RIPEstat

Information Services
May 5 2011 @ RIPE 62

Motivation for **RIPE**stat

- Frequent need to find information about Internet resources

- Many sources available

  - BGP data (RIS...)

  - active measurement (Atlas, TTM, DNSMON...)

  - RIPE DB

  - geo-location data

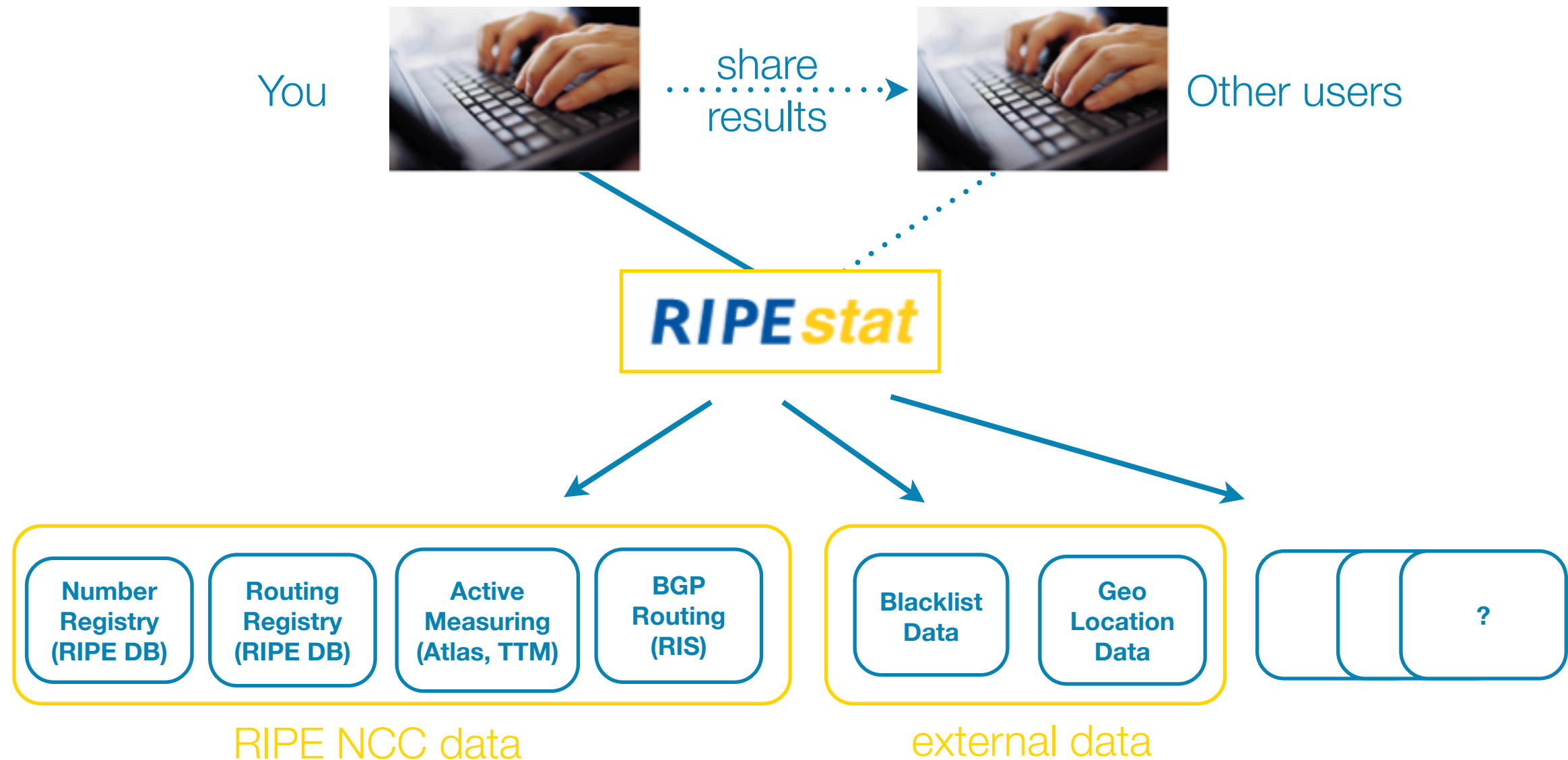 - blacklist data

  - ...

Motivation for **RIPE** *stat*

- Depending on your need, interest or issue

  - you need to query multiple tools

  - sources of data are scattered

  - query interfaces are not consistent

  Wouldn't it be great to have all this info combined?

Motivation for **RIPE** stat

- This is the idea behind **RIPE** stat

You — share results → Other users

RIPE stat

RIPE NCC data

| Number Registry (RIPE DB) | Routing Registry (RIPE DB) | Active Measuring (Atlas, TTM) | BGP Routing (RIS) |

external data

| Blacklist Data | Geo Location Data | ? |

A word on development

- Roadmap is not fixed

  - base application as a starting point

  - onwards direction driven by YOUR suggestions

- Key principles

  - modular and flexible architecture

  - user feedback by consultation and usage analysis

  - views on data sets support history and zooming

  - transparent development (public demo every 4 weeks)

What can you do with **RIPE**stat ?

What can you do with **RIPE**stat ?

box represents a view on a data set

What can you do with **RIPE** *stat* ?

download raw data

What can you do with **RIPE**stat ?

What can you do with **RIPE** *stat* ?

methodology explained

What can you do with **RIPE***stat* ?

- Whois

✓IP ✓AS

What can you do with **RIPE**_stat_ ?

- Prefix announced check

Prefix Announced

This prefix is currently **not** announced!
Some of the plugins might not show any data.
Did you mean: 140.78.0.0/16

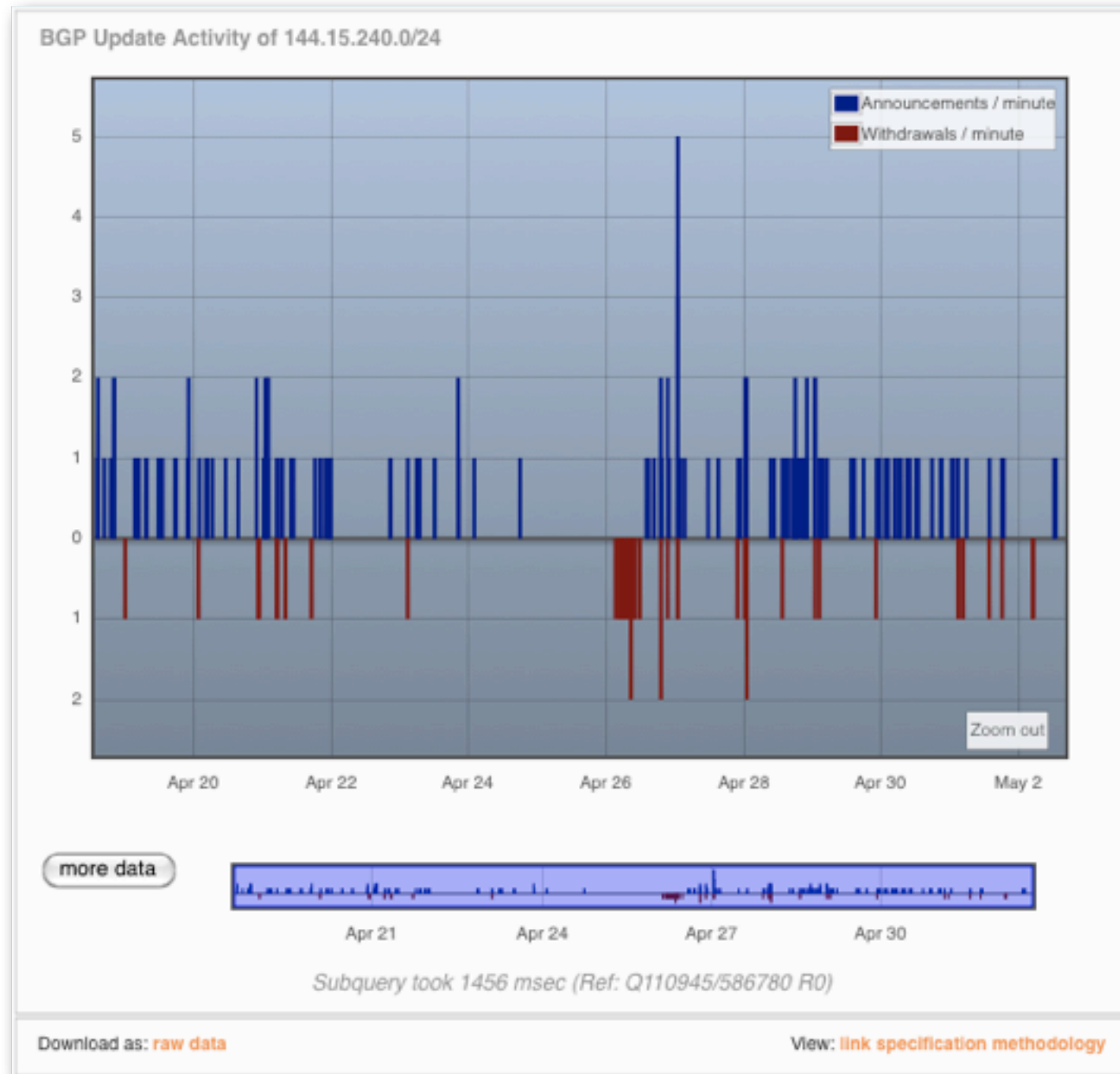_Subquery took 4934 msec (Ref: Q110932/586673 R0)_

Download as: raw data   View: link specification methodology

☑P ☐AS

What can you do with **RIPE***stat* ?

- Prefix overlaps

Prefixes overlapping 144.15.240.0/24

Show [10] entries   Search: [   ]

Prefix	Origin AS	First seen	Last seen
144.15.240.0/24	AS286	2009-05-22 07:59:56	2011-05-02 12:48:16
144.15.0.0/16	AS13684	2009-03-22 00:00:00	2011-05-02 12:48:17

Showing 1 to 2 of 2 entries

Subquery took 4597 msec (Ref: Q110945/586781 R0)

Download as: raw data   View: link specification methodology

☑P ☐AS

What can you do with **RIPE** *stat* ?

- BGP update activity

✓ IP ☐ AS

What can you do with **RIPE**_stat_ ?

- Number of prefixes announced
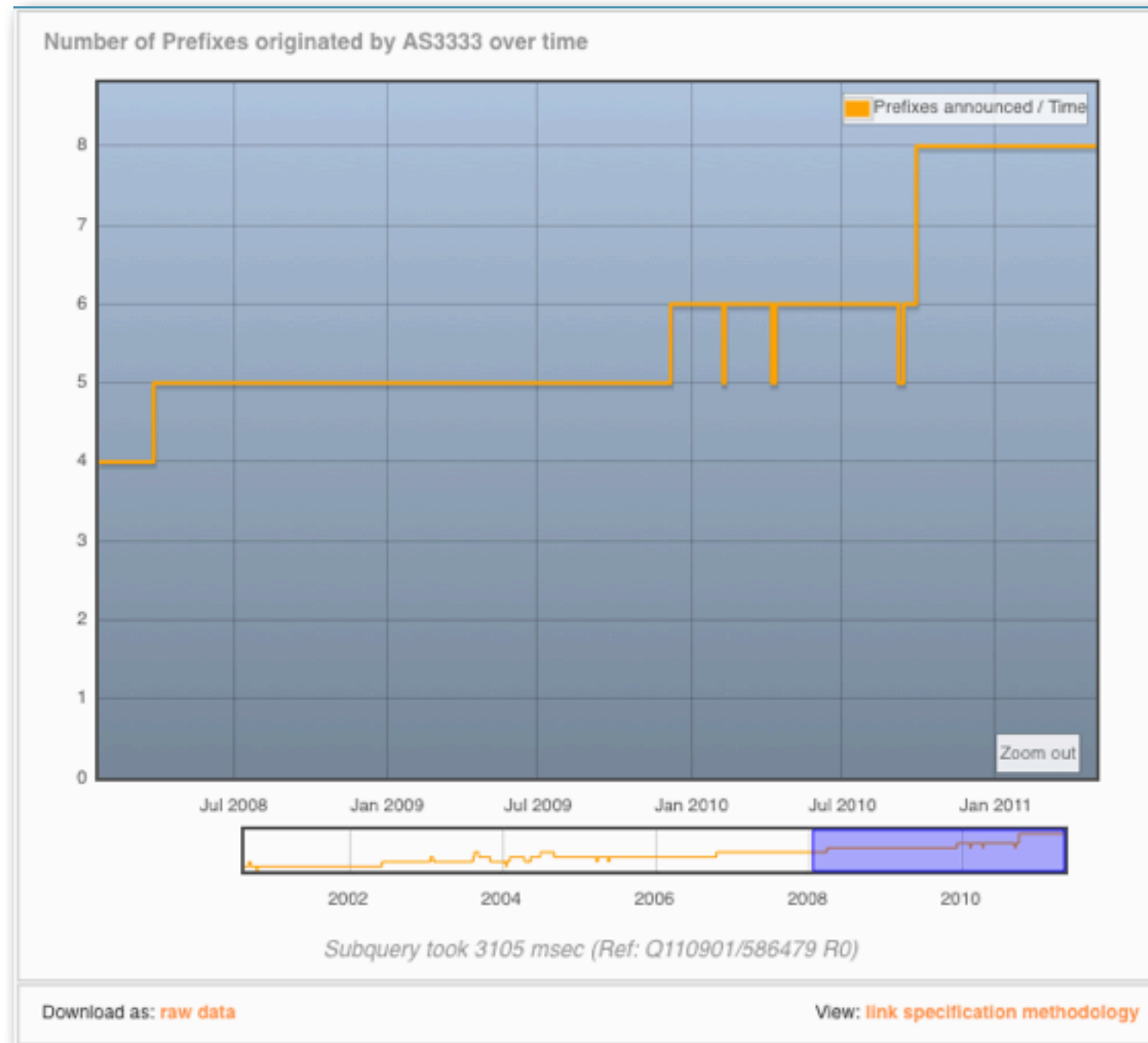
What can you do with **RIPE**stat ?

- Consistency of routing information

Routing Consistency of 144.15.240.0/24

Show 10 entries   Search: _____

Prefix ▲	Origin AS ⇕	In bgp ⇕	In whois ⇕
144.15.0.0/16	13684	Found	Not Found
144.15.240.0/24	286	Found	Found

Showing 1 to 2 of 2 entries

Subquery took 5017 msec (Ref: Q110945/586782 R0)

Download as: raw data   View: link specification methodology

☑ IP ☐ AS

What can you do with **RIPE**stat ?

- Blacklist

Number of Blacklisted Hosts from 195/16

☑ IP ☐ AS

What can you do with **RIPE**_stat_ ?

- History of AS announcing a prefix
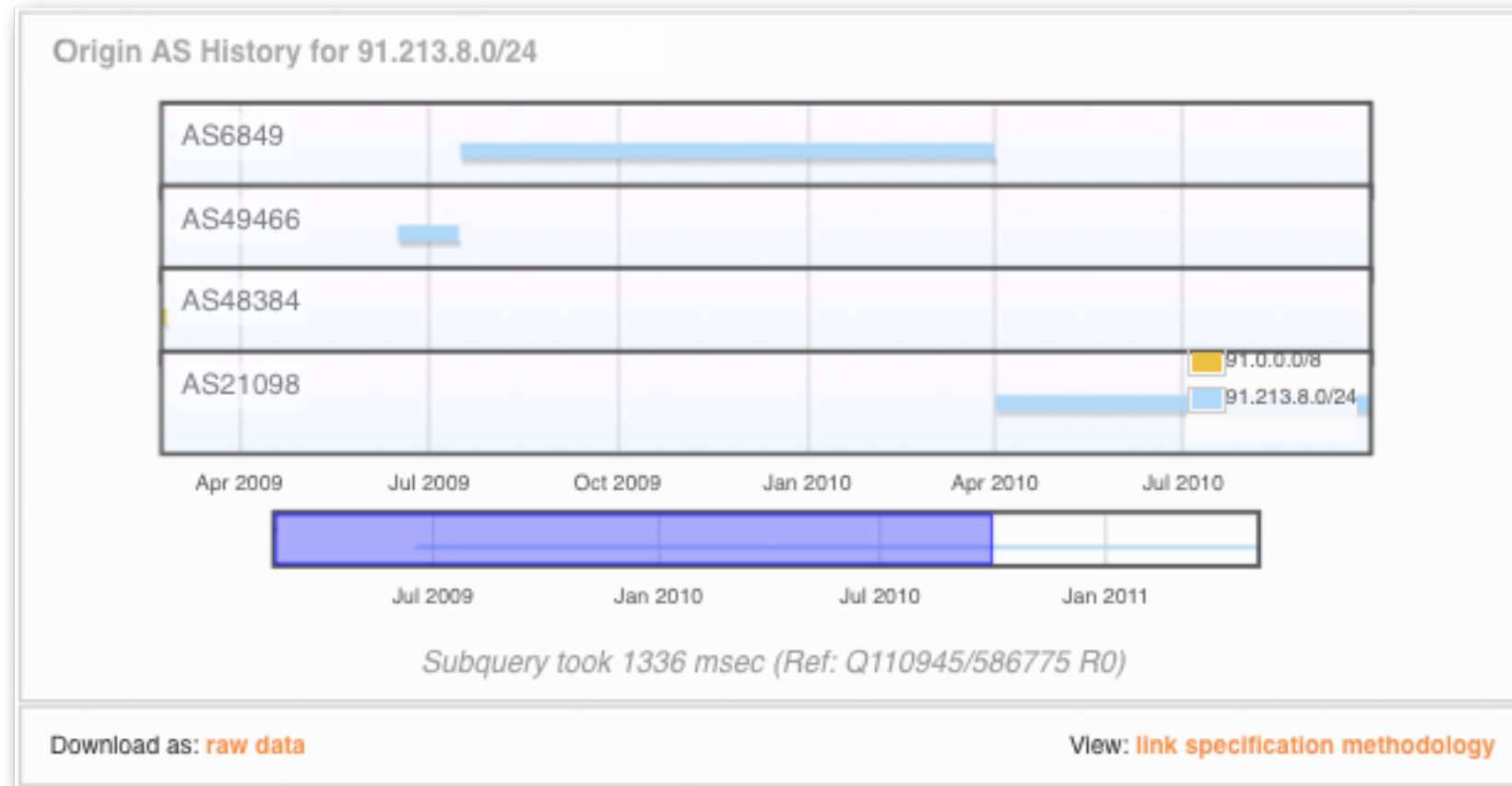
☑P ☐AS

What can you do with **RIPE**stat ?
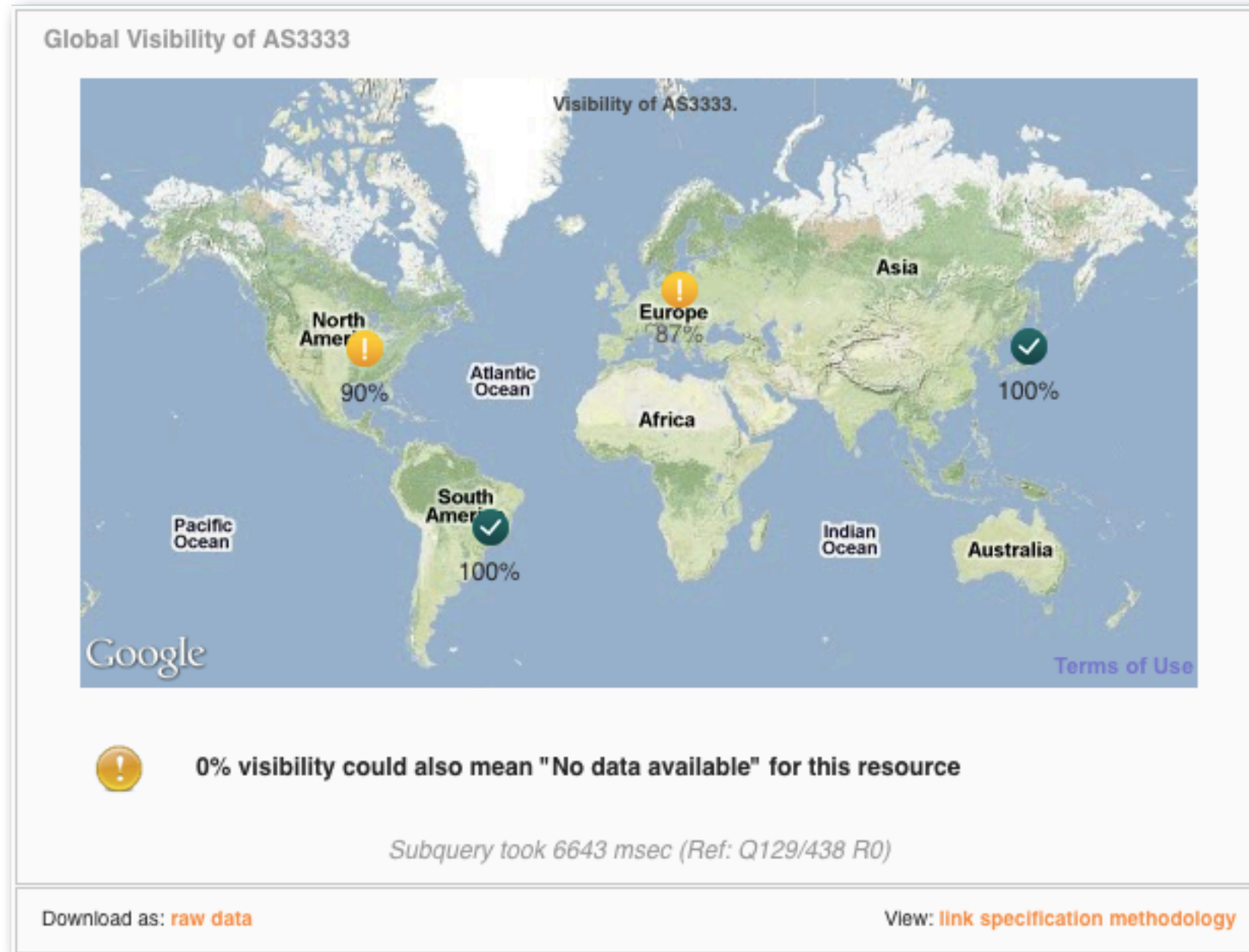
- Visibility

What can you do with **RIPE** *stat* ?

- Visibility
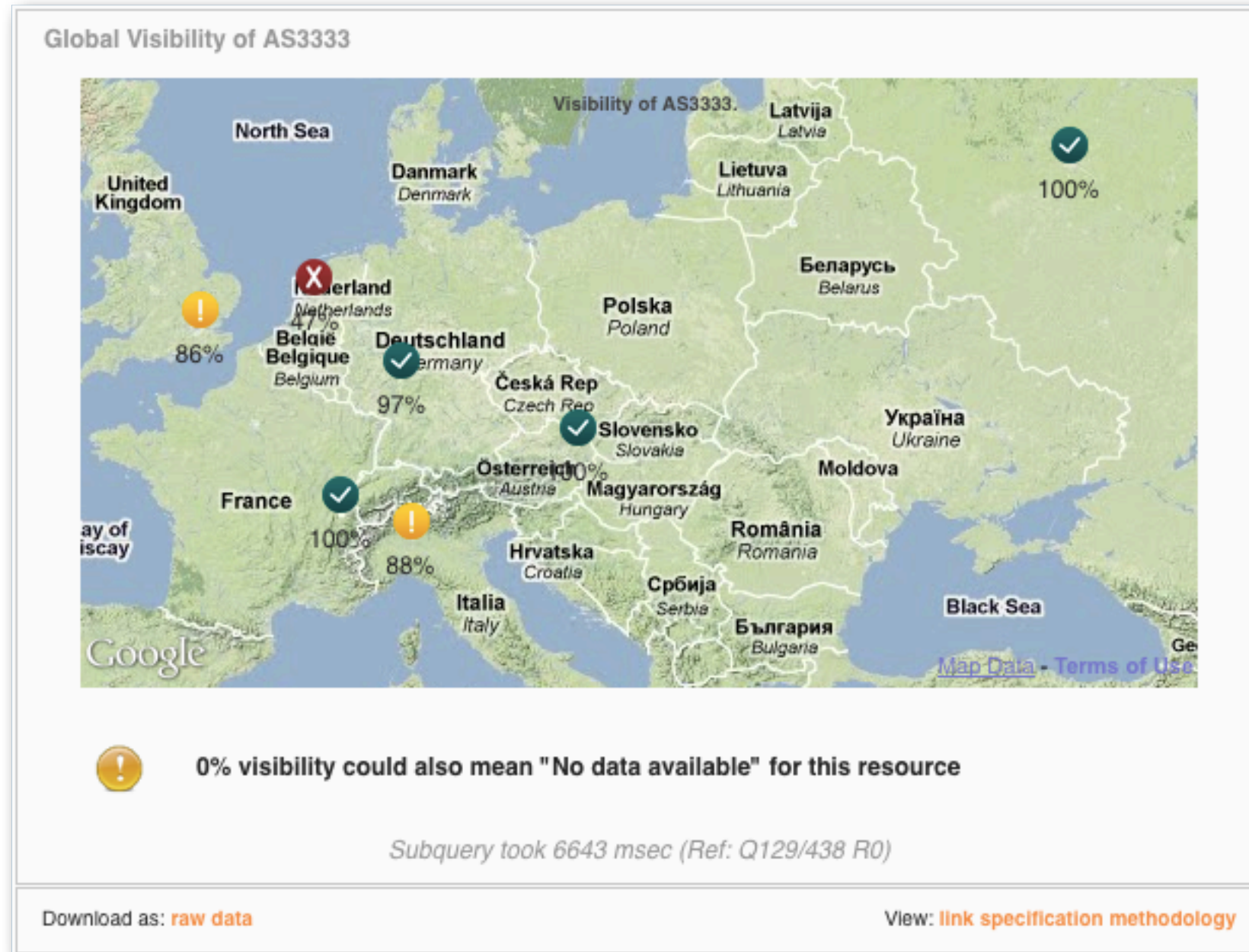
What can you do with RIPEstat ?

- Geolocation of prefix(es)
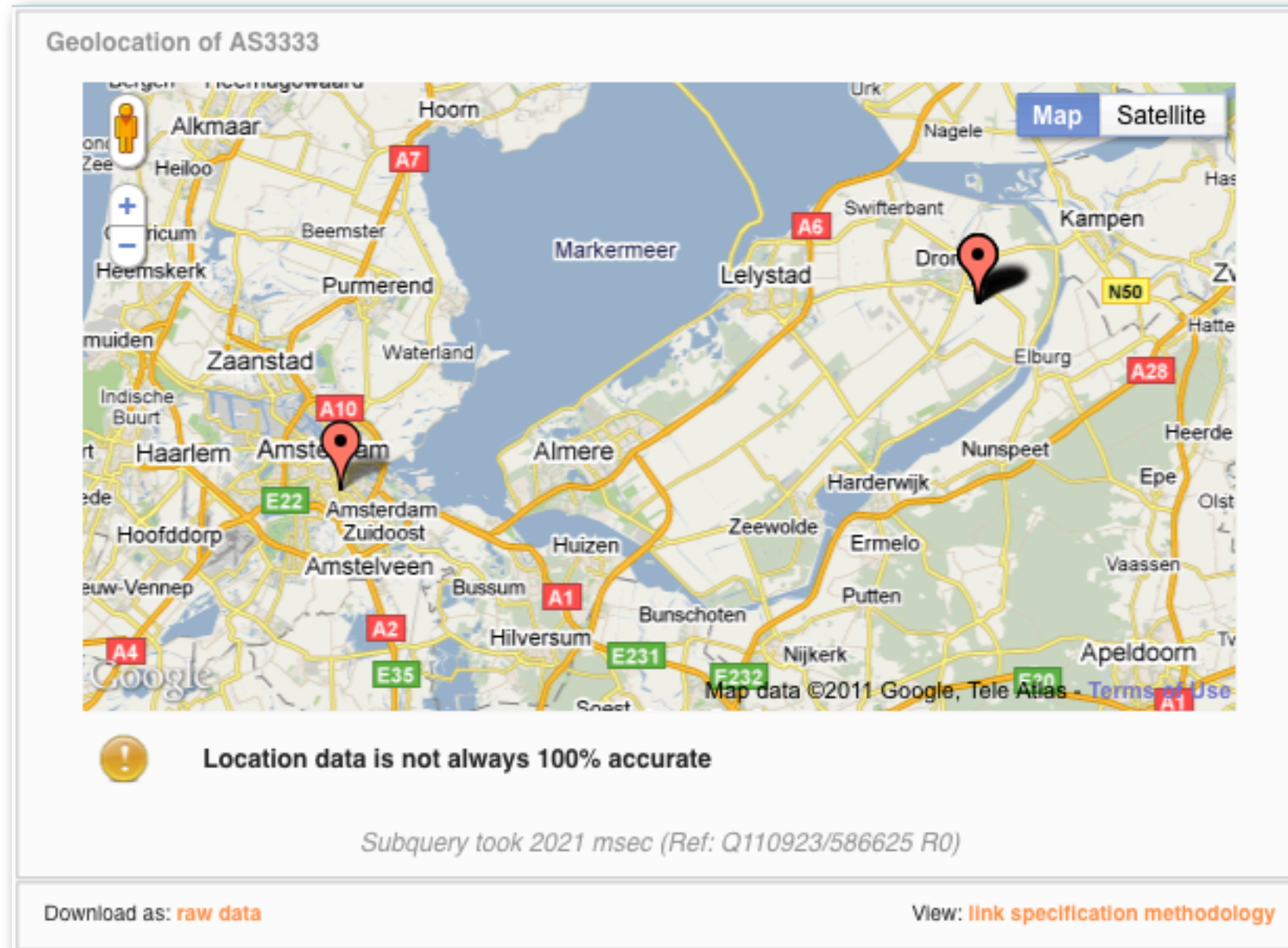
What can you do with **RIPE**stat ?

popular & your latest queries

What can you do with **RIPE**stat ?

event pages
e.g. Egypt

What can you do with **RIPE**_stat_ ?

public demo recordings

What can you do with **RIPE***stat* ?

What can you do with **RIPE**_stat_ ?

access statistics

What can you do with **RIPE**_stat_ ?

change log

What can you do with *RIPEstat* ?

- Possible future features

  - customised results page

  - more views and data sets

  - command-line interface

  - ...

Let's get involved!

- Measurements BoF session (right after this)
  - share your thoughts about **RIPE** *stat*
  - win an iPod Touch for the best suggestion!
- Other ways to participate:
  - MAT-Working Group list (mat-wg@ripe.net)
  - **RIPE** *stat*
  - RIPE labs (http://labs.ripe.net/ripestat)

Questions?

RIPE
NCC