

RIPEstat

- “Numbers are Us”: IPv4/IPv6 Addresses, ASNs
- Modular & Extendable Toolbox
- “stat” means
 - Statistics (time, aggregation, zoom)
 - Status (real time, aggregation, zoom)


Basic Idea

RIPEstat

Your network: **AS2121** , 193.0.24.0/21 Example: IPv4, IPv6, ASN

Whois Matches

resource	AS1267	Show all fields
as-name	ASN-INFOSTRADA	
maintainer ID/handle	AS1267-MNT	
description	Infostrada S.p.A. IUnet S.p.A.	

 non-RIPE resources are only updated daily

Subquery took 1068 msec (Ref: Q110539/583945 R0)

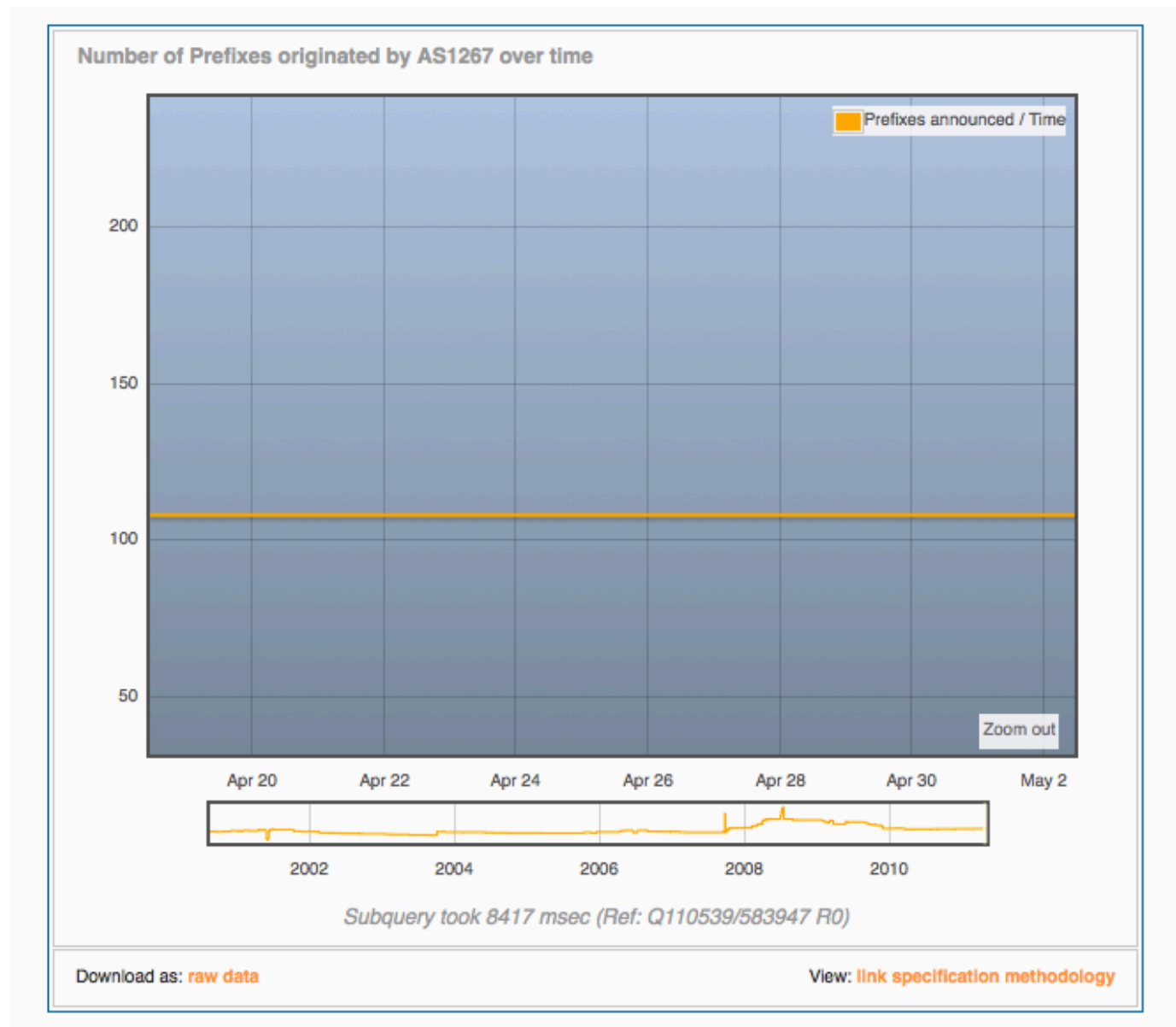
Download as: [raw data](#) View: [link specification methodology](#)

Prefixes originated by AS1267

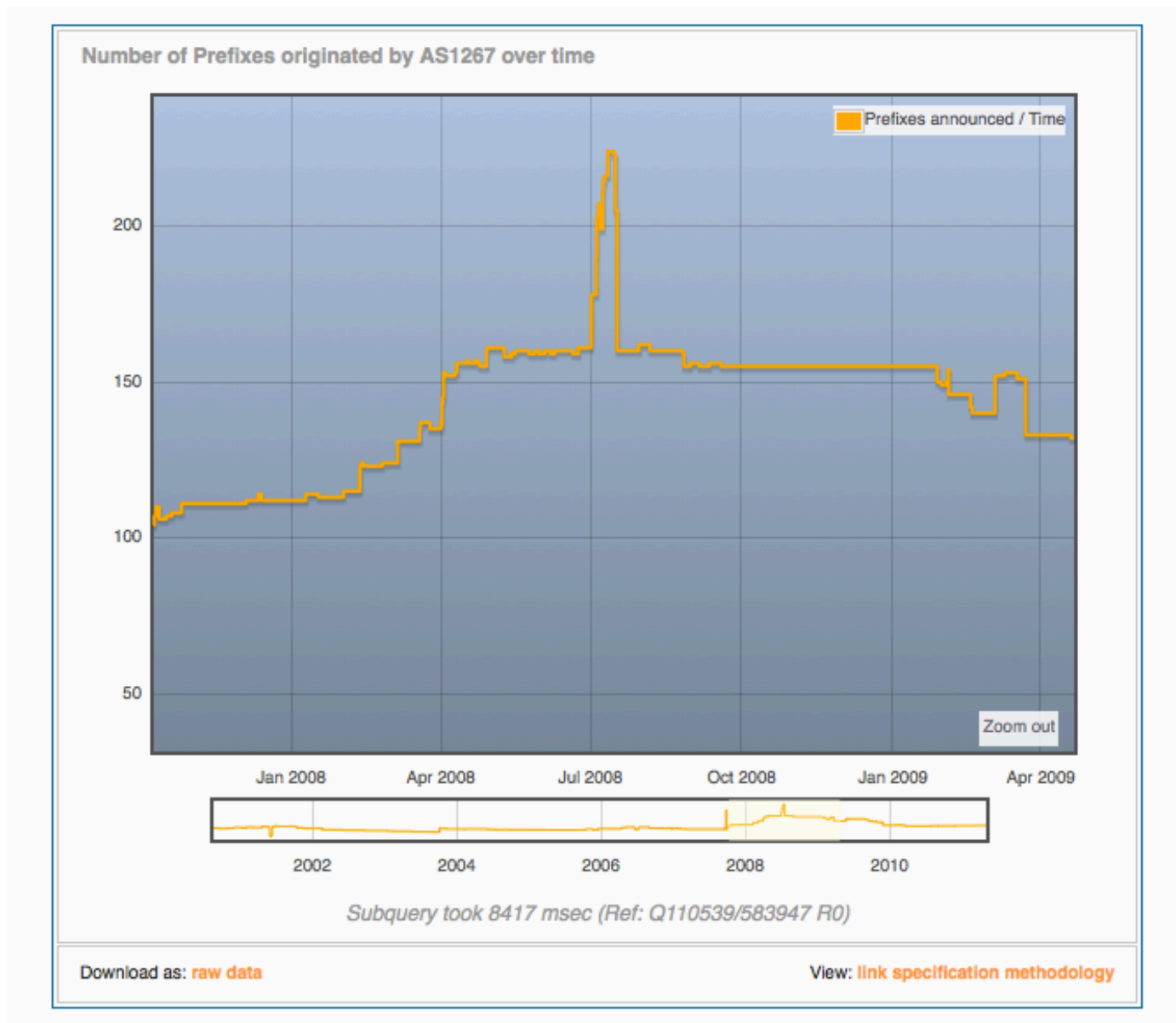
Show entries Search:

Prefix	First Seen	Last Seen	Peers Seeing
77.95.168.0/21	2008-09-11 16:00:00	2008-09-18 16:00:00	126
151.43.60.0/22	2008-04-02 16:00:00	2009-03-23 08:00:00	114
151.36.208.0/20	2008-04-02 16:00:00	2009-03-23 08:00:00	114
151.38.4.0/22	2009-02-04 00:00:00	2009-02-04 08:00:00	114
151.36.16.0/20	2009-02-04 00:00:00	2009-02-04 08:00:00	114
151.53.162.0/19	2009-02-04 00:00:00	2009-02-04 08:00:00	112

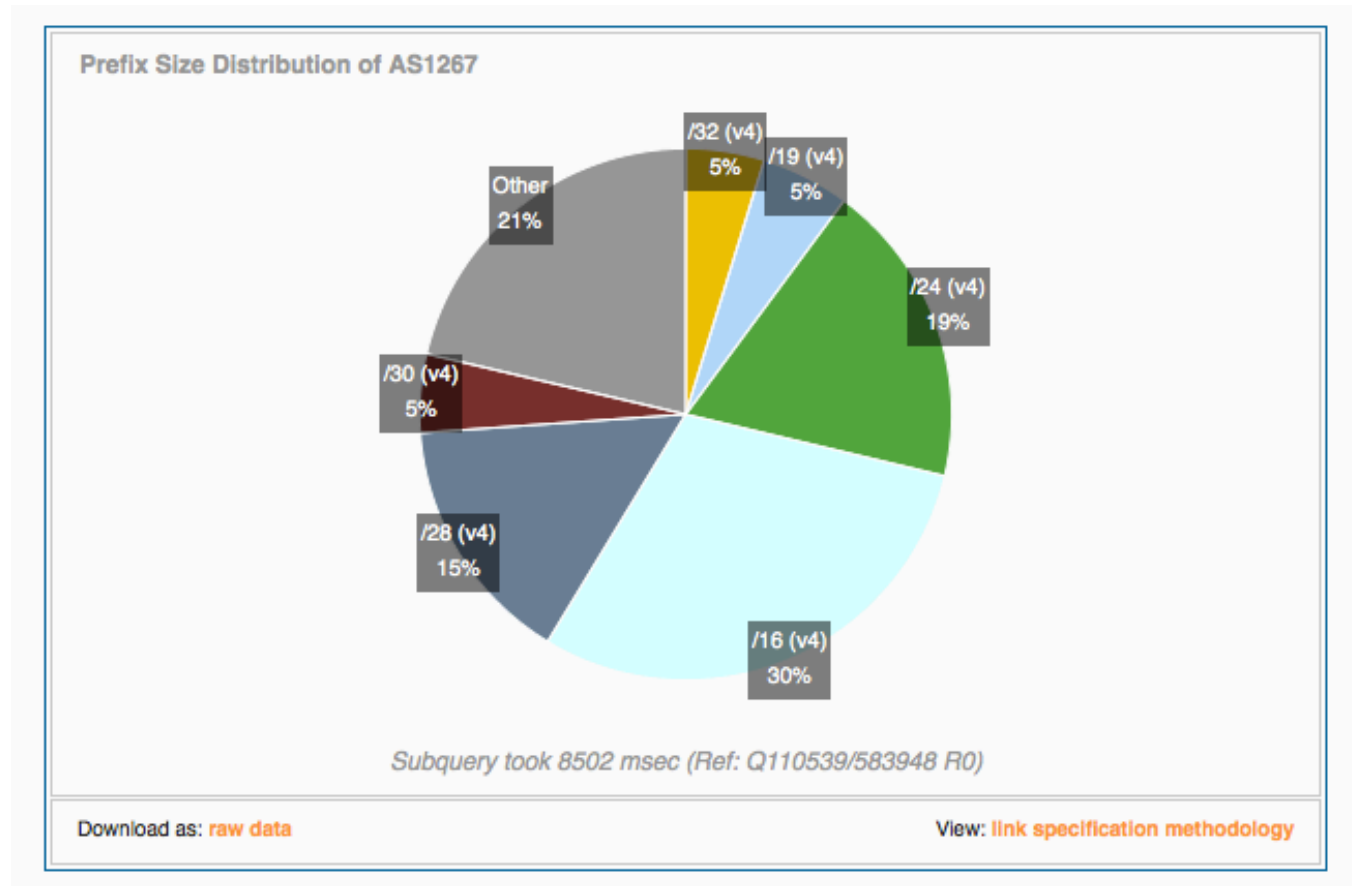
Number of Prefixes



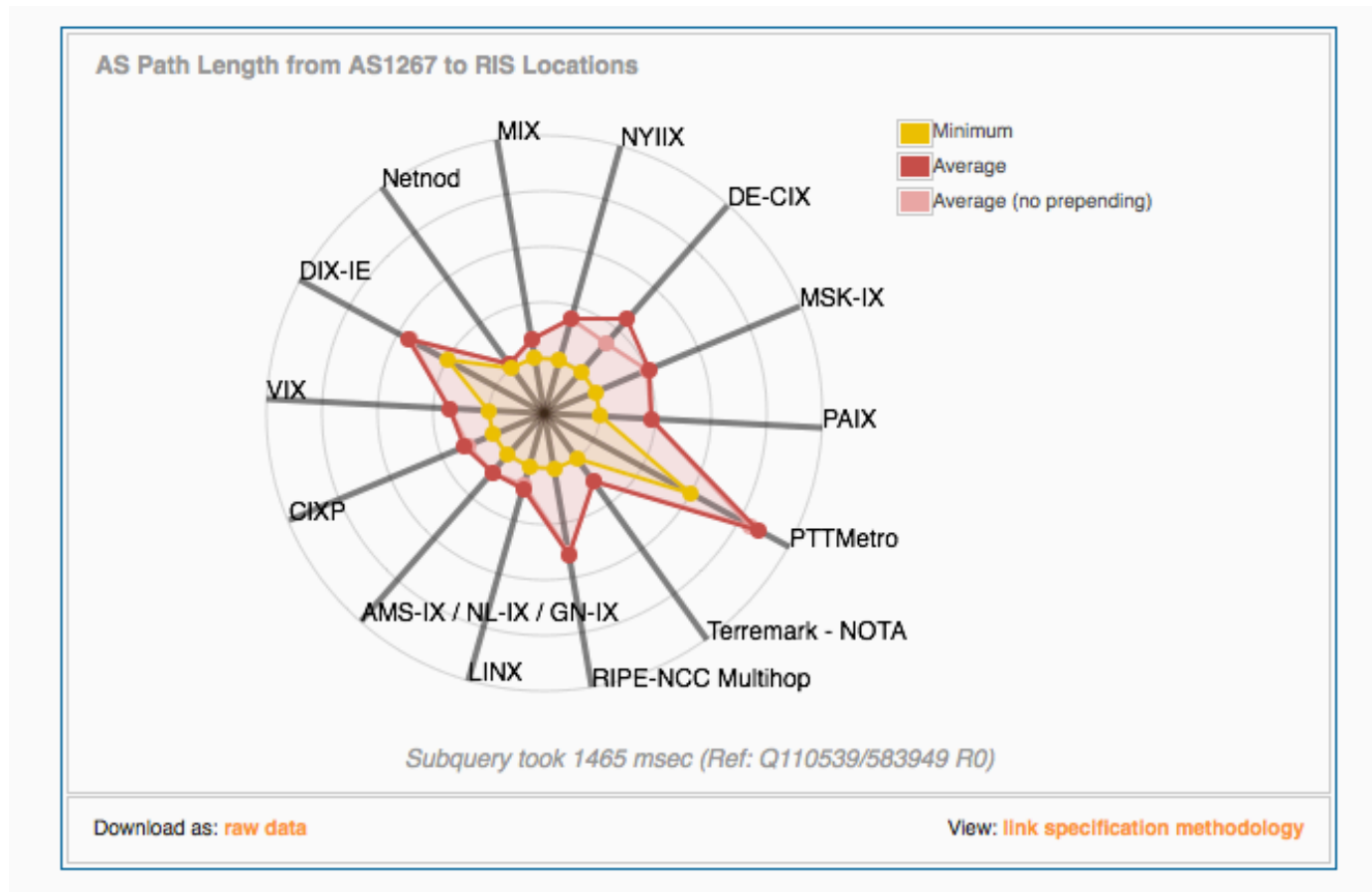
Number of Prefixes: Zoomed In



Prefix Size Distribution



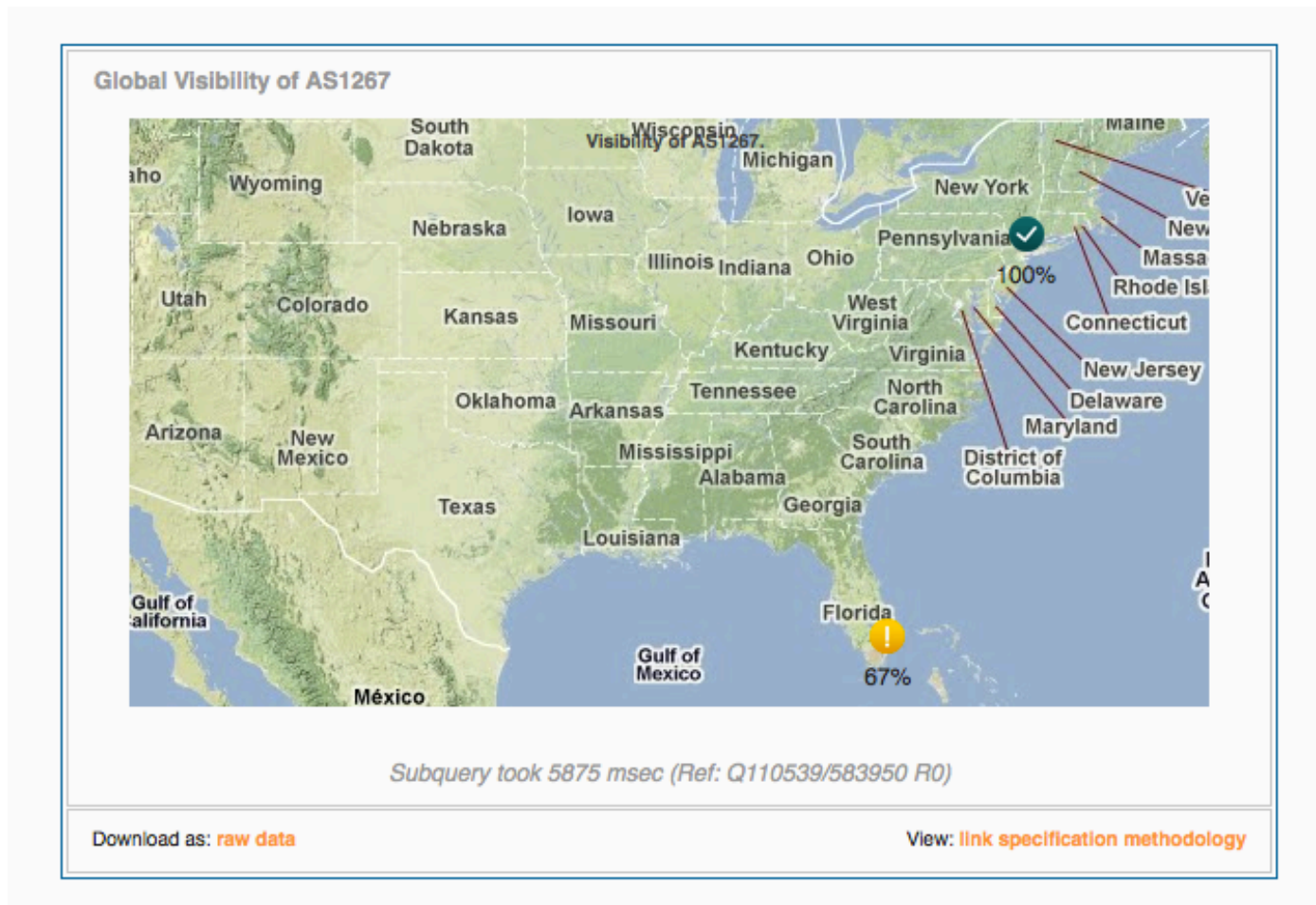
“BGP Distance”



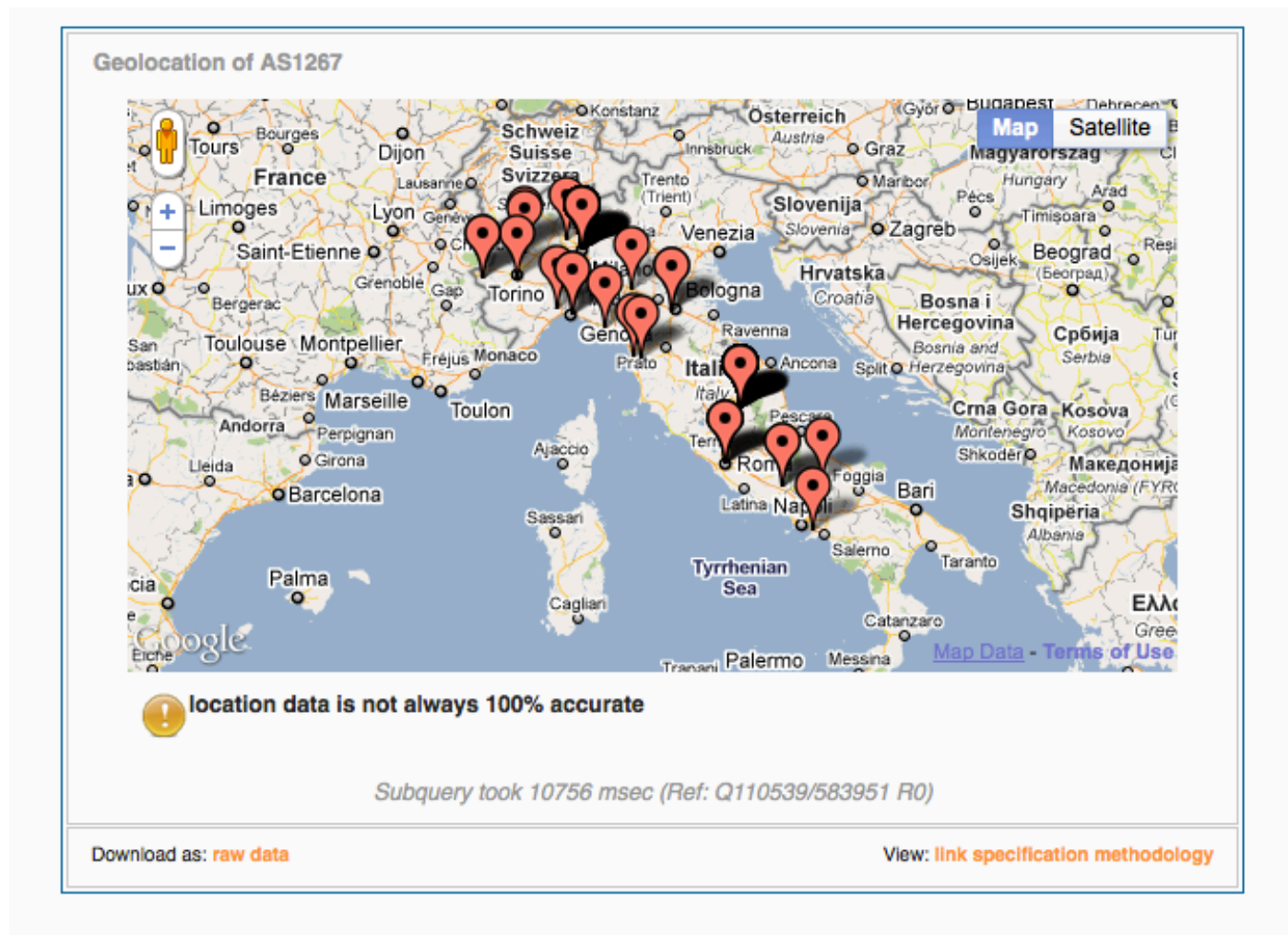
“Global Visibility”



“Global Visibility”: Zoomed In



Geolocation (Maxmind)



Strategy

- Immutable, sharable URLs for each result
- Add more history
- Multiple output formats (command line tool?)
- **Successively integrate current info services**

Regular Public Demos

- Modular design --> agile development
- We demo new functionality every 4 weeks
 - we receive comments and feedback
- We monitor usage, ... and you can too
- Based on usage and feedback we will adjust
- You get the tools you deserve: get involved!
- *Please do not consider the demos as finished !*

At RIPE 62

- Demo stand left of the RIPE registration desk
 - 10:30 - 16:00 each day (<http://stat.ripe.net>)
- MAT Working Group
 - Thursday 16:00 - 17:30
 - formal talks, details
- RIPE NCC Measurements BoF
 - Thursday 17:45 - ...
- Prize drawing for best suggestion
 - Friday Closing Plenary