

# Use Case for Media

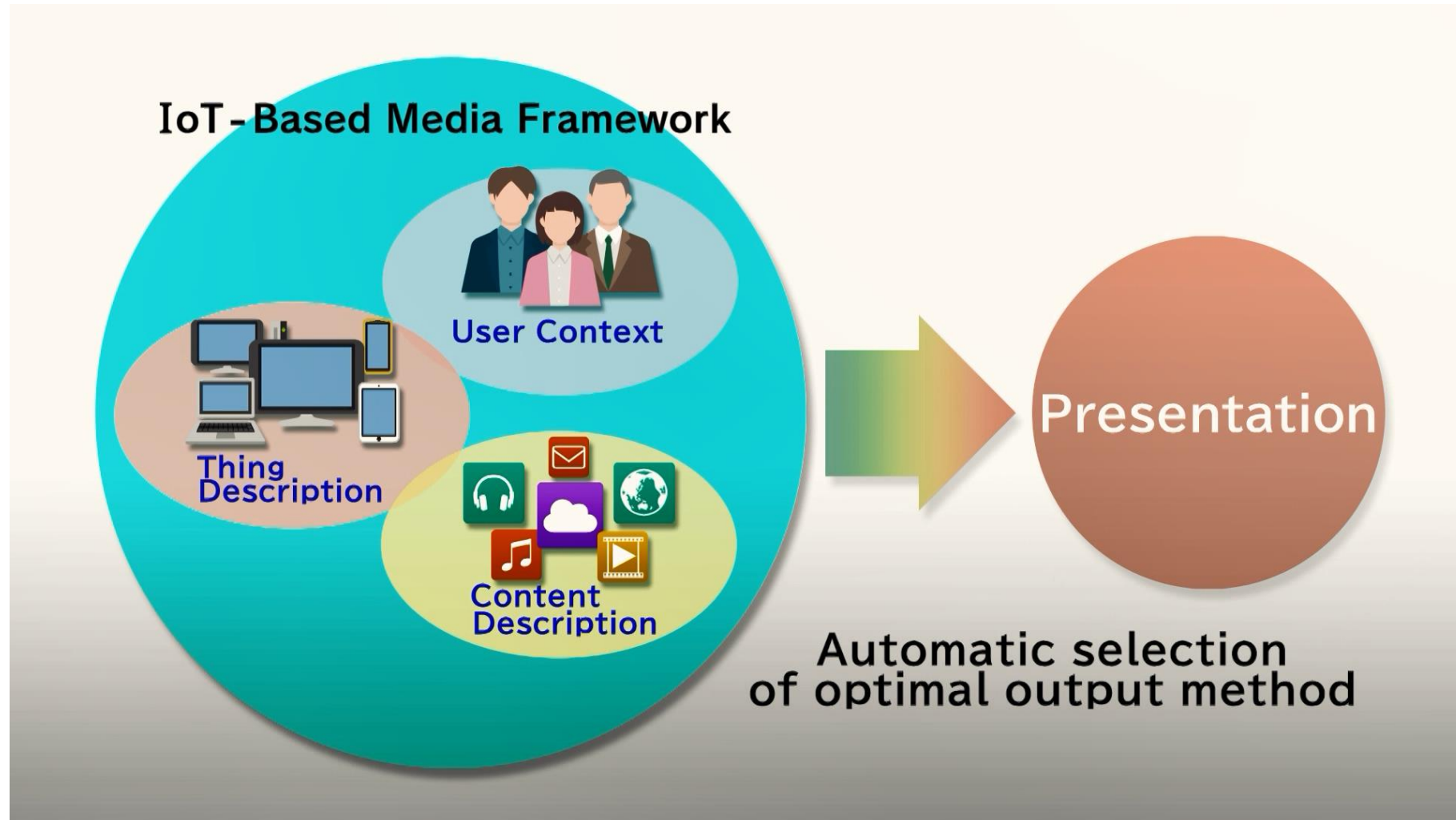
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Oct 7, 2020

# Outline

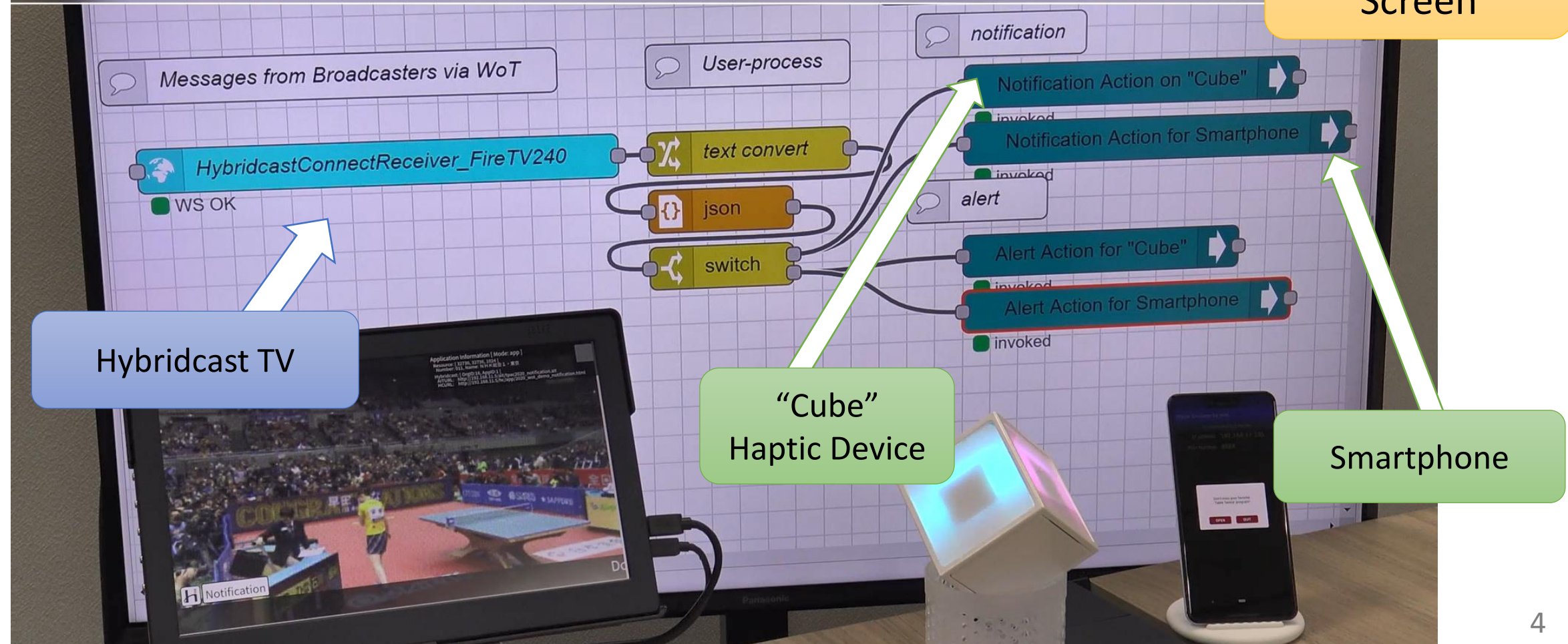
- Demo Video for Media Use Case
- Configuration of Demo System
- Open Source Software Tools
- Examples of Mashup Services

# Demo Video for Media Use Case



# Configuration of the Demo System

## "Notification" from TV

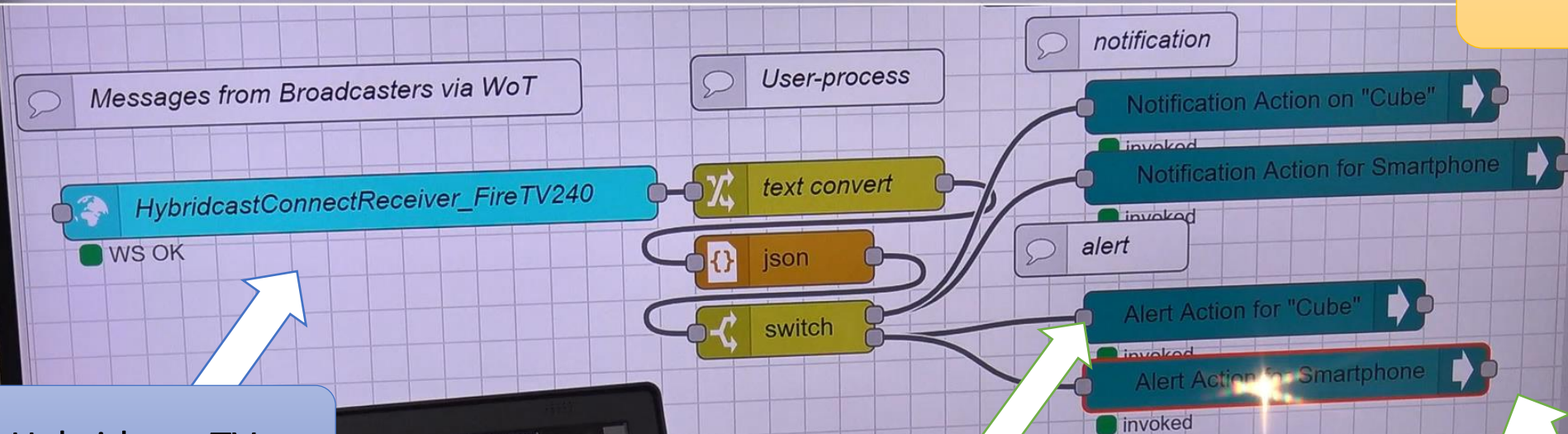




# Configuration of the Demo System

## "Alert" from TV

Node-RED  
Screen



Hybridcast TV

"Cube"  
Haptic Device

Smartphone

# Open Source Software Tools

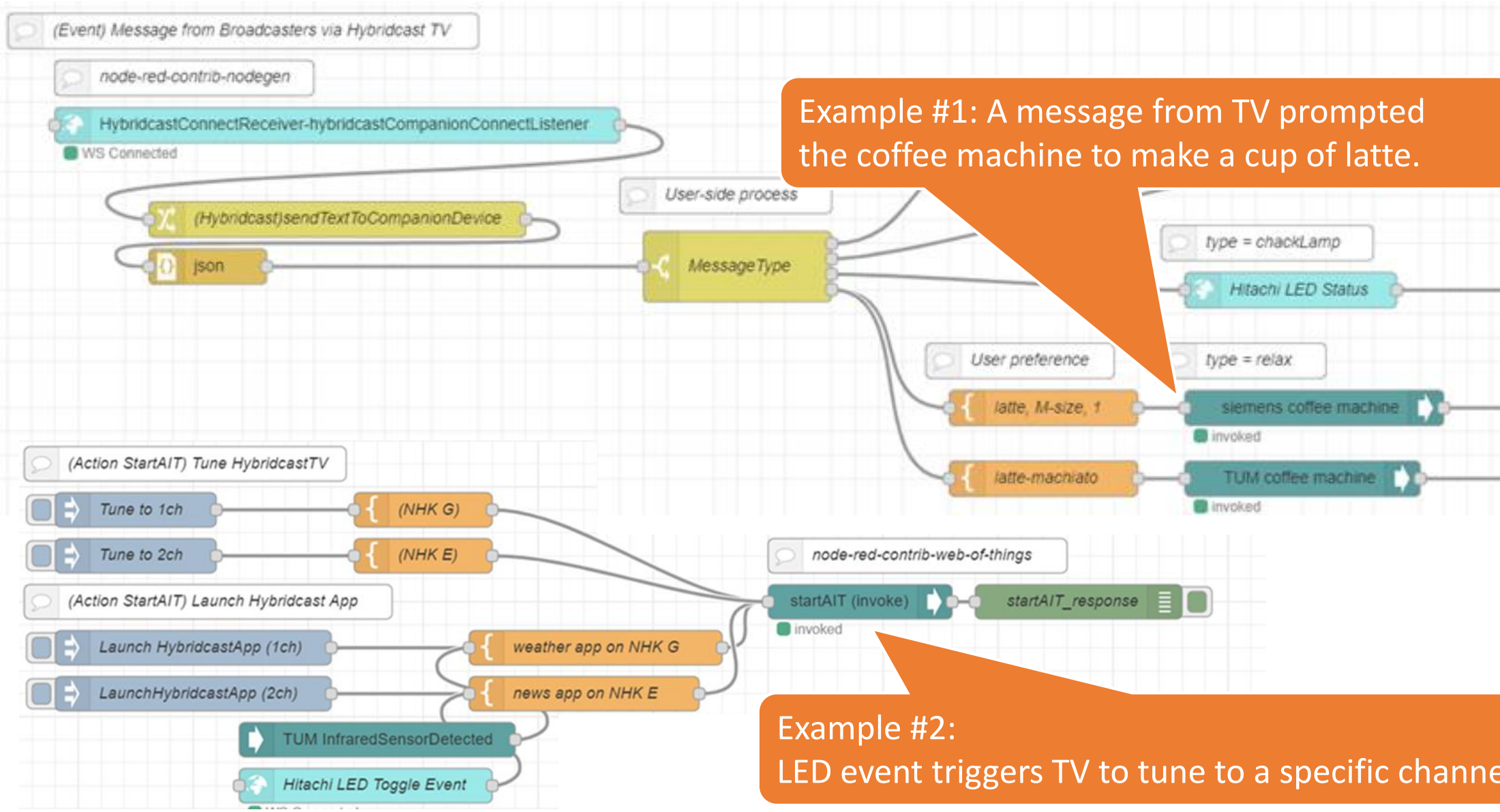
- Hybridcast\* TV emulator
  - <https://github.com/nhkrd/antwapp4hc>
  - Hybridcast-Connect APIs are implemented
- Related Works
  - hyconet.js
    - JavaScript implementation of standardized Hybridcast-Connect API
    - <https://github.com/nhkrd/hyconet.js>
  - node-red-contrib-hyconet
    - Node-RED extra node plugin for hyconet.js (Hybridcast-Connect JavaScript SDK)
    - <https://github.com/nhkrd/node-red-contrib-hyconet>



\*Hybricast is the integrated broadcast and broadband system in Japan

# Sept. 2020 Online plugfest (NHK part)

<https://github.com/w3c/wot-testing/tree/master/events/2020.09.Online/TDs/NHK>



Example #1: A message from TV prompted the coffee machine to make a cup of latte.

Example #2:  
LED event triggers TV to tune to a specific channel