

Dagstuhl Hackathon 17

# **Implementation of CoRE Resource Directory**

(draft-ietf-core-resource-directory-11)

Pekka and Hauke

Final Presentation, July 28

# What we set out to do:

- Implement a CoRE RD using *node.js*
- Integrate the RD in *Node-RED*
- Implement RD client in RIOT
- Annotate nodes using *WoT Thing Descriptions*
- Implement automated export of SAUL devices in RIOT

# What we set out to do:

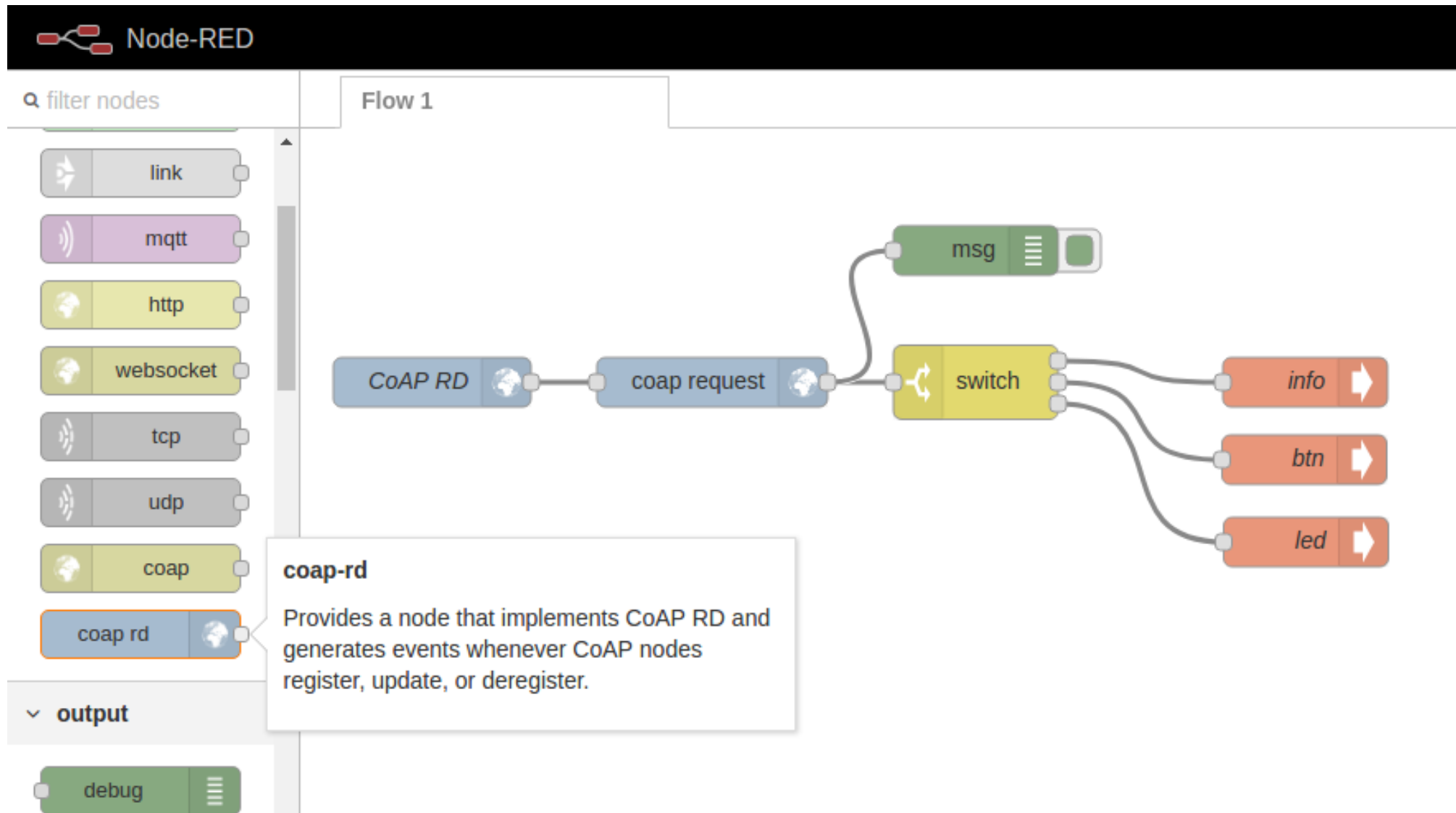
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# And on the way...

- Fixed handling of link-local IPv6 addresses in *node.js* → fixed and PRed
- Extended *gcoap*: handling of *Location-Path* and *Uri-Query* options, generic option parsing on incoming packets, ... → 7 Open PRs so far
- Prepared a list with review comments to the CoRE working group


Demo time...


# Node-RED setup:




# Freeboard output:







freeboard


 LOAD FREEBOARD


 SAVE FREEBOARD




 ADD PANE

DATASOURCES

Name	Last Updated		
led	9:10:59 AM		
info	9:10:47 AM		
btn	9:10:58 AM		
ADD			













Node Info

RIOT-BB8A06DA44407679



Button

1



LED

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