

# Measurement Strategy

2012/2013/...

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“I didn't have any  
knowledge about that  
service.”

Not useful for my day-to-day work.

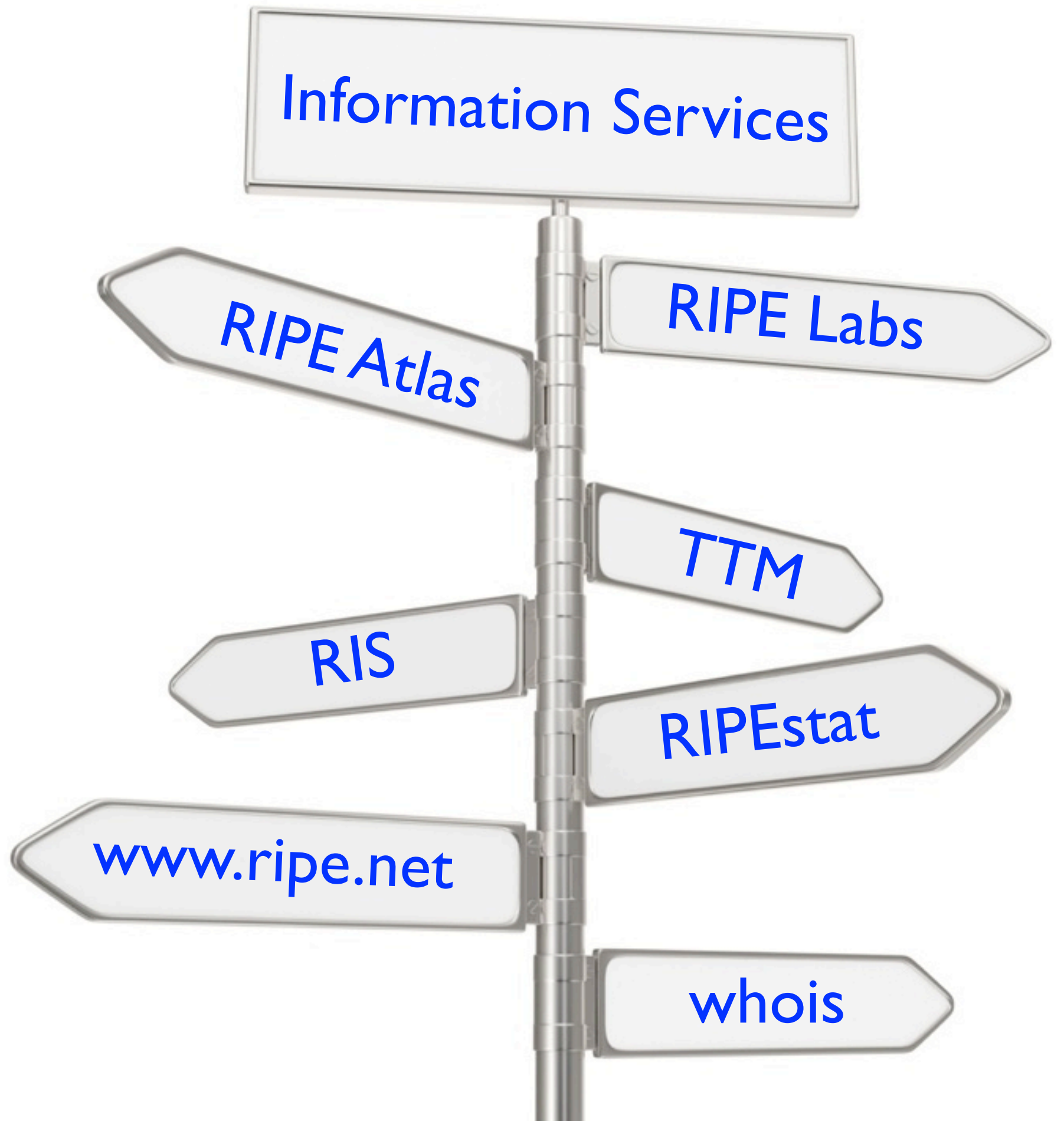
Not easy to use.

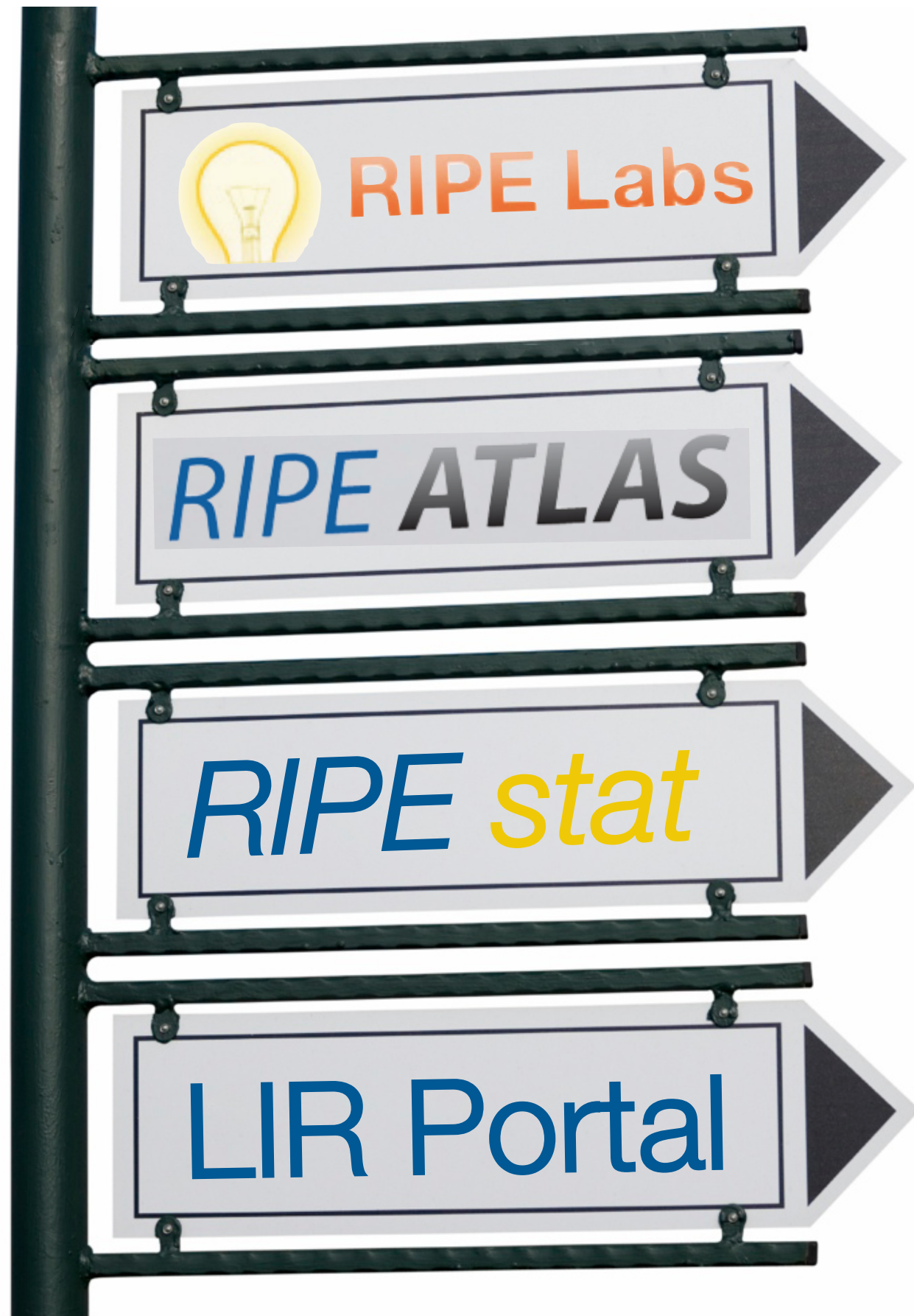
More Statistics please !

Not easy to find.









Clearly  
defined,  
intuitive  
service  
'brands' /  
names





**RIPE Labs**

**RIPE** *stat*

**RIPE** *ATLAS*



**RIPE Labs**

Stories  
General Statistics

**RIPEstat**

**RIPE ATLAS**





**RIPE Labs**

Stories

General Statistics

**RIPEstat**

Specific (IP/ASN)

Real-Time / History

**RIPE ATLAS**



**RIPE Labs**

Stories

General Statistics

**RIPEstat**

Specific (IP/ASN)

Real-Time / History

**RIPE ATLAS**

State of the Net

Big Picture &  
Individual Measurements





**RIPE Labs**

Membership

-

Only

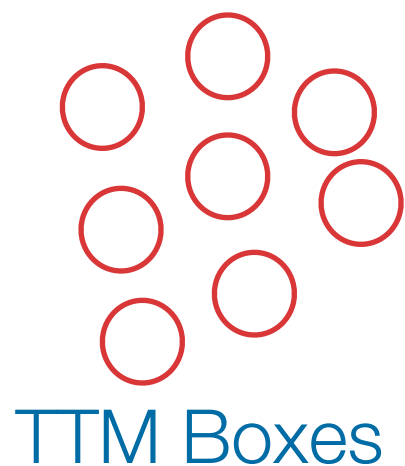
**RIPEstat**

Content

**RIPE ATLAS**

Everywhere

# Measurements & Tools 2011

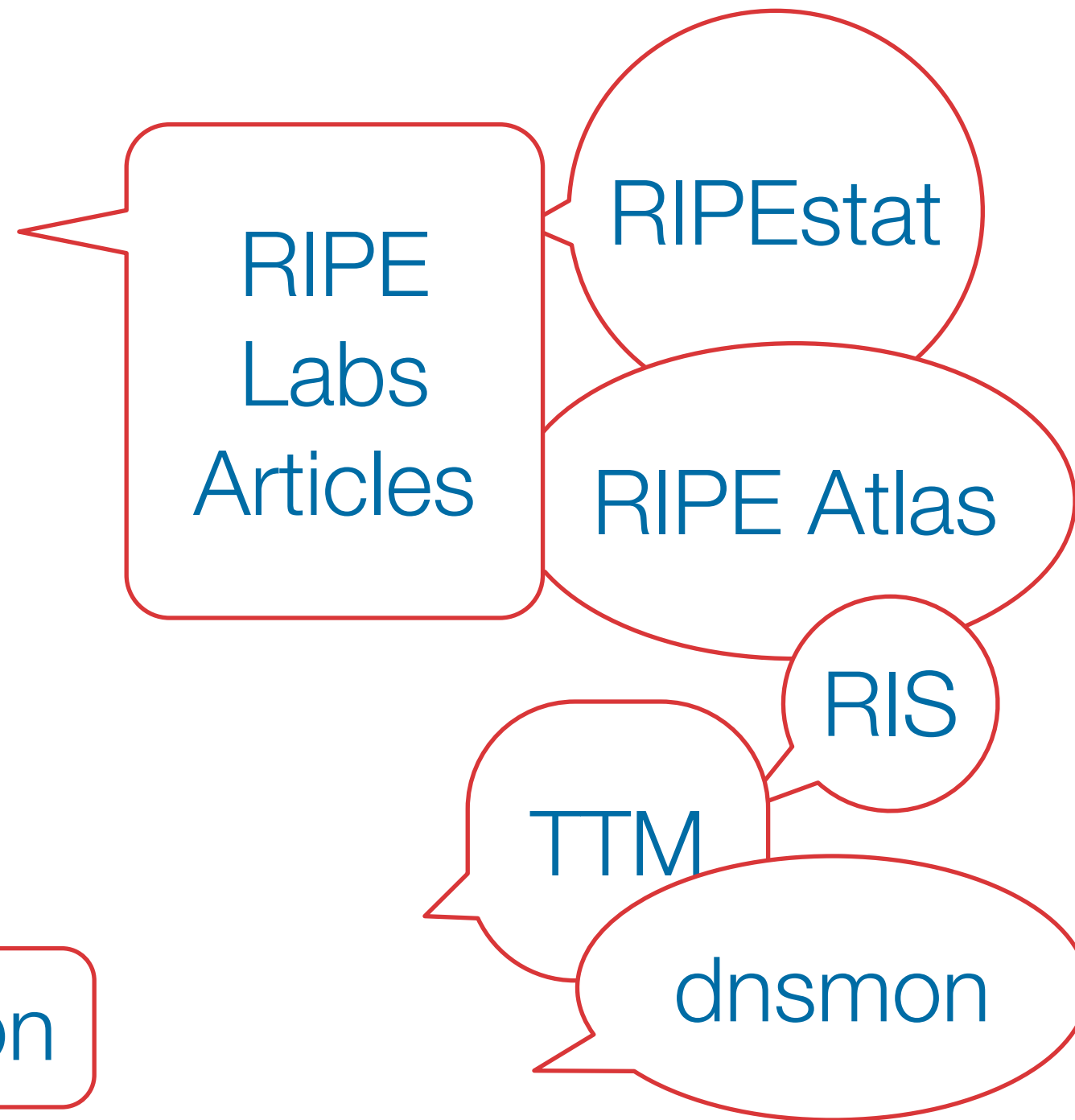


RIS

Atlas

TTM

dnsmon





# Data, Measurements & Tools 2012

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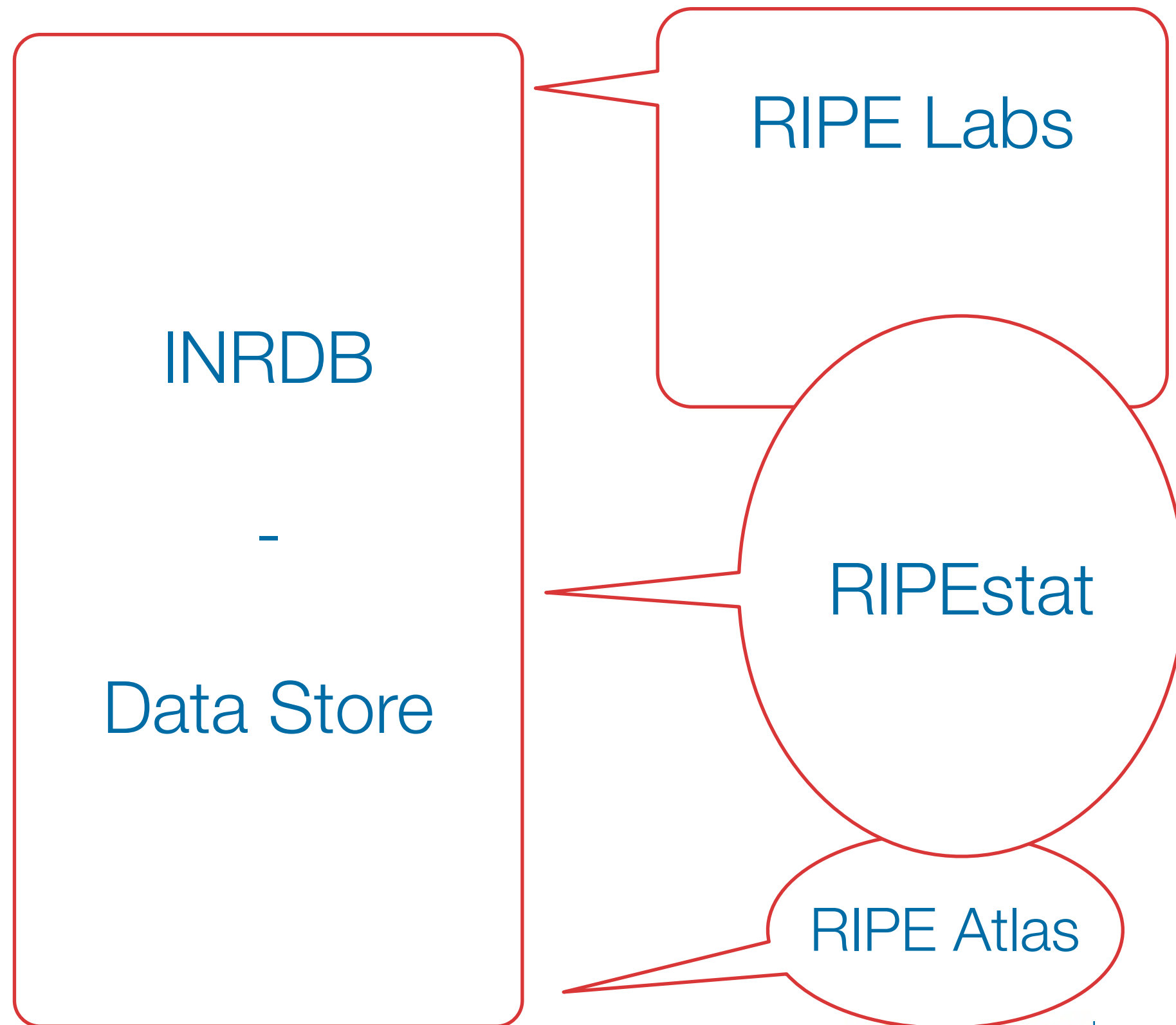
RIPE Labs

RIPEstat

RIPE Atlas

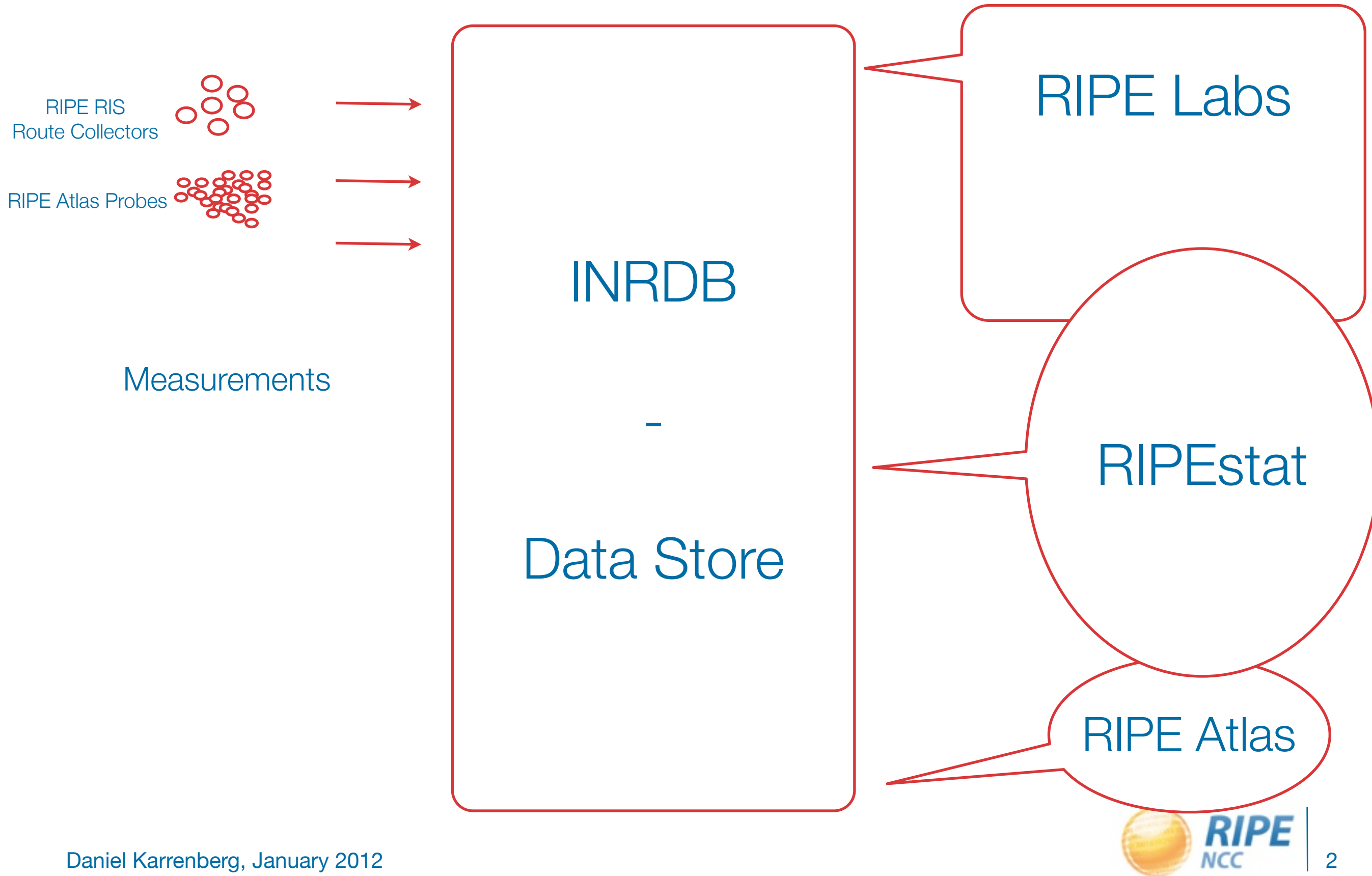
# Data, Measurements & Tools 2012

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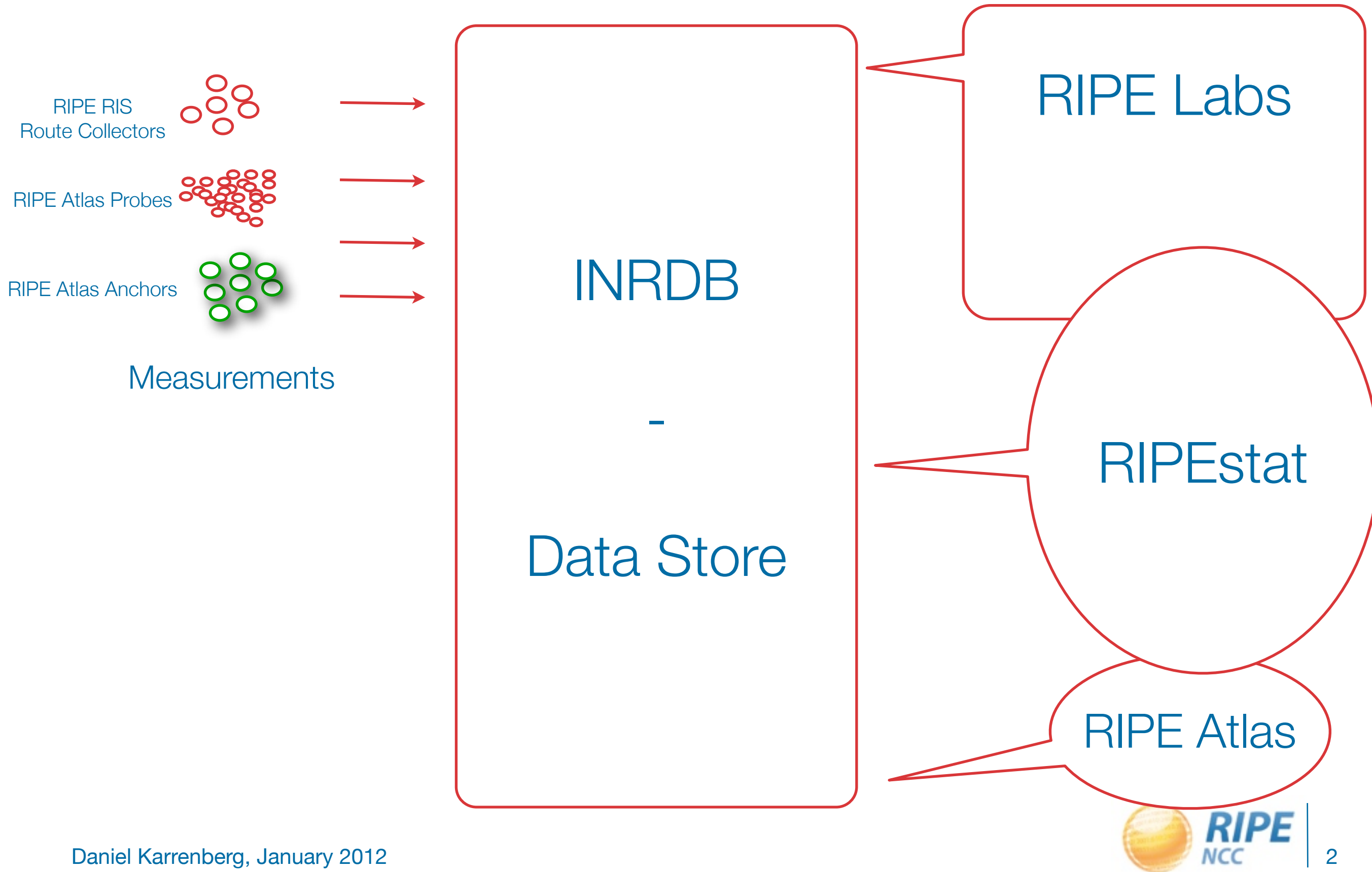




# Data, Measurements & Tools 2012

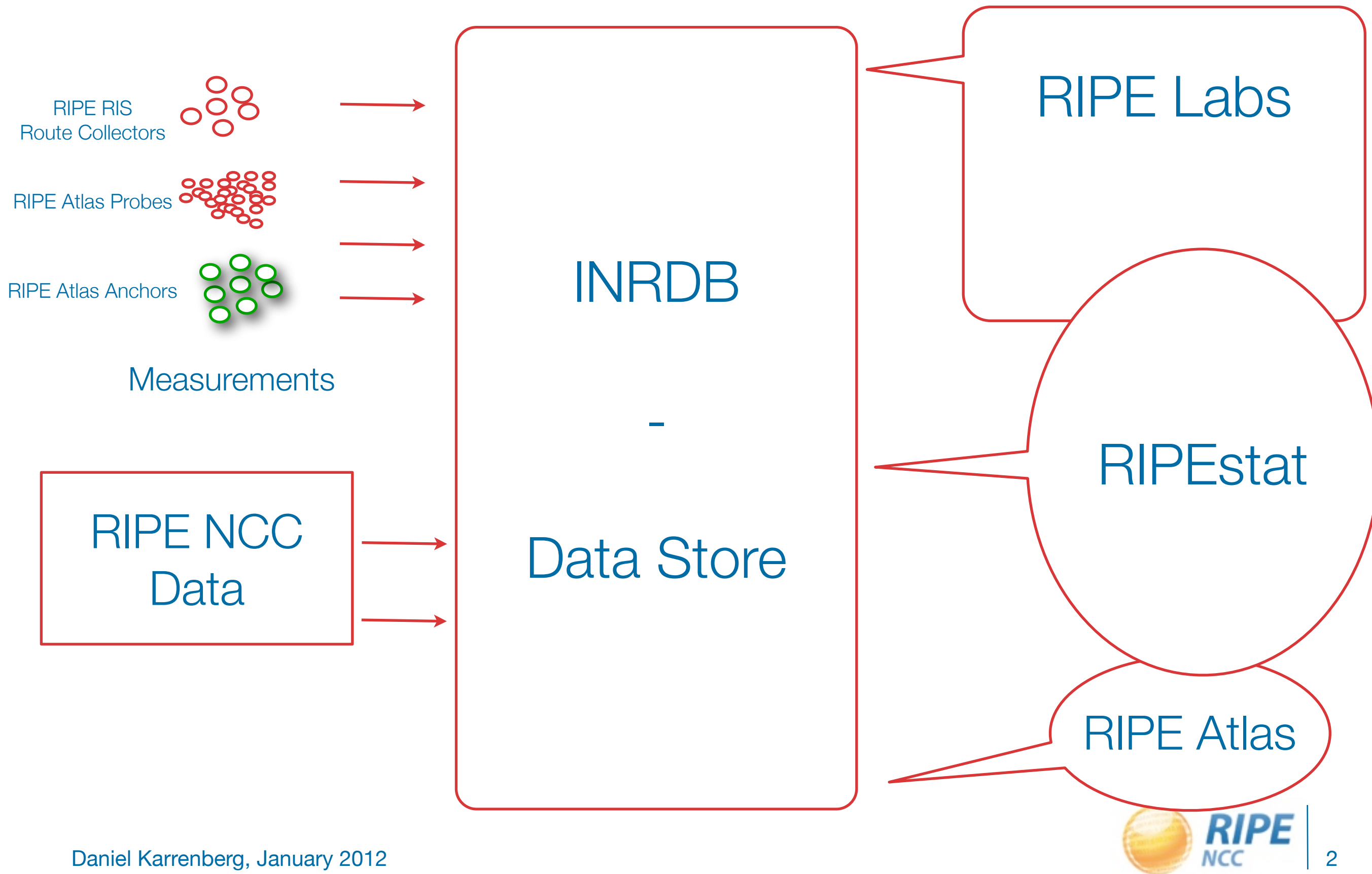


# Data, Measurements & Tools 2012

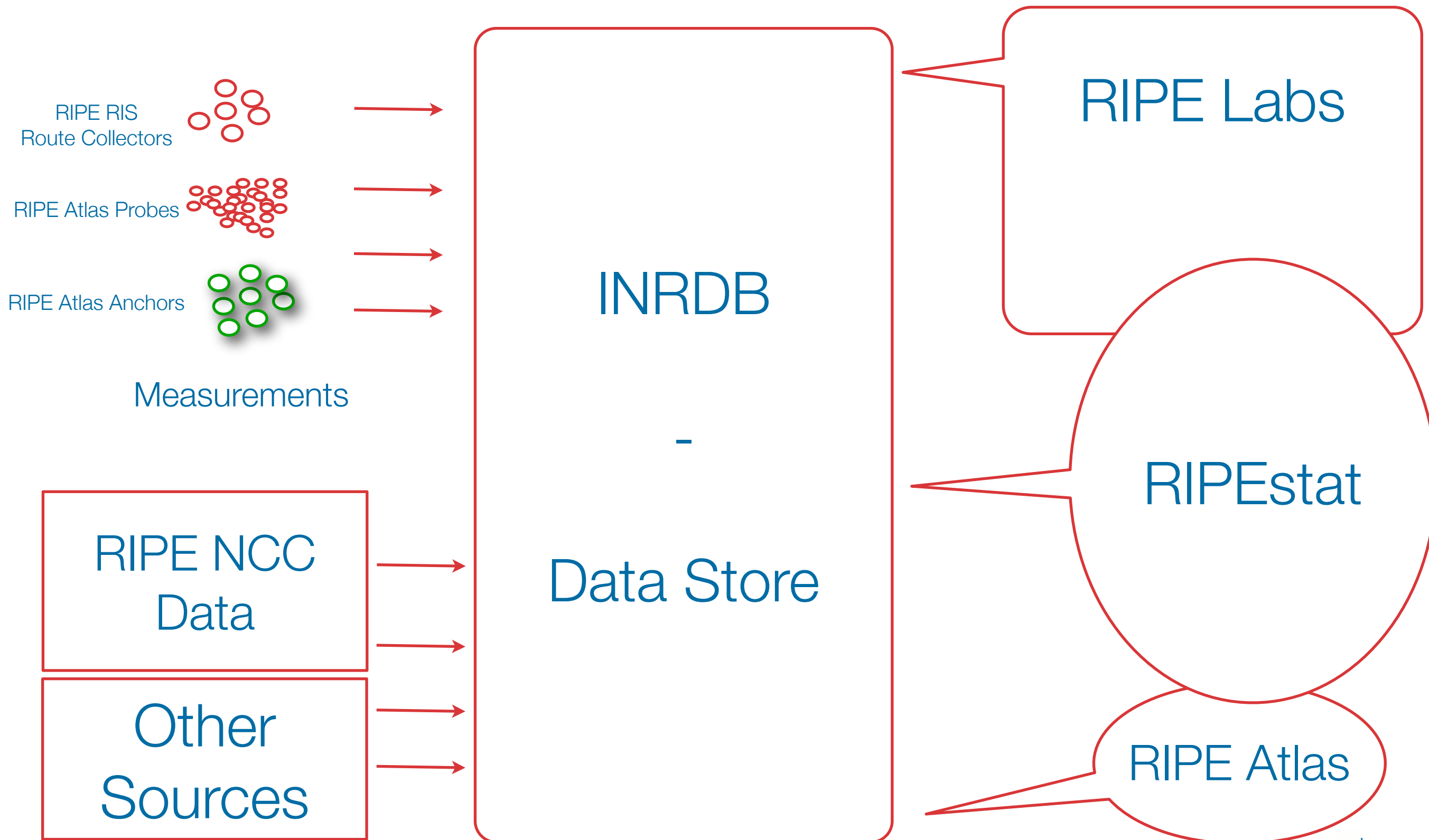




# Data, Measurements & Tools 2012



# Data, Measurements & Tools 2012





Questions?

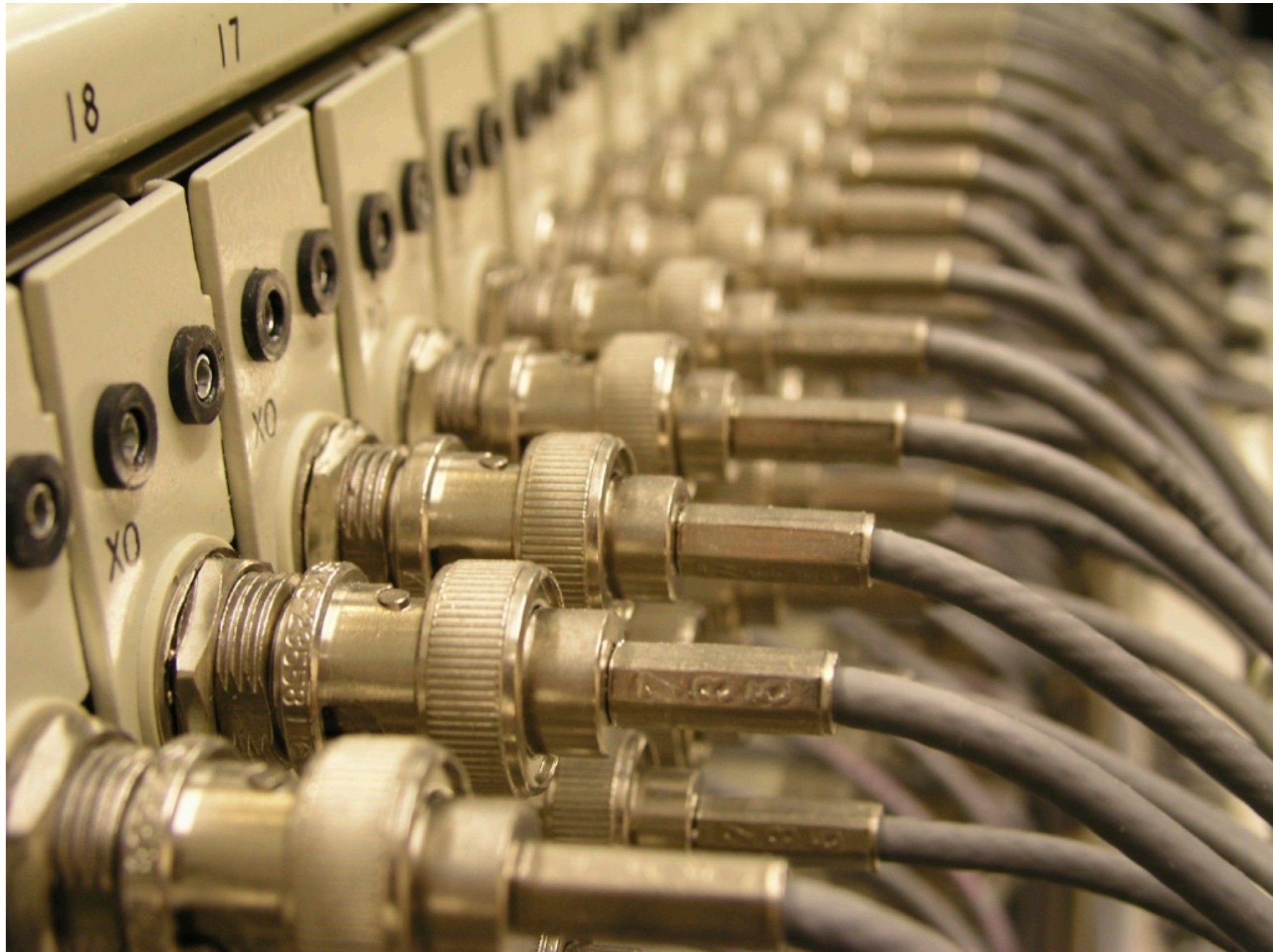
Strategy

Discussion ?



# But what about TTM?

- TTM was built for this era:





# But what about TTM?

- But we are here:





# But what about TTM?

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- Deployed Equipment is aging ...



# But what about TTM ?

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- TTM users want:
  - time service
  - general interest
  - NOC compatible measurements
- We evaluated the options
  - Continuing TTM as-is would require almost total re-deployment
  - Alternative: shut down TTM and satisfy user requirements by more light-weight RIPE Atlas anchors

# Evolve TTM

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- RIPE NCC decided to shut down TTM by end of Q3/2012
  - enable TTM hosts to continue time service
  - enable TTM hosts to continue local measurements
  - best effort help / hardware supply
- Develop RIPE Atlas Anchors
- Reactions from TTM hosts are positive



TTM  
Questions ?  
Way forward



# Then what about dnsmon ????

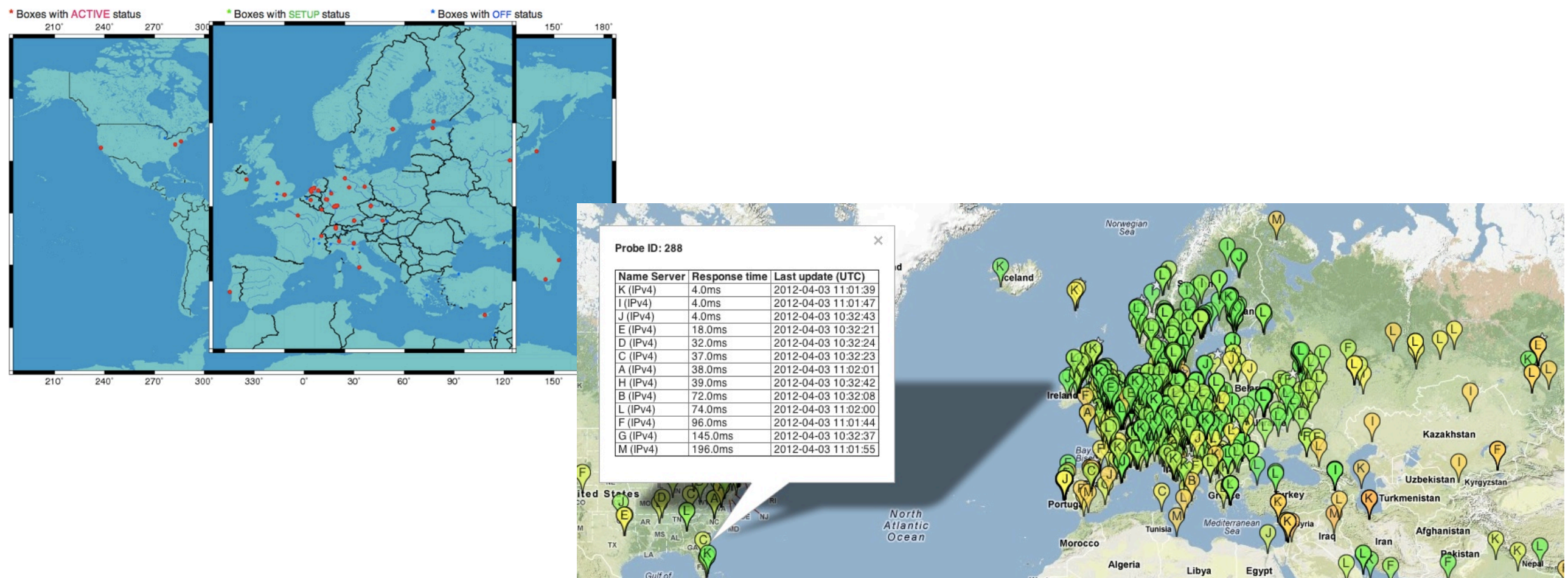
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- dnsmon measurements done by TTM boxes
- dnsmon still very much used



# Then what about dnsmon ????

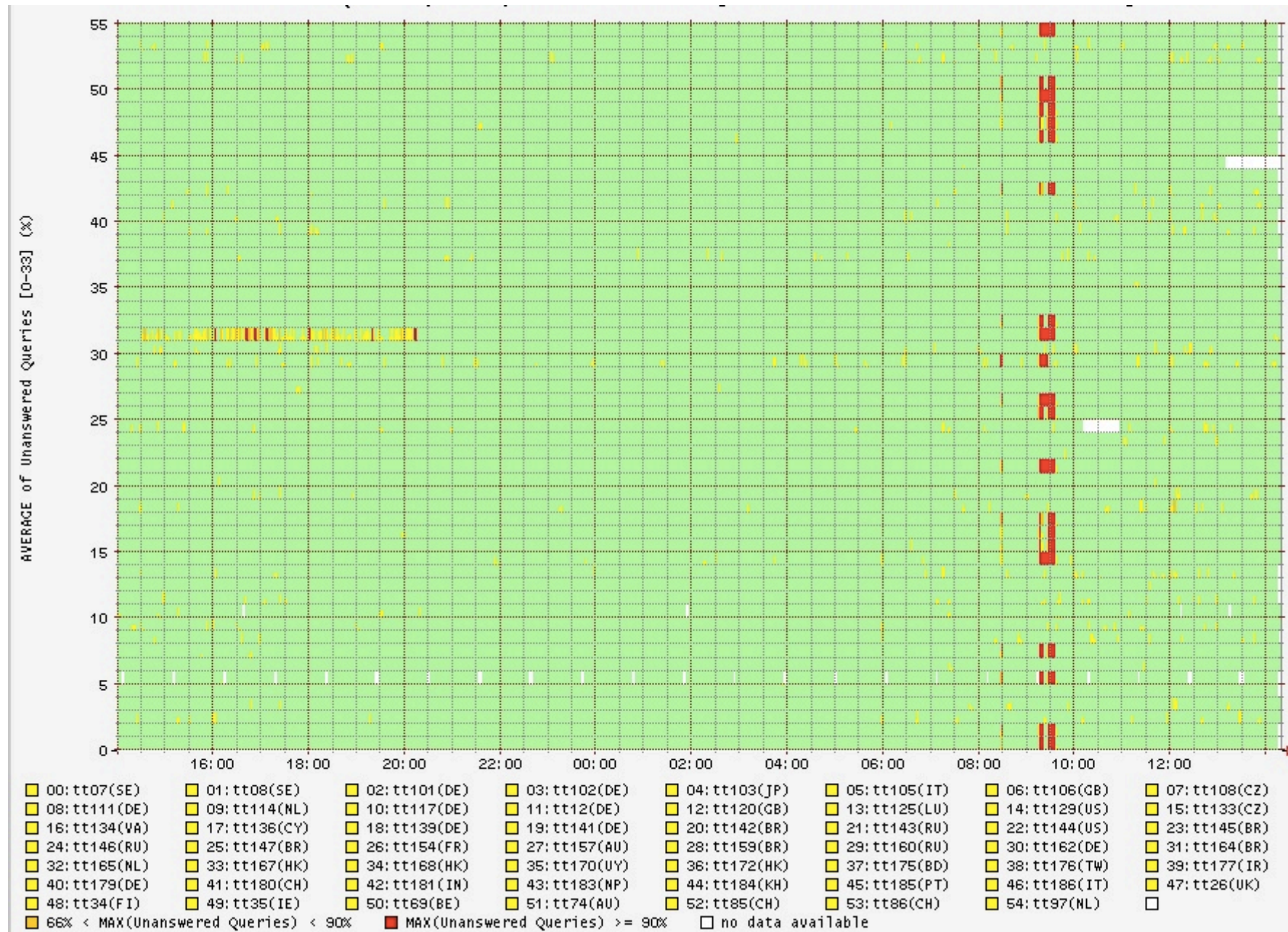
- Good news: RIPE Atlas can do the same measurements today
  - 1000s of Atlas probes better than 10s of TTM boxes





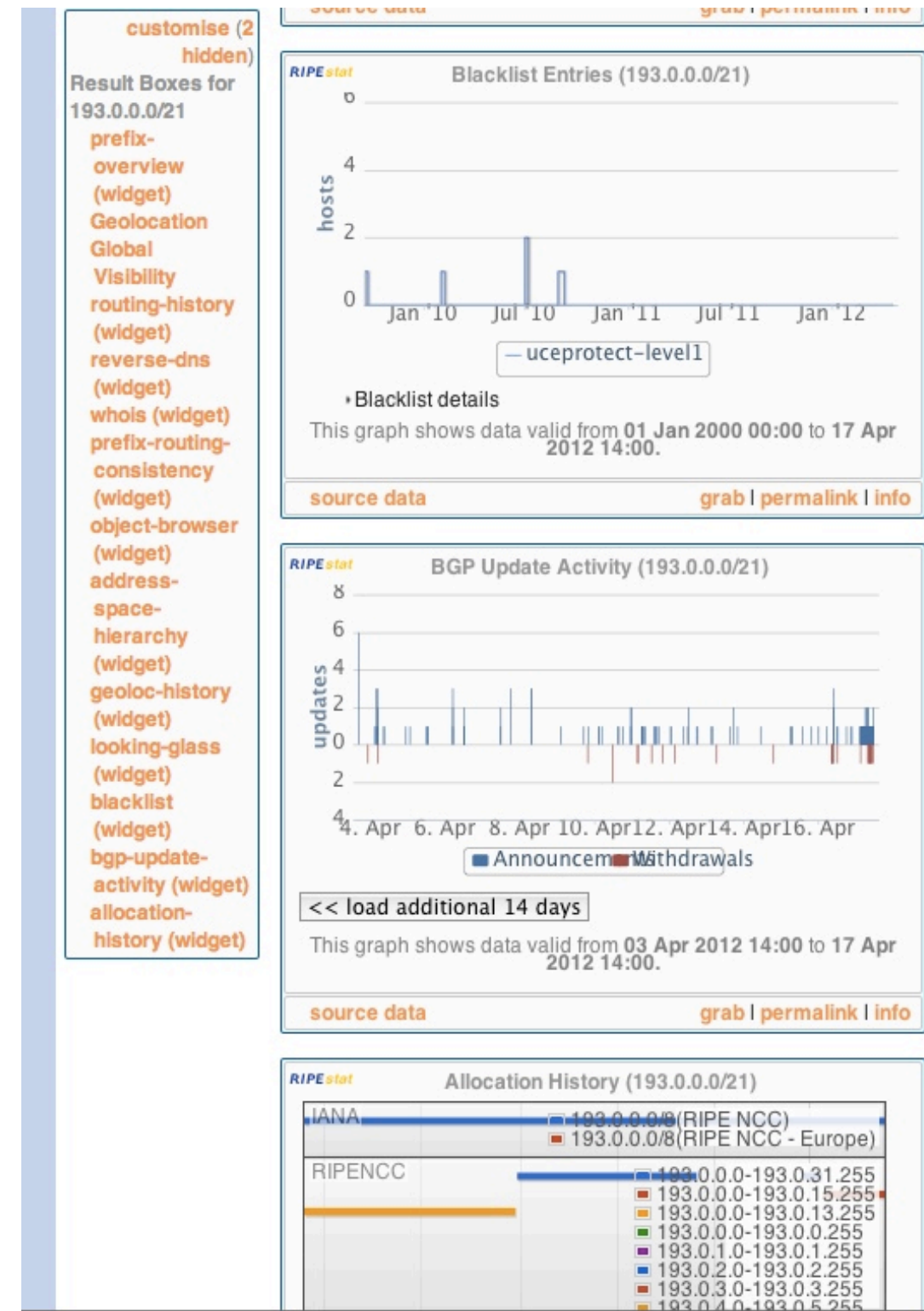
# Then what about dnsmmon ????

- but Atlas probes are not TTM boxes



# Then what about dnsmon ????

- generic alarm service ?
- presentation/visualisation ?
- correlation with other data:
  - BGP
  - registration
  - ....
- This is RIPEstat !
- A concrete plan is needed.





dnsmon  
Questions ?  
Way forward

