



wlanSlovenija

open wireless network of Slovenia
odprto brezžično omrežje Slovenije

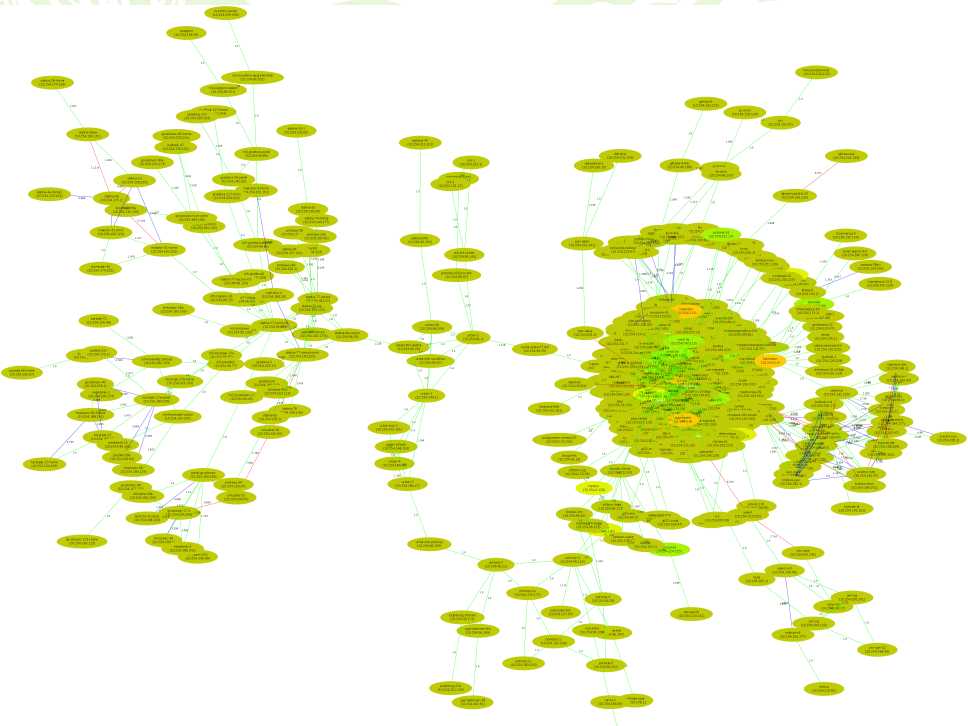
nodewatcher

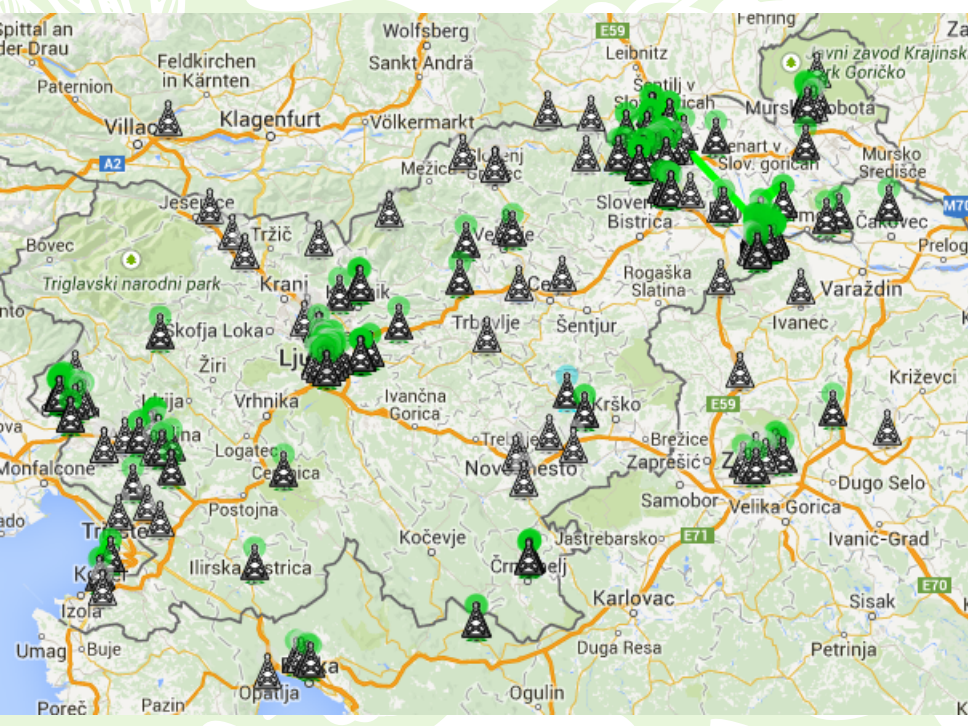
Jernej Kos, Mitar Milutinović

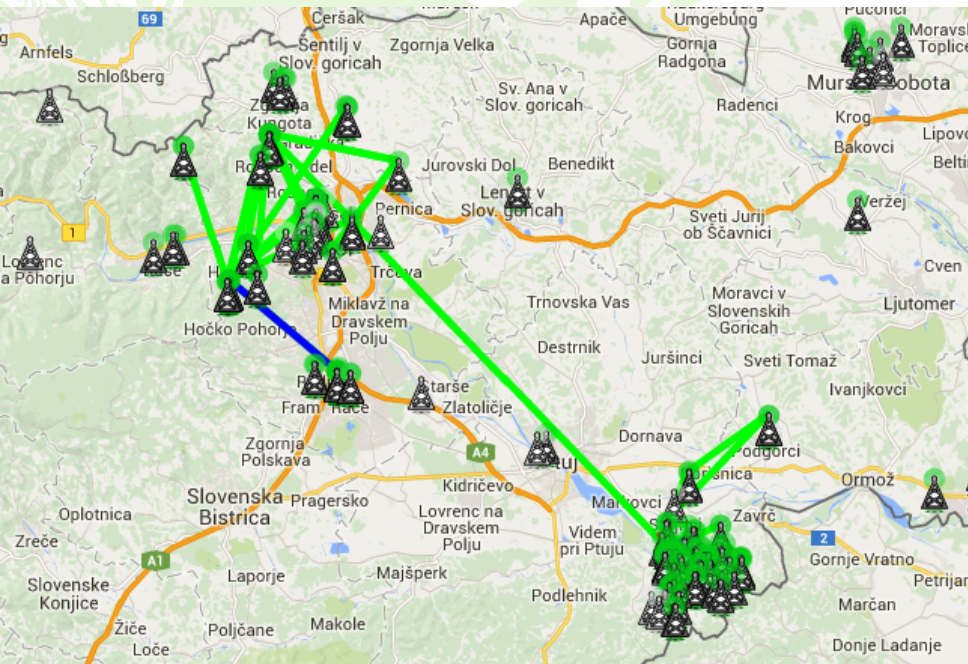
7. 8. 2015

wlan slovenija – open wireless network of Slovenia
<https://wlan-si.net>

<https://grow.wlan-si.net>
<https://dev.wlan-si.net>



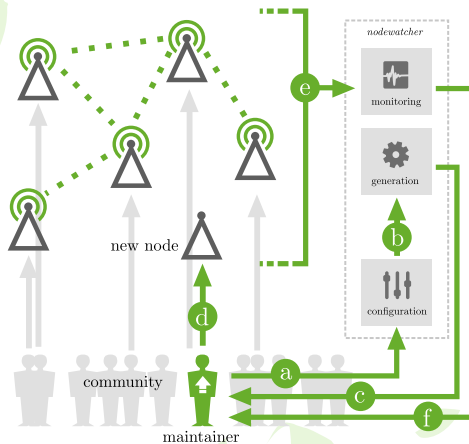




Network management.

nodewatcher

Modular platform for management of
big (wireless) mesh networks.



Cycle of node management.

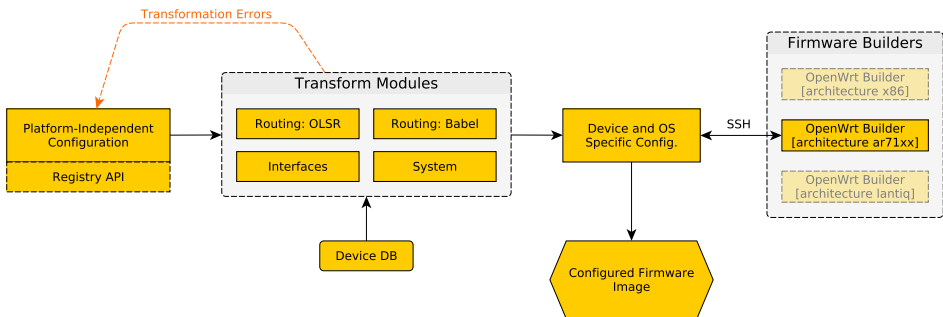
Configuration.

Platform independent.

Firmware.

Configuration transformation.

Generator.



Monitoring.

Data.

Configuration matching.

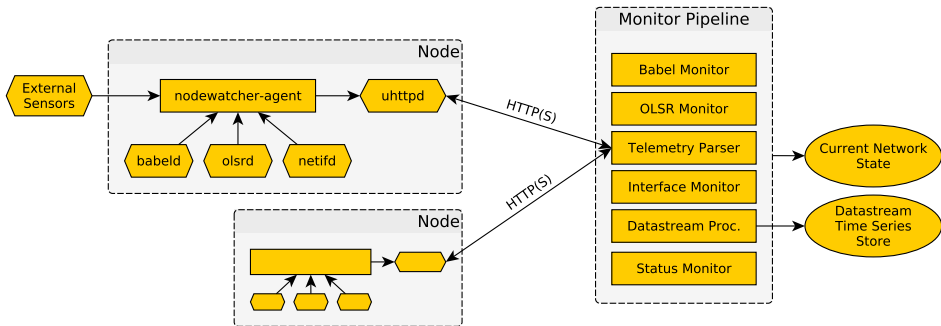
Automatic detection of errors in the network.

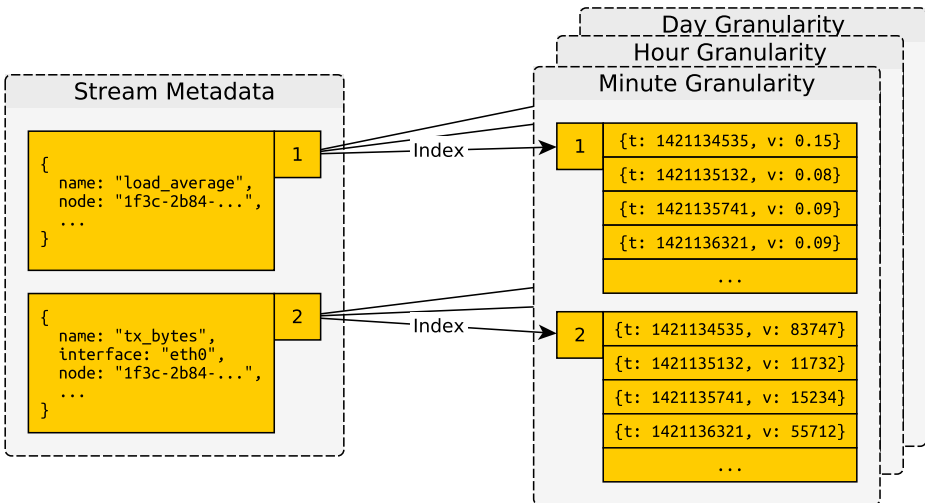
Data gathering.

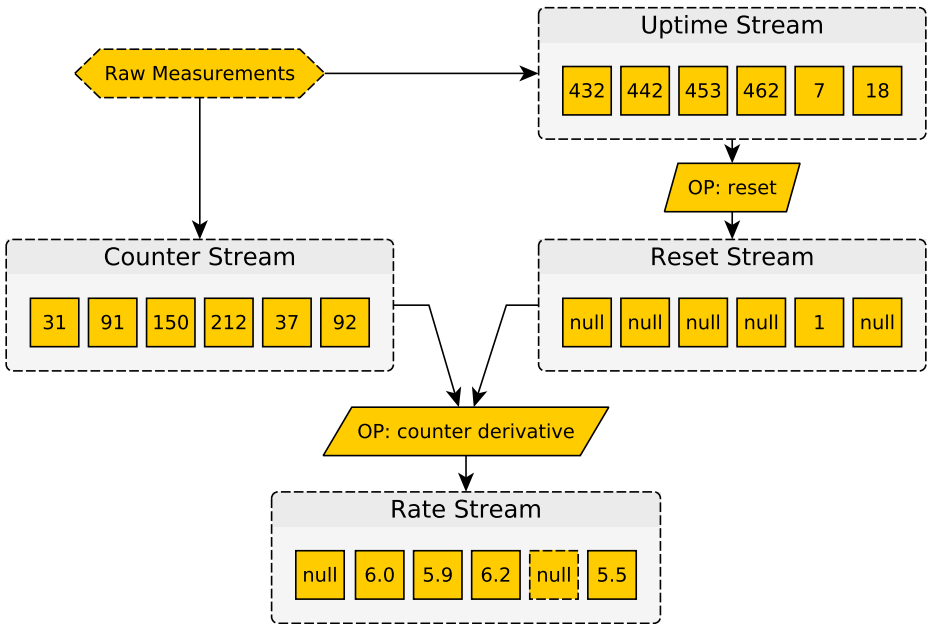
nodewatcher-agent,
SNMP,

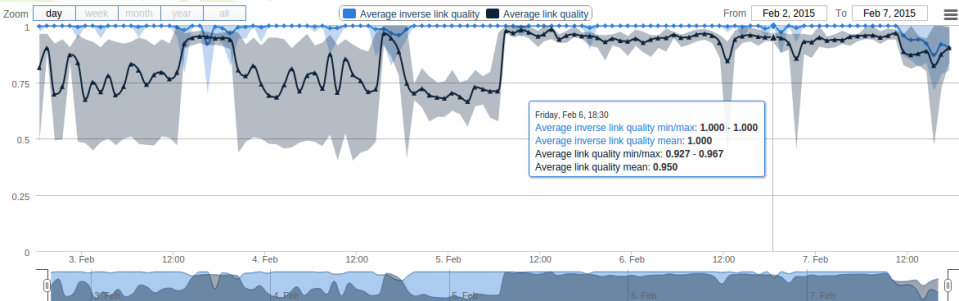
...

Modular as well.









Not all only wirelessly.

Tunneldigger

...why not OpenVPN?

L2TPv3 broker and client.

Tunneldigger. Layer 2 pseudo-wire.

Context switch, copying.
L2TPv3 support in Linux kernel.

NAT, PMTU, ...



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nodewatcher

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