OLSRd v1

2012 & What's Next

About Me

- Ferry Huberts
- Self-Employed Open Source Entrepreneur

- Lead Committer for OLSRd v1

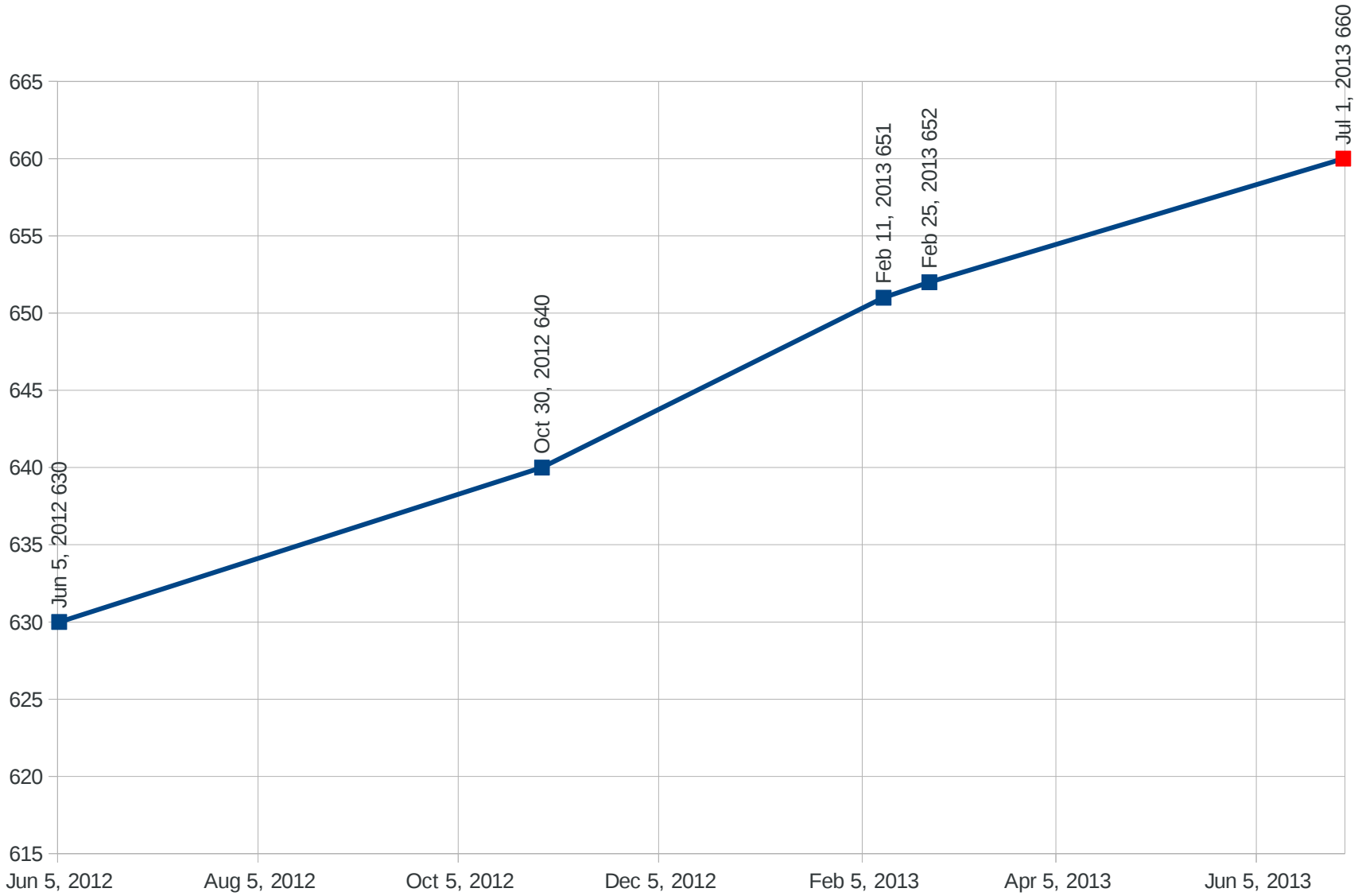
- Committer in several other projects
  - Mainly OSGi projects

What Happened in 2012

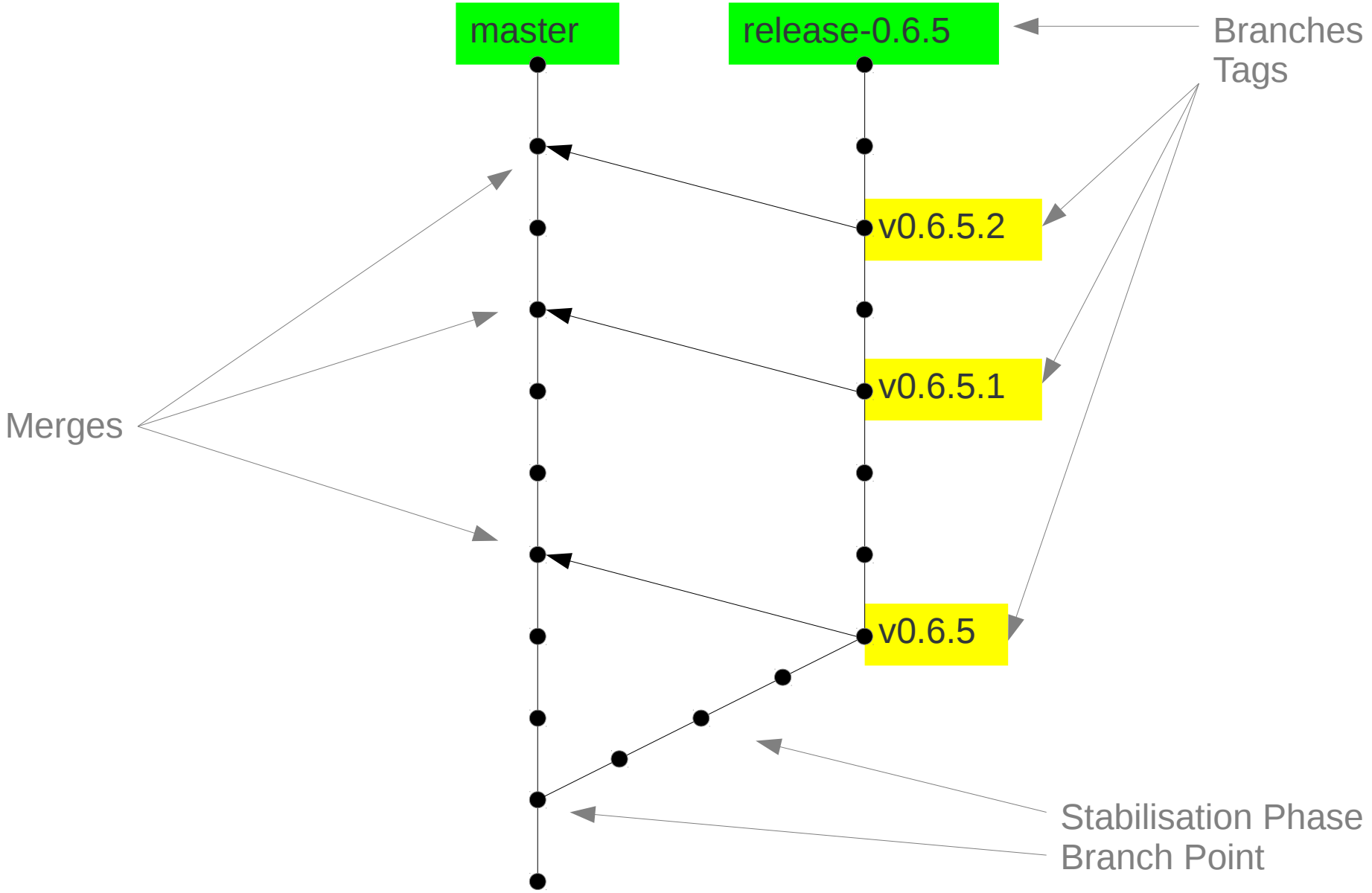
What Happened

Releases

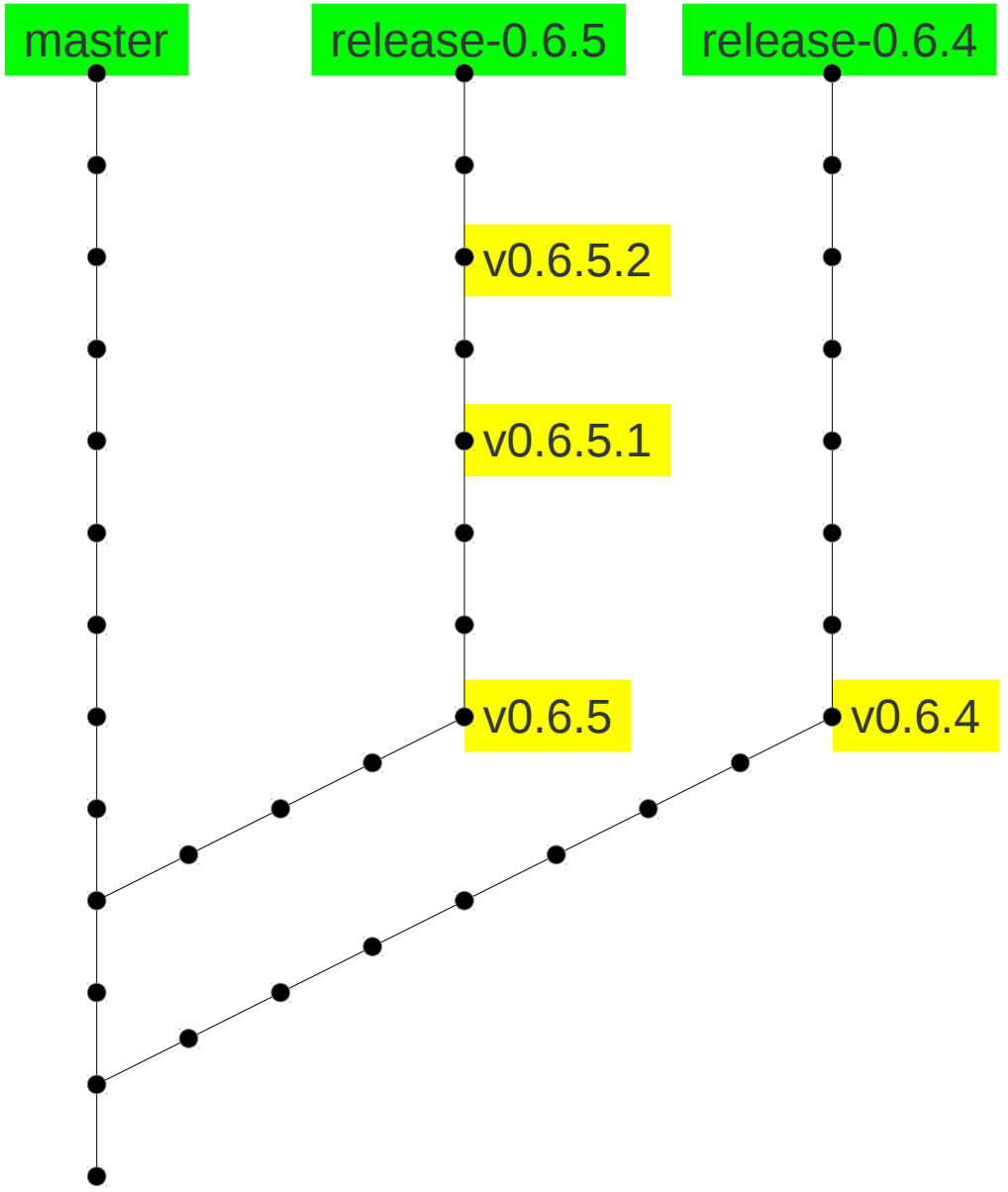
Releases


665
660
655
650
645
640
635
630
625
620
615
Jun 5, 2012
Aug 5, 2012
Oct 5, 2012
Dec 5, 2012
Feb 5, 2013
Apr 5, 2013
Jun 5, 2013
Jun 5, 2012 630
Oct 30, 2012 640
Feb 11, 2013 651
Feb 25, 2013 652
Jul 1, 2013 660

Release Model



Releases



What Happened

Jenkins

Jenkins

All | **OLSRd v1** | OLSRd v2 | OSGi | reposerf | +

S	W	Name ↓	Last Success	Last Failure	Last Duration	Line Coverage	Number of builds
		nmealib - master - linux32	23 days (#13 - master - d815bdb)	N/A	12 sec		12 0 0
		nmealib - master - linux64	23 days (#19 - master - d815bdb)	N/A	13 sec		19 0 0
		olsrd - master - android	1 day 22 hr (#167 - master - f5f18a0)	1 mo 14 days (#146 - master - d19b7f8)	3 min 12 sec		24 0 1
		olsrd - master - linux32	1 day 22 hr (#35 - master - f5f18a0)	N/A	3 min 19 sec		25 0 0
		olsrd - master - linux64	1 day 22 hr (#189 - master - f5f18a0)	N/A	3 min 2 sec		25 0 0
		olsrd - master - linux64 - coverity	1 day 22 hr (#113 - master - f5f18a0)	N/A	3 min 31 sec		25 0 0
		olsrd - master - win32	1 day 22 hr (#171 - master - f5f18a0)	N/A	3 min 20 sec		25 0 0
		olsrd - master - win64	1 day 22 hr (#73 - master - f5f18a0)	N/A	3 min 8 sec		25 0 0
		olsrd - release - android	1 day 22 hr (#42 - release-0.6.5 - 4379998)	N/A	3 min 13 sec		25 0 0
		olsrd - release - linux32	1 day 22 hr (#6 - release-0.6.5 - 4379998)	N/A	2 min 53 sec		6 0 0
		olsrd - release - linux64	1 day 22 hr (#41 - release-0.6.5 - 4379998)	N/A	3 min 8 sec		25 0 0
		olsrd - release - win32	1 day 22 hr (#43 - release-0.6.5 - 4379998)	2 mo 3 days (#27 - release-0.6.5 - 04d7875)	3 min 1 sec		24 0 1
		olsrd - release - win64	1 day 22 hr (#25 - release-0.6.5 - 4379998)	2 mo 3 days (#9 - release-0.6.5 - 04d7875)	3 min 27 sec		24 0 1
		pudUplinkServer - master - linux32	1 day 22 hr (#39 - master - 6b58778)	N/A	52 sec		25 0 0
		pudUplinkServer - master - linux64	1 day 22 hr (#73 - master - 6b58778)	N/A	46 sec		25 0 0

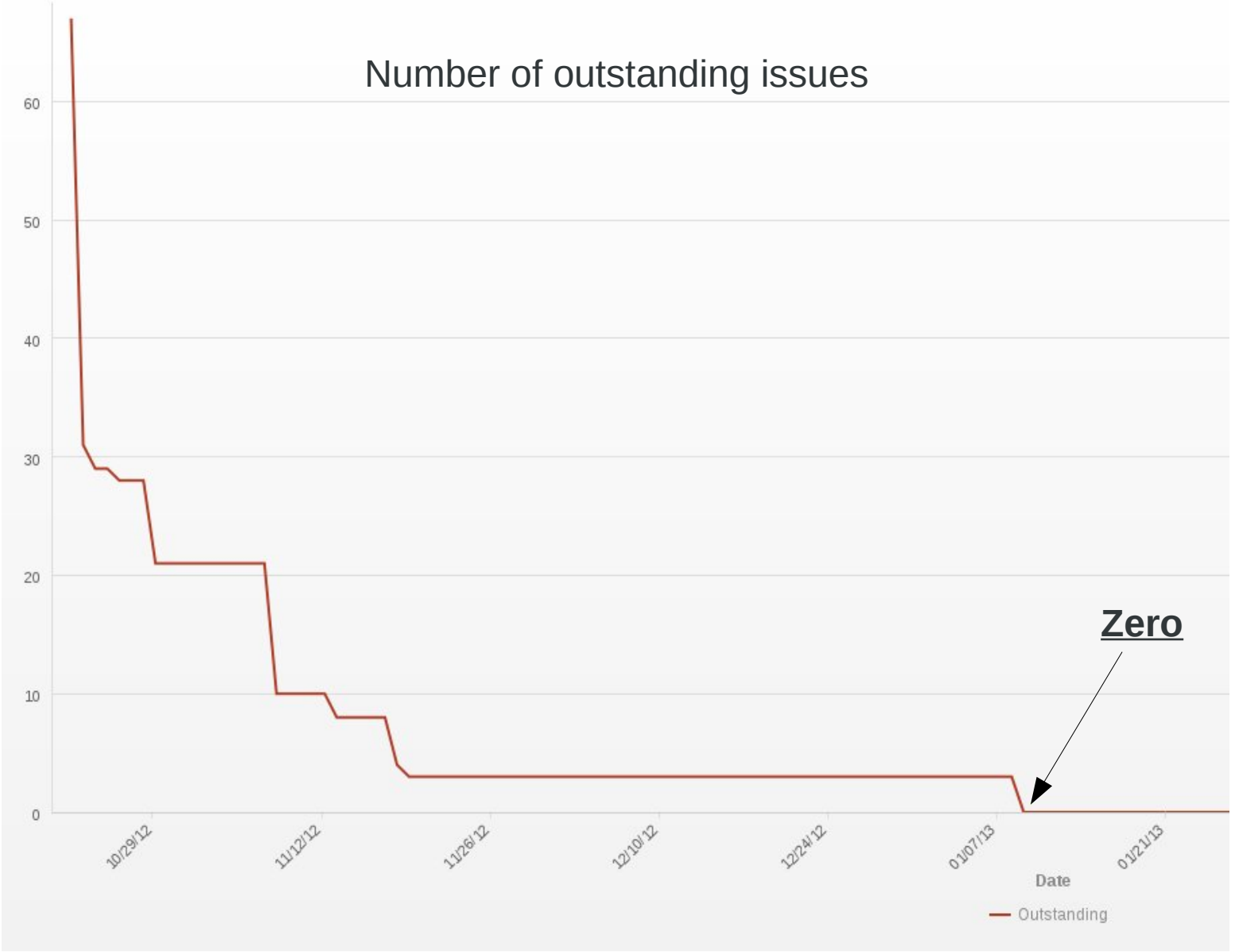
Jenkins & Debian

- Debian (Squeeze) Sucks
  - Software is **OLD**
  - Multi-Arch doesn't work
- Use a Fedora machine

What Happened

Coverity

Coverity

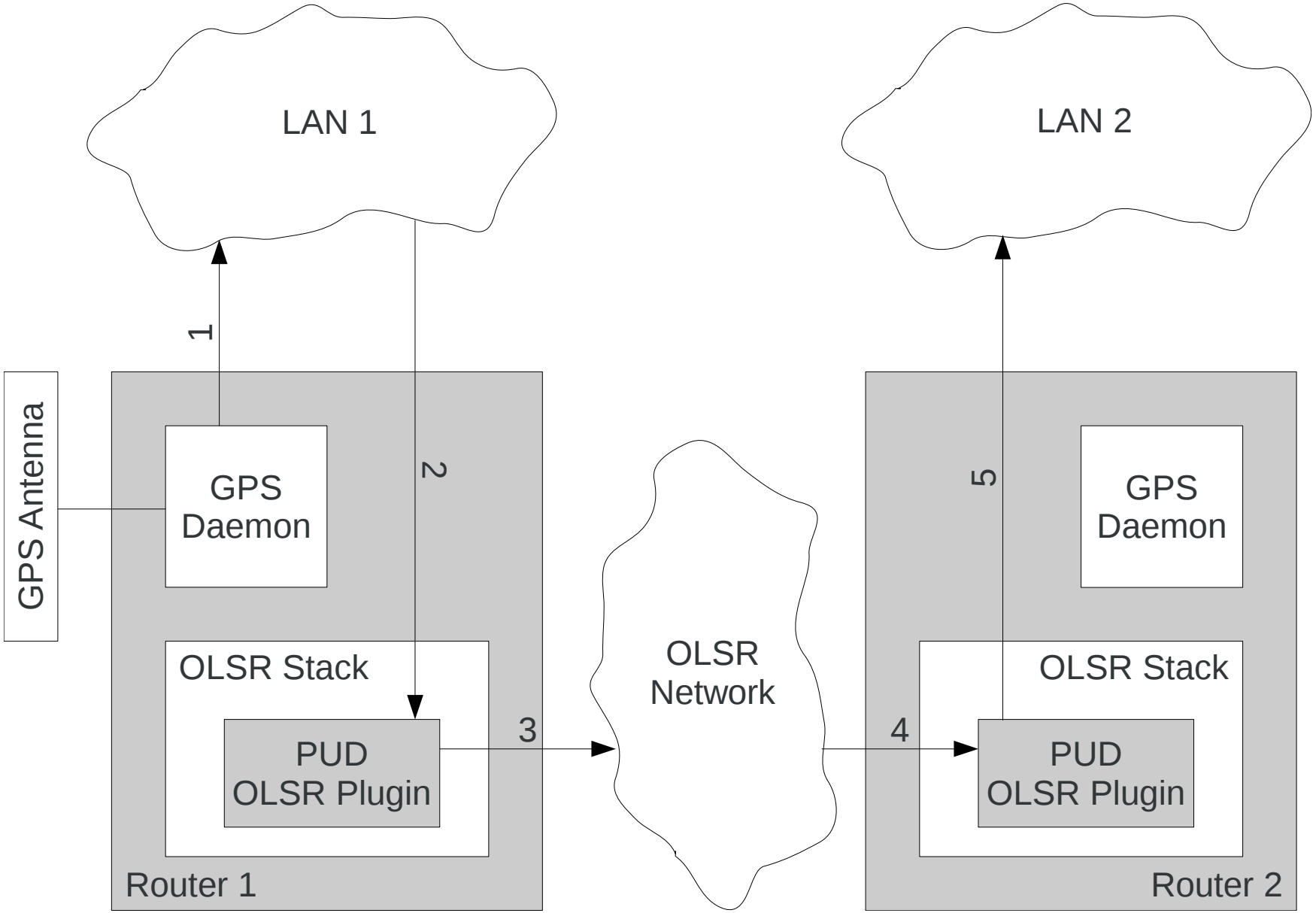

Number of outstanding issues
60
50
40
30
20
10
0
10/29/12
11/12/12
11/26/12
12/10/12
12/24/12
01/07/13
01/21/13
Date
Outstanding
Zero

What Happened

PUD

Position Update Distribution

PUD


LAN 1
LAN 2
1
2
3
4
5
GPS Antenna
GPS Daemon
GPS Daemon
OLSR Stack
OLSR Stack
PUD OLSR Plugin
PUD OLSR Plugin
OLSR Network
Router 1
Router 2

PUD

Configuration | Routes | Links/Topology | **Position** | All | About

Position

Parameter	Unit	Value
Name		AHR-175-188
Date / Time	UTC	20130311 13:45:54.00
Input Sentences		GPGGA GPGSA GPGSV GPRMC GPVTG
Signal Strength		Fix (1)
Fix		3D (3)
PDOP		7.850000
HDOP		4.970000
VDOP		6.080000
Latitude	degrees	52.118329
Longitude	degrees	5.043682
Elevation	m	39.660000
Speed	kph	0.053200
Track	degrees	N.A.
Magnetic Track	degrees	N.A.
Magnetic Variation	degrees	N.A.

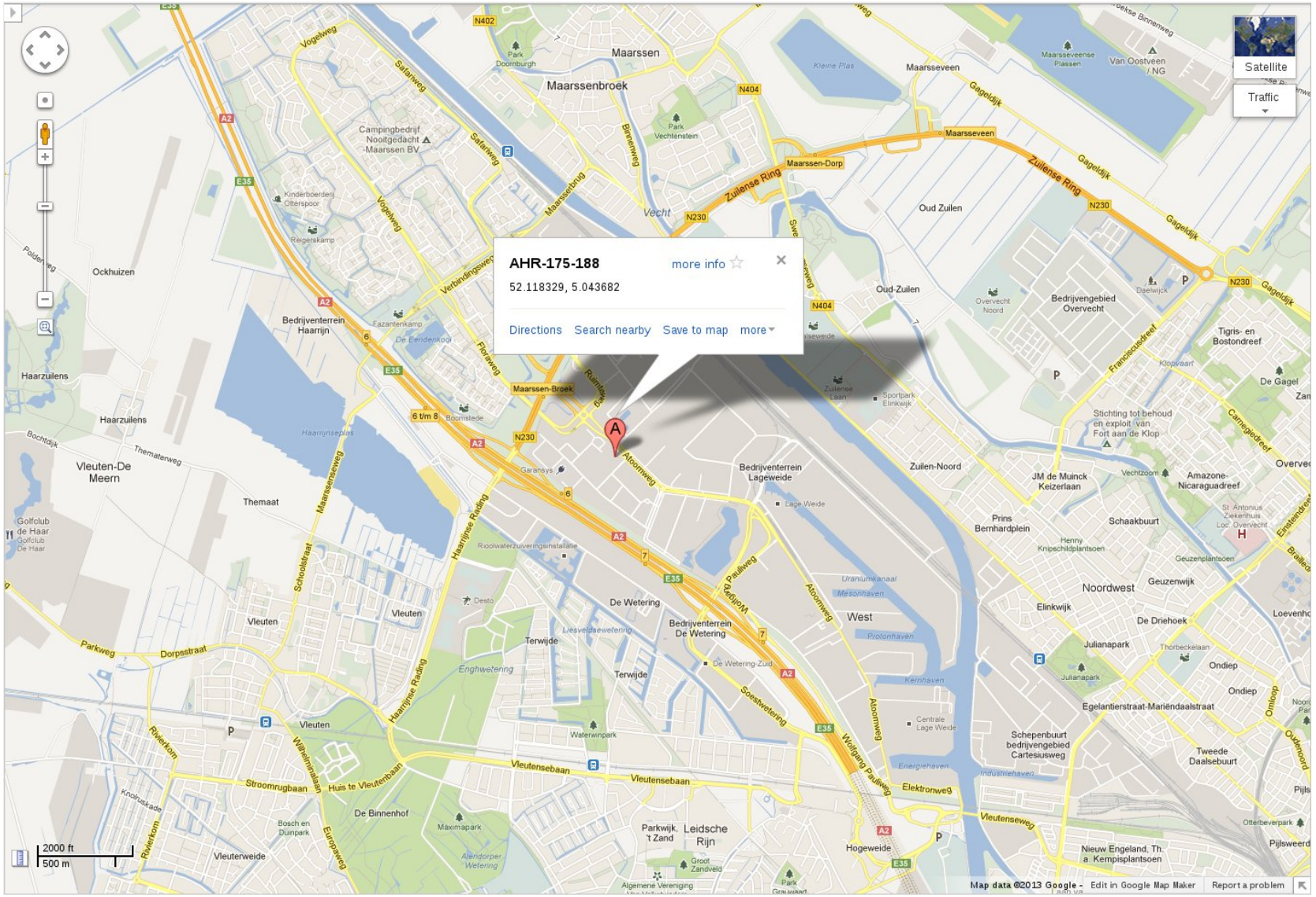
Satellite Infomation:

ID	In Use	Elevation (degrees)	Azimuth (degrees)	Signal (dB)
05	yes	24	192	41
07	no	01	071	06
08	yes	28	066	29
09	no	87	328	00
15	yes	57	291	25
17	yes	05	128	40
18	yes	15	320	25
19	no	04	013	27
21	yes	07	294	25
24	no	21	254	08
26	yes	76	123	32
28	yes	56	083	37
33	no	27	205	00
37	no	28	159	00
39	no	28	155	00

Show on Google Maps

Show on OpenStreetMap

PUD

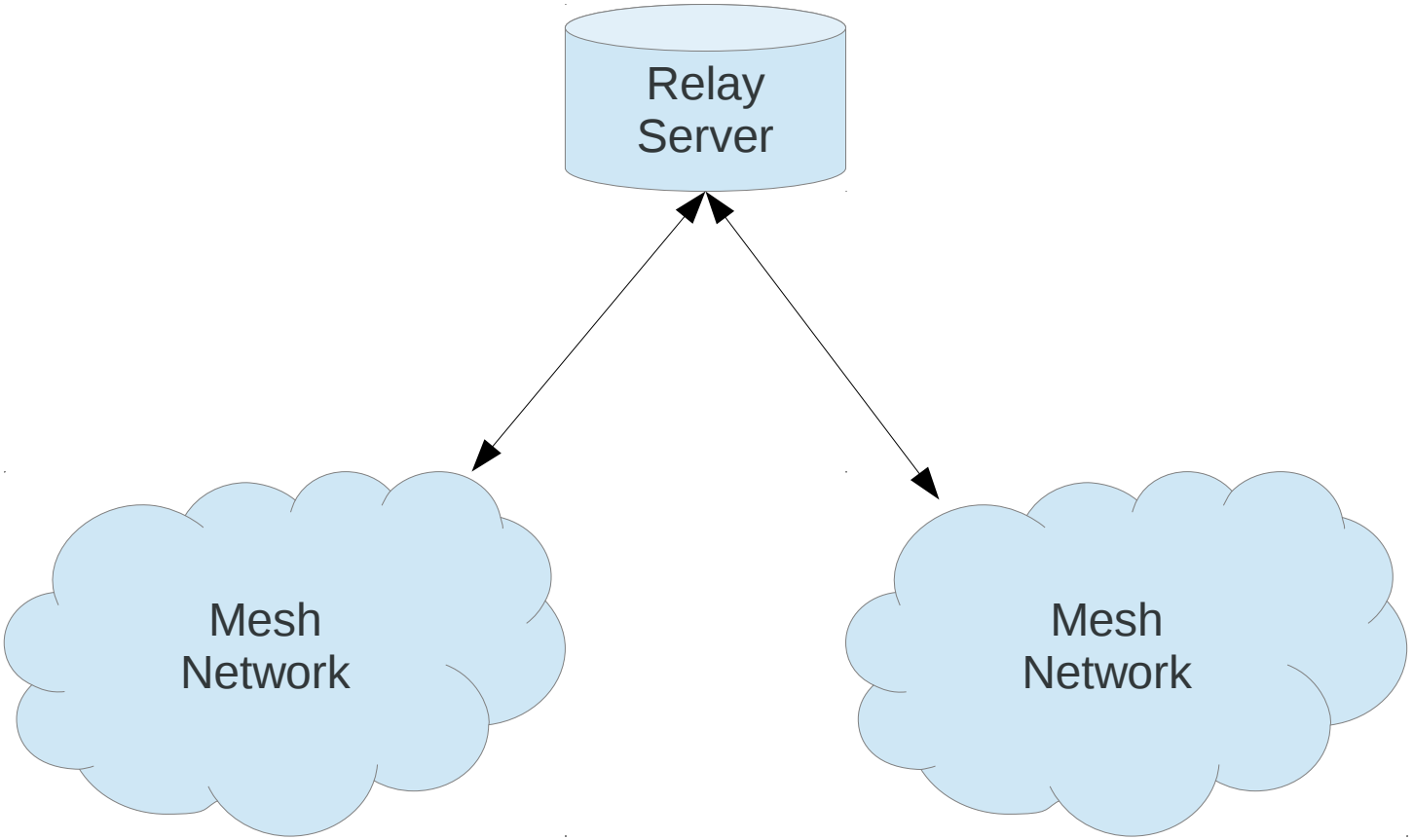

AHR-175-188
more info
52.118329, 5.043682
Directions
Search nearby
Save to map
more
Satellite
Traffic
Maarssen
Maarssenbroek
Maarsseveen
Oud Zuilen
Oud-Zuilen
Zuilense Ring
Maarssen-Dorp
Maarssen-Broek
Ockhuizen
Haarzuilens
Vleuten-De Meern
Themaat
Vleuten
Bedrijventerrein Haarrijn
Bedrijventerrein Lageweide
Bedrijventerrein De Wetering
De Wetering
Terwijde
Zuilen-Noord
Noordwest
West
Elinkwijk
Schaakbuurt
Prins Bernhardplein
Bedrijvengebied Overvecht
Tigris- en Bostondreef
De Gagel
Amazone-Nicaraguadreef
Julianapark
Ondiep
Egelantierstraat-Mariëndaalstraat
Schepenbuurt bedrijvengebied Cartesiusweg
Tweede Daalsebuurt
Leidsche Rijn
Hogeweide
Vleuterweide
De Binnenhof
Vleutensebaan
Stroomrugbaan
Huis te Vleutenbaan
Parkweg
Dorpsstraat
Schoolstraat
Haarrijnse Rading
Atoomweg
Wolfgang Pauliweg
Soestwetering
Elektronweg
Vleutenseweg
Gageldijk
Francisciusdreef
Carnegiedreef
Vogelweg
Safariweg
Binnenweg
Maarsserbrug
Verbindingsweg
Floraweg
Ruimtelweg
Maarssenseweg
Schoolstraat
Rivierkom
Europaweg
Wilhelminalaan
Enghwetering
Liesveldsewetering
Uraniumkanaal
Mesonhaven
Protonhaven
Kernhaven
Energiehaven
Industriehaven
Centrale Lage Weide
Waterwinpark
Maximapark
Alendorper Wetering
Bosch en Duinpark
Golfclub de Haar
Kinderboerderij Otterspoor
Reigerskamp
Fazantenkamp
De Eendenkooi
Boomstede
Garansys
Desto
Rioolwaterzuiveringsinstallatie
Lage Weide
Sportpark Elinkwijk
Overvecht Noord
Daelwijck
Stichting tot behoud en exploit. van Fort aan de Klop
Vechtzoom
Henny Knipschildplantsoen
Geuzenplantsoen
Geuzenwijk
De Driehoek
Thorbeckelaan
Ondiep
Omloop
Oudenoord
Pijlsweerd
Otterbeverpark
Nieuw Engeland, Th. a. Kempisplantsoen
Van Oostveen / NG
Maarsseveense Plassen
Kleine Plas
Park Doornburgh
Park Vechtenstein
Campingbedrijf Nooitgedacht -Maarssen BV
Kinderboerderij Otterspoor
Haarrijnseplas
Golfclub de Haar
Vecht
Lage Weide
Groot Zandveld
Algemene Vereniging
Park Grauwaard
Parkwijk, 't Zand
Maarssen-Broek
Boomstede
Vleuten
Terwijde
Maarssenseweg
Thematerweg
Bochtdijk
Parkweg
Dorpsstraat
Rivierkom
Knolruskade
Stichting tot behoud en exploit. van Fort aan de Klop
Vechtzoom
Amazone-Nicaraguadreef
Oudenoord
Pijlsweerd
Nieuw Engeland, Th. a. Kempisplantsoen
Map data ©2013 Google
Edit in Google Map Maker
Report a problem
2000 ft
500 m

What Happened

PUD

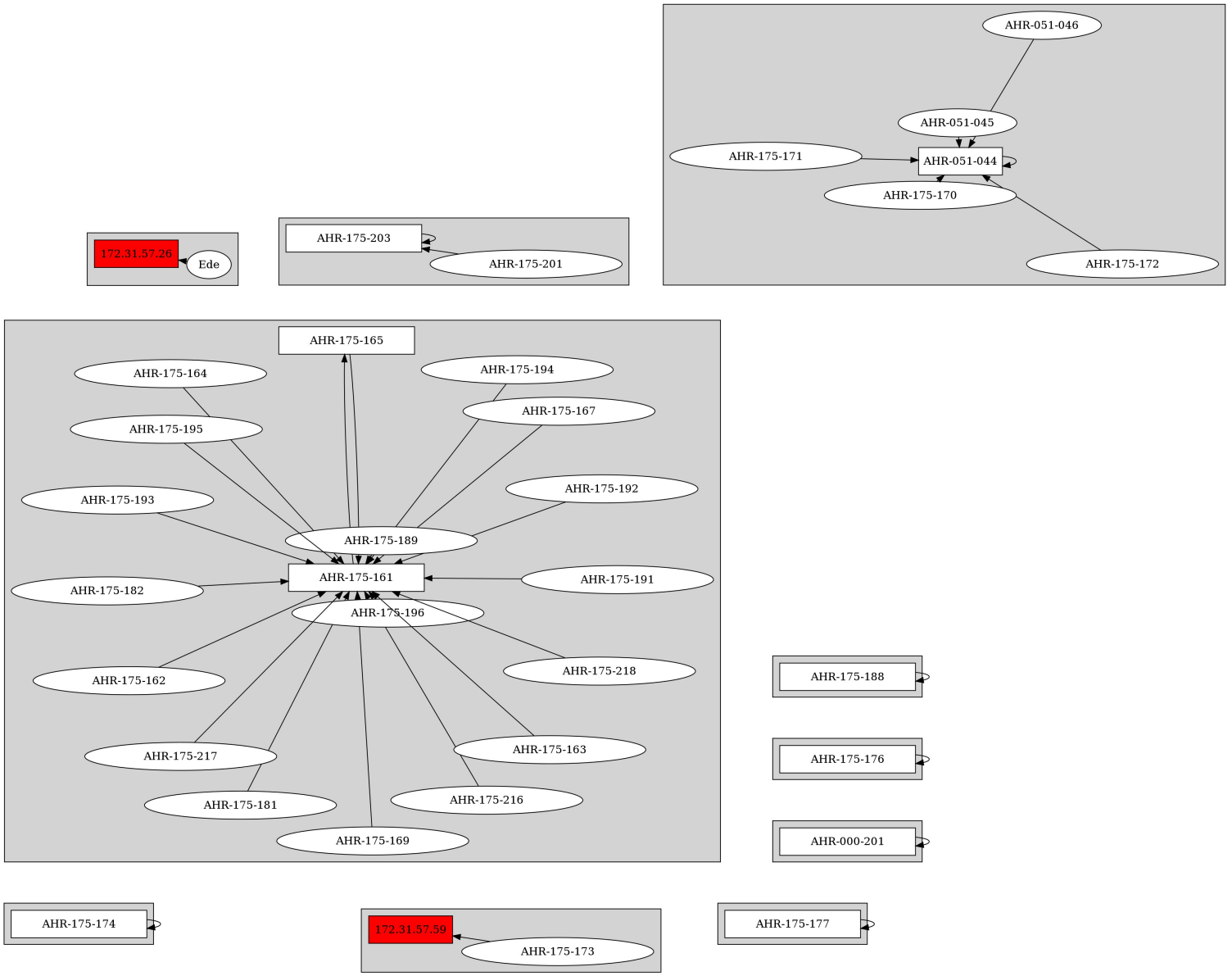
Relay Server

PUD Relay Server



PUD Relay Server

OLSR SmartGateway Clusters of Tue Apr 09 11:34:04 GMT+00:00 2013



What Happened

Multi-Gateway

for Smart Gateway

(next talk)

Update Highlights

- Smart Gateway
  - Major code cleanup
  - Many fixes
    - Use 'nearest fat pipe' (was 'fattest pipe')
    - Only advertise bi-directional links
- SGWDYNSPEED plugin added

Update Highlights

- MDNS
  - Host Filtering
  - Router Election
- JSON plugin added
- TAS plugin removed
- Other plugins: many small fixes

Update Highlights

- Main
  - Add -pidfile CLI option
- Build
  - Many small improvements
  - Stricter compilation
    - more warning & hardening flags
  - Zero compiler warnings

Code Issues

- Many more reviews are needed

- Less code duplication is desperately needed
  - bmf – mdns – p2pd - ... (4th alike plugin proposed)
  - txtinfo – httpinfo - json

Open Source

Pelagic

Open Source

OLSR.org

Repositories /

This is the central OLSR.org git repository

Project	Description	Owner	Last Change	
dlep_app.git	DLEP application for OONF API framework	*OLSR.org*	*24 hours ago*	summary | shortlog | log | tree
olsrd.git	OLSR.org main repository	*OLSR.org*	*5 days ago*	summary | shortlog | log | tree
olsrd2.git	OLSRd version 2 development repository	*OLSR.org*	*5 days ago*	summary | shortlog | log | tree
olsrd_readonly.git	Readonly copy of OLSRd main repository before...	*OLSR.org*	*7 months ago*	summary | shortlog | log | tree
oonf_api.git	OLSR.org network framework	*OLSR.org*	***64 min ago***	summary | shortlog | log | tree

Open Source

Github: **AHR-Project**

iBridge Ad-Hoc Router
AHR-Project

Joined on Apr 10, 2012

2 public repos **0** private repos **2** members

Repositories | Members | Edit AHR-Project's Profile

Find a Repository...

All Public Private Sources Forks Mirrors

nmealib C ★ 6 3
NMEA library for GPS sentences, forked from http://nmea.sourceforge.net
Last updated a month ago

pudUplinkServer Java ★ 2 0
Relay Server for OLSRd PUD positions
Last updated 4 months ago

Pelagic

What's Next

(a.k.a. The Future)

What's Next

IPv6

Pelagic

What's Next

BRDP

(next talk)

What's Next

MP-TCP

What's Next

OLSRd v2

Contact

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