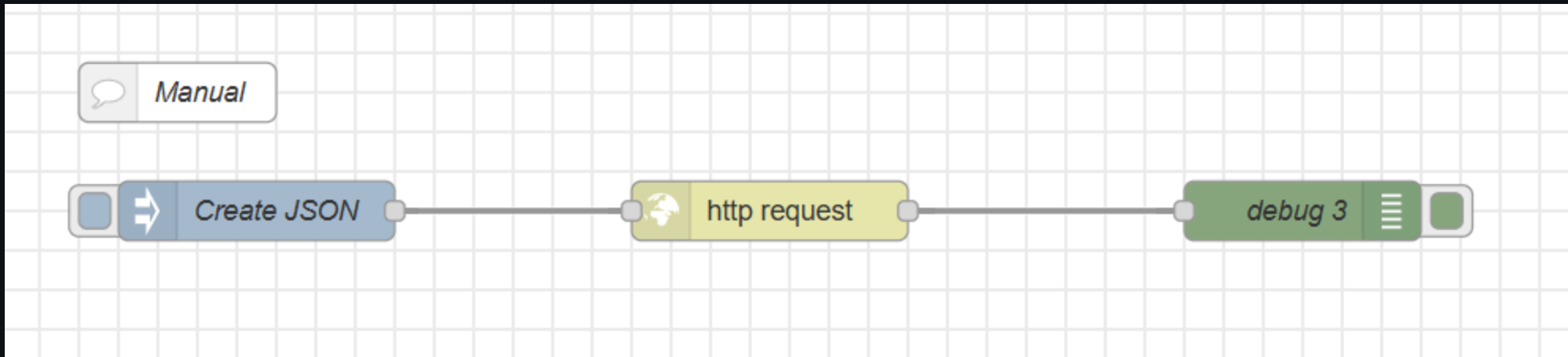
## Steps (1/2)

- Sign up for telegram.
- Talk to @BotFather
  - Type /newbot to get TOKEN
- Construct URL\_NOTIFY
  - From <https://api.telegram.org/bot{TOKEN}/sendMessage>

## Steps (2/2)

- Talk to the bot.
- Construct `URL_GETUPDATES`
  - From `https://api.telegram.org/bot{TOKEN}/getUpdates`
- Get `CHAT_ID` by visiting `URL_GETUPDATES`

# Flow: manual



# Inject node

- payload type json

```
{  
  "chat_id": "6094132297",  
  "text": "Hi"  
}
```

- url = URL\_NOTIFY

Edit inject node

Delete Cancel Done

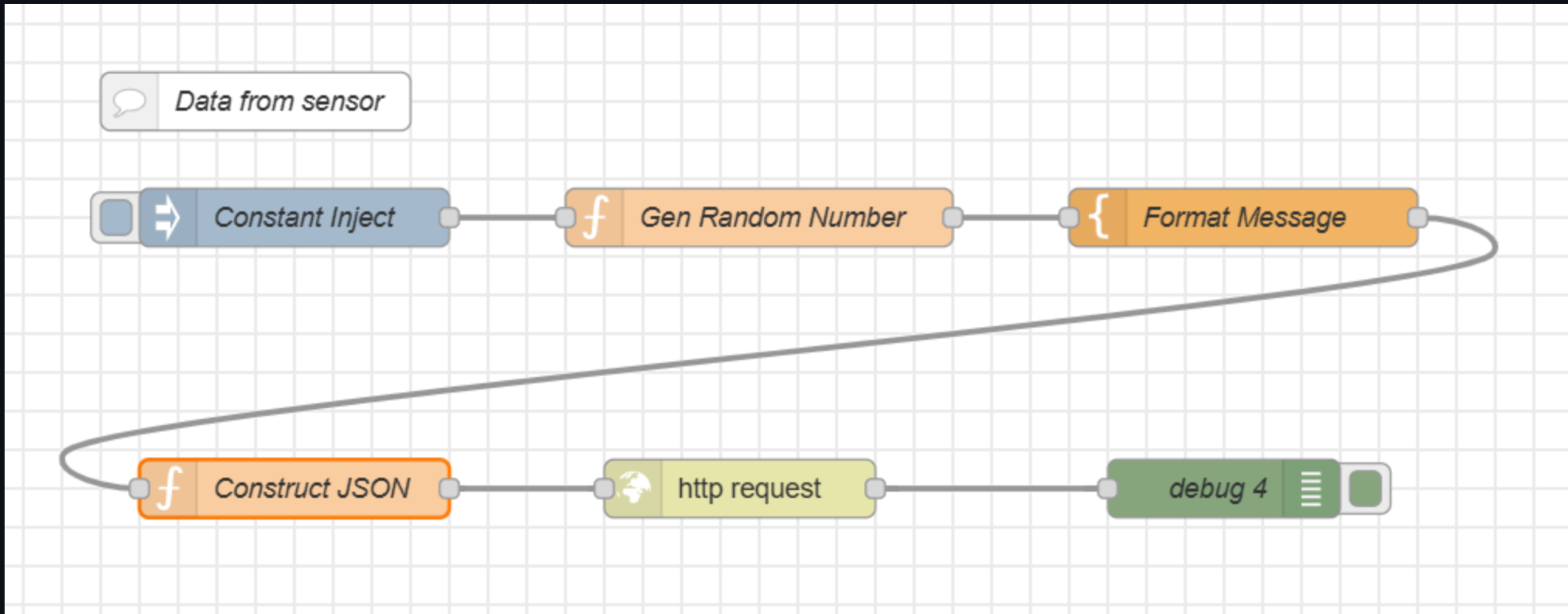
⚙ Properties

🔑 Name Create JSON

msg. payload	=	{ {"chat_id": "6094132297", "text": "Hi"}	...	×
msg. url	=	https://api.telegram.org/bot7259382710:AA		×



# More realistic flow



# Get random number

- This mimics the value from a sensor.

```
msg.payload = Math.random();  
return msg;
```

## Construct JSON node

```
// Input your info here
const TOKEN = "...";
const CHAT_ID = "...";

// Store incoming message
const value = msg.payload;

// Construct "JSON"
msg.payload = {
  chat_id: CHAT_ID,
  text: value,
};
msg.url = `https://api.telegram.org/bot${TOKEN}/sendMessage`;
return msg;
```