RIPE Labs
Operators Tools and Data

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RIPE Labs

What is RIPE Labs?

- It is a web site, but more importantly:
    - It is a platform and a tool **for the community**

- You can:
    - Test and evaluate new tools and prototypes
    - Contribute new ideas and research results
    - Provide feedback and discuss with others

http://labs.ripe.net/

Currently on RIPE Labs

tagcloud

cpe dns dnssec database rex ripe db rpsl atlas certification datarepository geolocation ipv4 ipv6 ipv6day measurements policy reputation ripestat root-servers routing statistics tools

- IPv4 and IPv6 measurements

- RIPEstat (operator tool)

- RIPE Atlas (active measurements)

- Statistics and Measurements

- and much more...

RIPEstat - http://stat.ripe.net
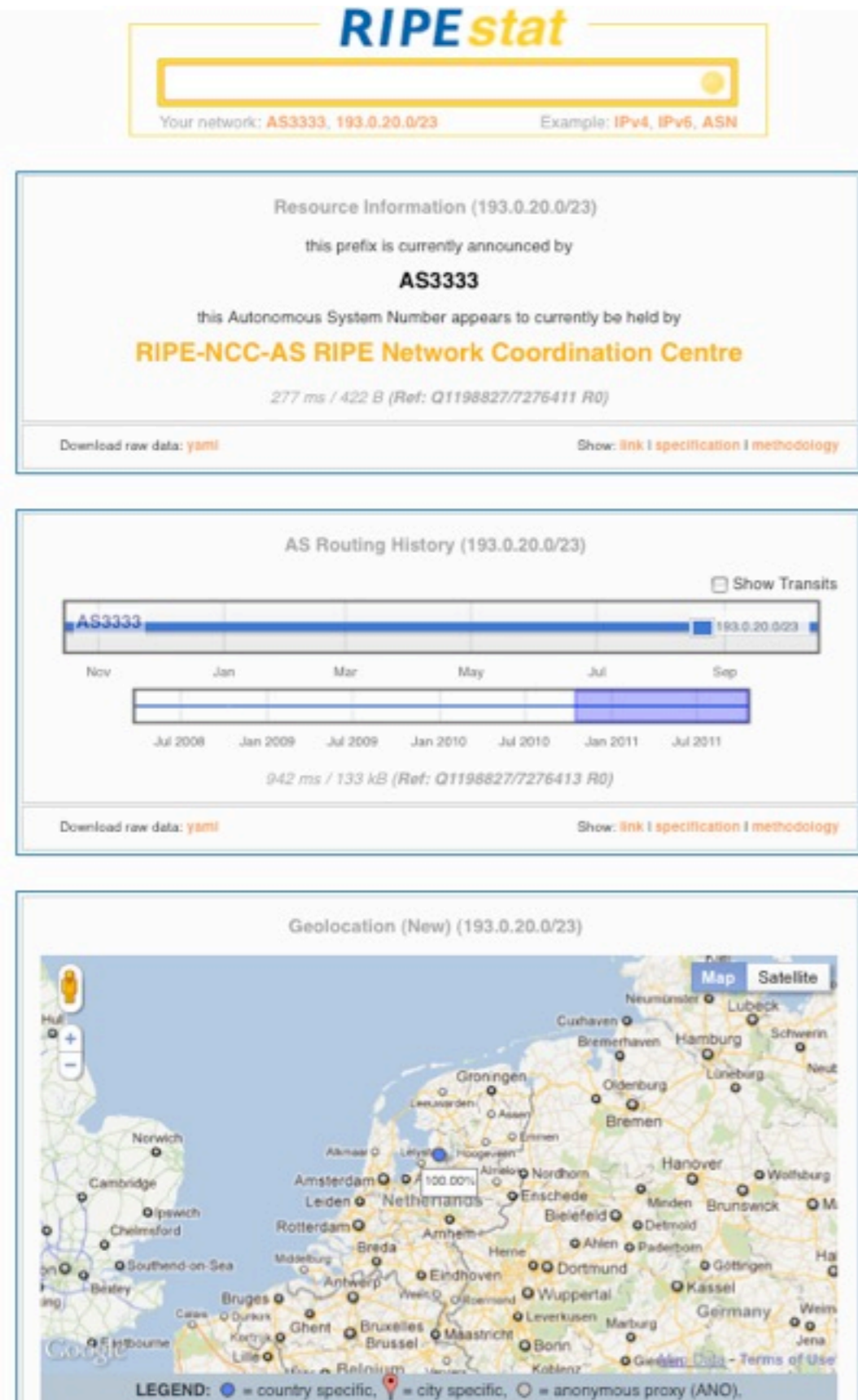
- Toolbox
  - all data in one place
  - routing, IP, geoloc, BLs, etc.
  - graphical interface

- Mobile App released
  - for iPad and iPhone
  - Android later

- Monthly live demo session
  - on webex

RIPE Atlas - Active Measurements Network

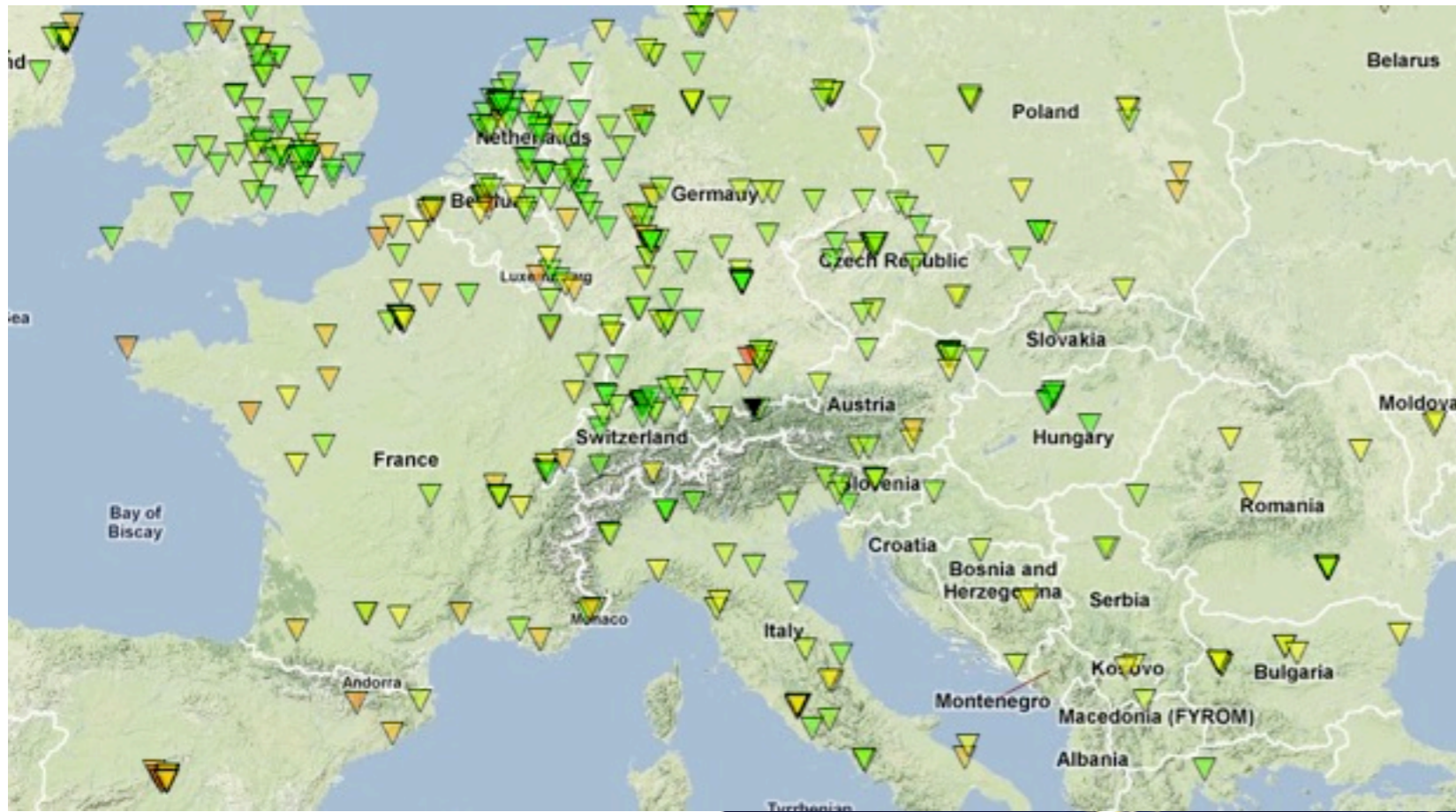- Next generation Internet measurements network
    - thousands of measurement nodes
    - probes run different measurements

- Instead of building small, individual, private infrastructures, build a HUGE common infrastructure that serves both, private and community goals

http://labs.ripe.net/atlas

RIPE Atlas - Map of Atlas Probes

World IPv6 Day Measurements

- Various measurements before, during, after
  - performance measurements
  - identifying glitches
  - monitoring long-term effects

http://labs.ripe.net/ipv6day

Why RIPE Labs?

- Faster, tight innovation cycle
  - Provide useful prototypes to you earlier
  - Adapt to the changing environment more quickly

- Closer involvement of the community
  - Openness
  - Make feedback and suggestions easier and more effective

Suggestion and Questions

- Please take a look and **participate**

- Leave a comment under an article

- Questions and suggestions to labs@ripe.net

http://labs.ripe.net/

Questions?