# About Ret

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### **NLnet**

- Started in 1989 by the NLUUG
  - stimulate electronic information exchange
  - the first internet backbone in Holland
- NLnet Holding B.V. started in 1994, Sold in 1997
- Foundation continued
  - Funding research and software projects that aid the Internet community
- In 1999 started NLnet Labs (2 persons)
  - Develop Open Source software and open standards for the benefit of the Internet.



## Ninet Labs Now (8 persons)

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## **NInet Labs Now**

#### Mission:

To provide globally recognized innovations and expertise for those technologies that turn a network of networks into an Open Internet for All.

#### Objective:

to develop and distribute on a non-profit basis Open Source Software and Open Standards for the Internet, and furthermore do all that is directly or indirectly connected in the broadest sense



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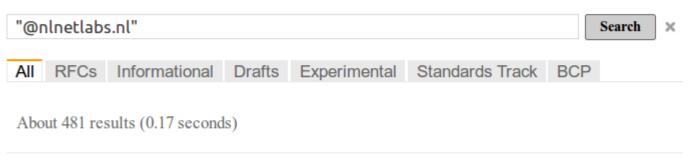
- Other tooling/libraries
  - Idns
  - Net::DNS & Net::DNS::SEC





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- RFC3750, RFC3904, RFC4641, RFC5702, RFC6605, RFC6635, RFC6672, RFC6781, RFC7129
- Draft-wijngaards-dnsop-confidentialdns
- Draft and RFC Search



RFC 7127 - Characterization of Proposed Standards

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#### • Student projects:

- Measuring the deployment of DNSSEC over the Internet, Nicolas Canceill, University of Amsterdam, July 2014
- Analysis of Growth and Stability of the Internet Routing Infrastructure, Tim Blankers, Vrije Universiteit, July2014
- Open Data Analysis to Retrieve Sensitive Information Regarding National-Centric Critical Infrastructures, Renato Fontana, University of Amsterdam, February 2014
- Securing the last mile of DNS with CGA-TSIG, Marc Buijsman, University of Amsterdam, January 2014
- Structural Measurement and Tracking of Path MTU and Fragmentation Porblems, Warwick Louw, January 2014



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- Governance, Policy making
  - Chair in Internet Architecture Board (IAB) from 2007-2011
  - Seats in Security and Stability Advisory Committee (SSAC) for ICANN
  - Jaap can tell more...
- Serve the community
  - RIPE DNS-WG Chair



## SAND

## What do we bring (in) What do we expect (out)

- Involvement, Experience, Insight, Knowledge
- We know a bit, we want to learn

