Abuse Finder

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# Outline
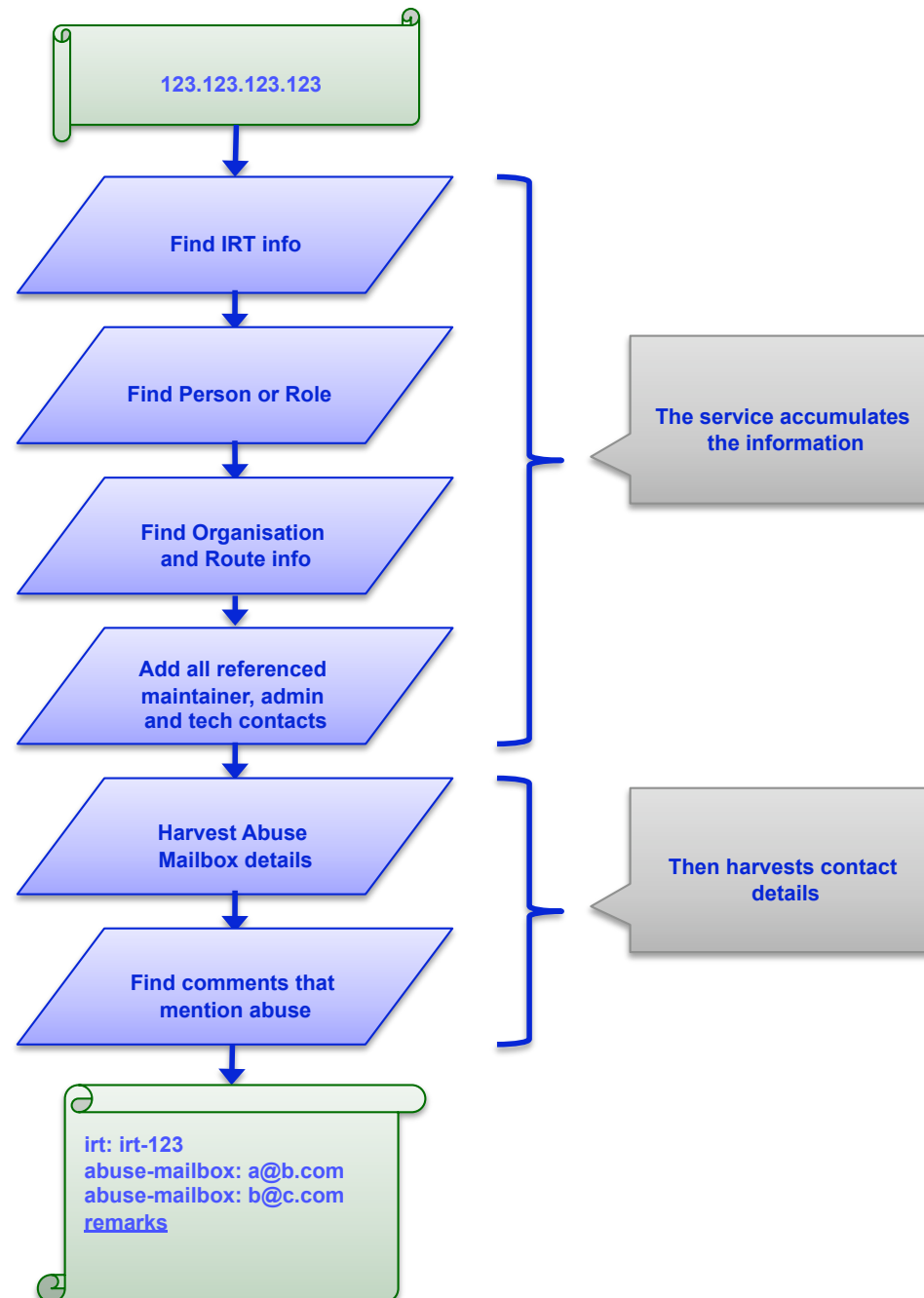
- RIPE Database RESTful Query WS

- Abuse Finder tool

Publications on RIPE Labs

- RIPE Database Query API in the form of RESTful Web Services:

  - REST allows for "create, read, update, and delete" transactions over HTTP

  - Resources have a unique portable address in the form of an URL

  - Web Service responds in XML and JSON

  - Response is easy to parse by script

  - XML can be easily transformed (to RPSL for example) using style sheets
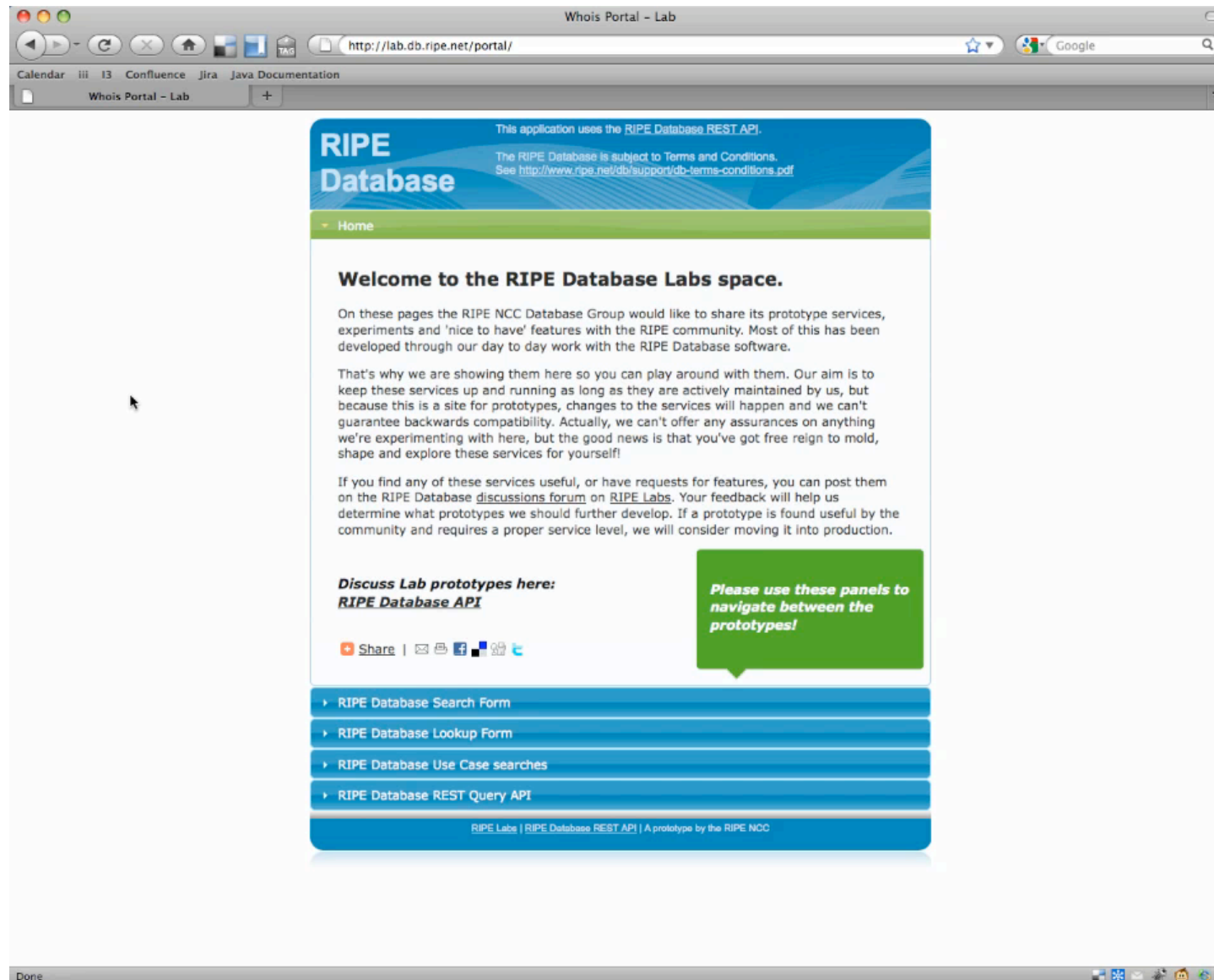
  - Protocol has big industry support. Google, Amazon…

"Abuse Finder" Use Case Search
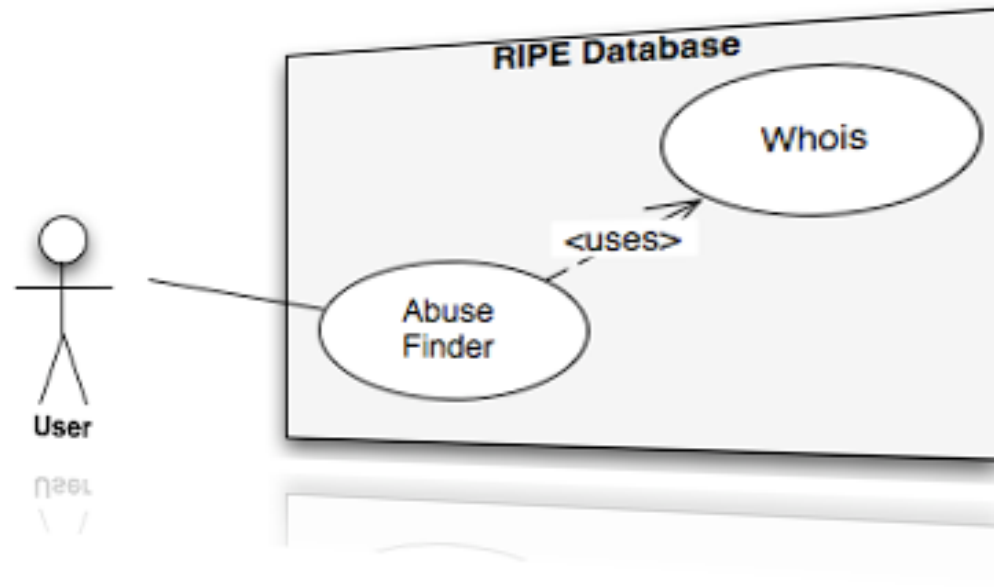
- Precise answer to a specific question

- Give me the Abuse Handler details for this network resource?

- We'll do the data mining!

RIPE
NCC

123.123.123.123

Find IRT info

Find Person or Role

Find Organisation and Route info

Add all referenced maintainer, admin and tech contacts

The service accumulates the information

Harvest Abuse Mailbox details

Find comments that mention abuse

Then harvests contact details

irt: irt-123
abuse-mailbox: a@b.com
abuse-mailbox: b@c.com
remarks

Abuse Finder Demo

Abuse Finder Service

- A "quick and dirty" script shows:

  - Roughly 50% of allocations are not covered by any kind of abuse contact info.

- Go ahead, and start using the abuse finder API…

- *Hint: Split Files + Abuse Finder + Script…*

Questions?

THANK YOU!