

Tool for Quantitative
Analysis of IETF
mailinglists



What

- Data collection (~34 GB!)
- Basic statistics
- Word analysis
- Network analysis

How

- Jupyter notebooks
- Python
 - pandas
 - nltk
 - networkx
 - etc

Issues

- `??, 12 1 2006 18:24:14 +0100`
- `iso-f675-5 unknown encoding in message`
- `??????,01 ???? 2002 20:15:33 +0800`
- `x-unknown unknown encoding in message`
- `Fri, 32 Jan 2008 19:05:18 +0900`

Where

<https://github.com/dataactive/bigbang/>

Who



UNIVERSITY OF AMSTERDAM

Berkeley
UNIVERSITY OF CALIFORNIA

DATACTIVE

Statistics

1.944.019 e-mails

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From 192.046 mailaddresses

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On 955 analyzed mailinglists

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from 19204 mailaddresses
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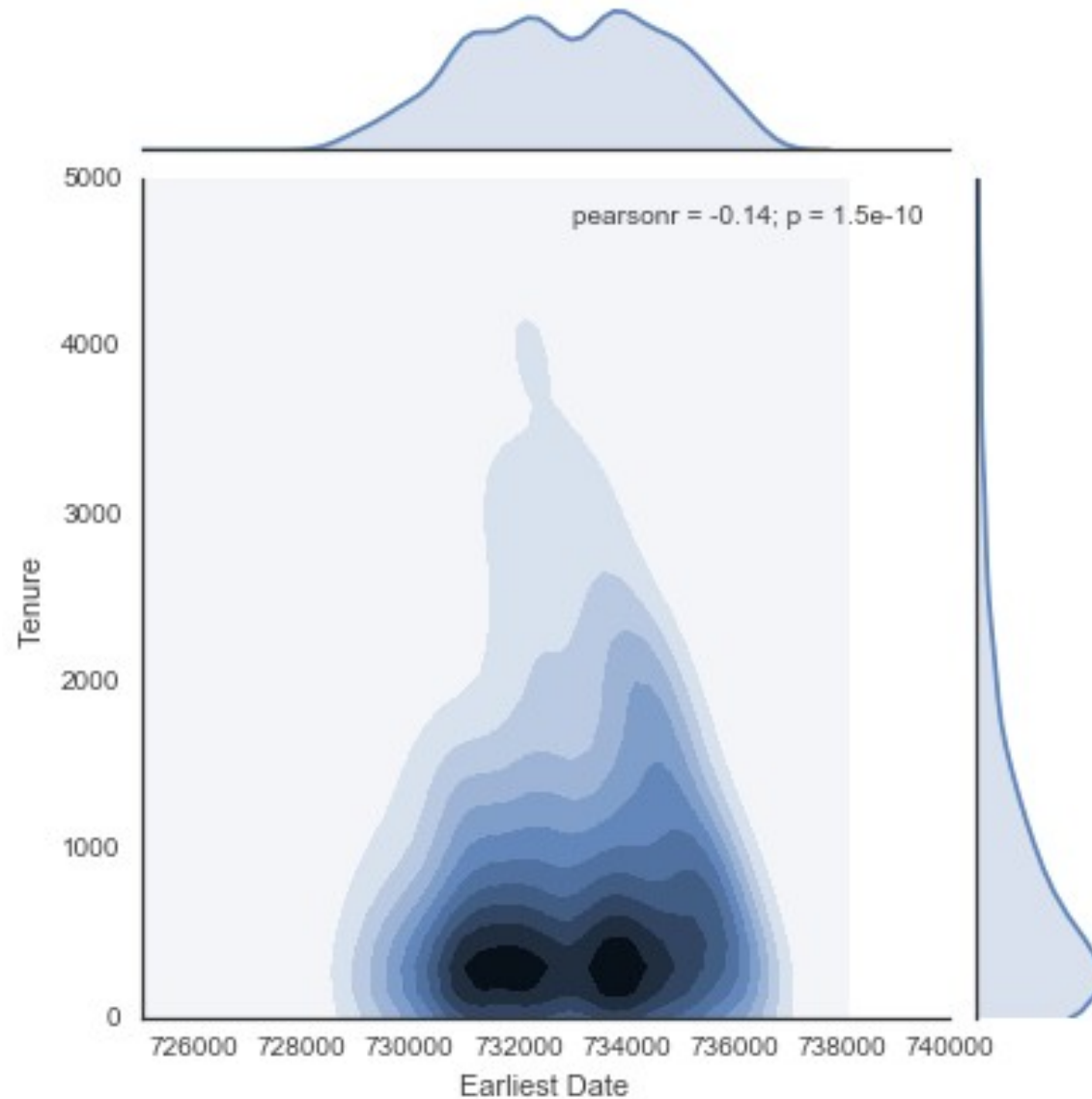
1 mailaddress sent 80.533 messages

Statistics

1.944.019 e-mails
from 19204 mailaddresses
On 955 analyzed mailinglists

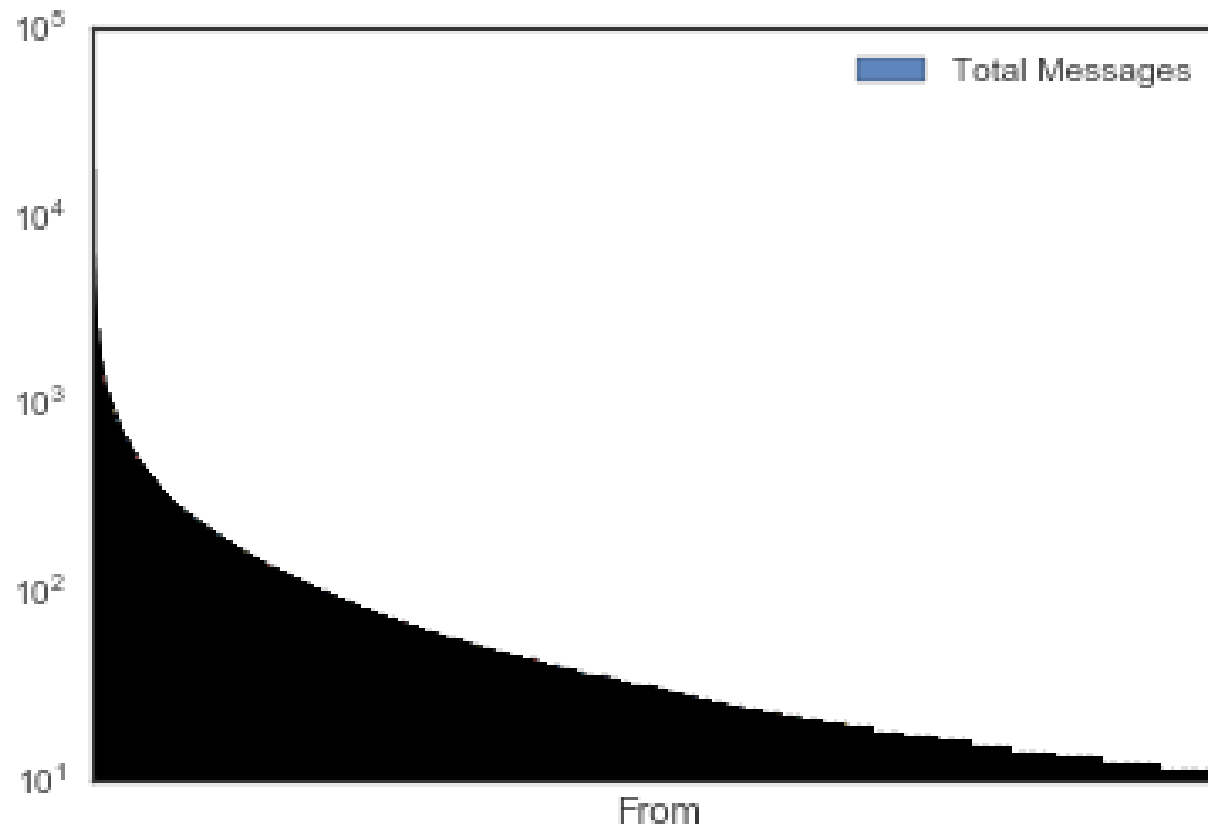
1 mailaddress sent 80533 messages
Most contributors sent 1 or 2 messages (spam?)

Length of time people participate



Mailinglists are NOT dominated by early participants

Number of messages sent by contributor

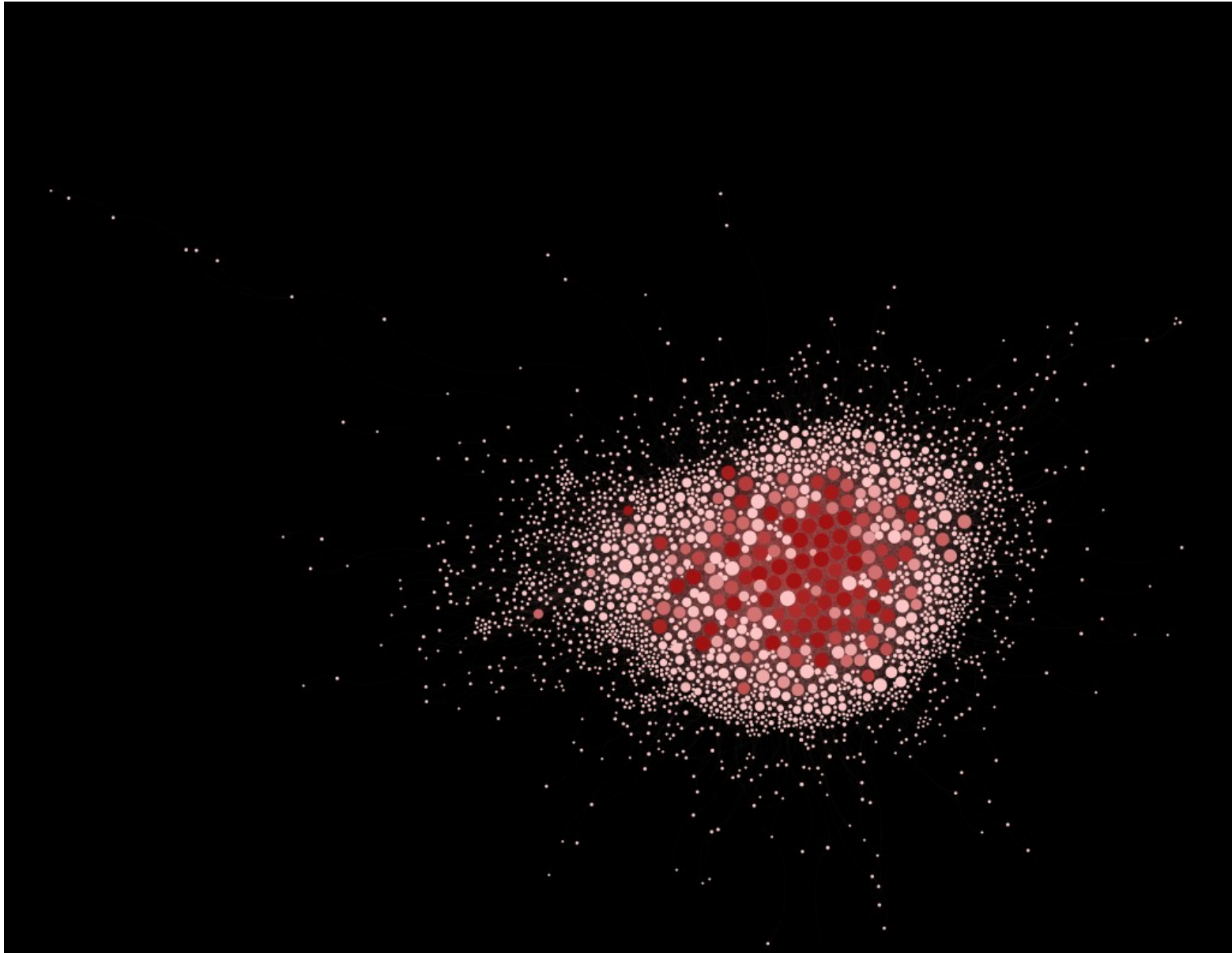


Threads on ietf@ietf.org

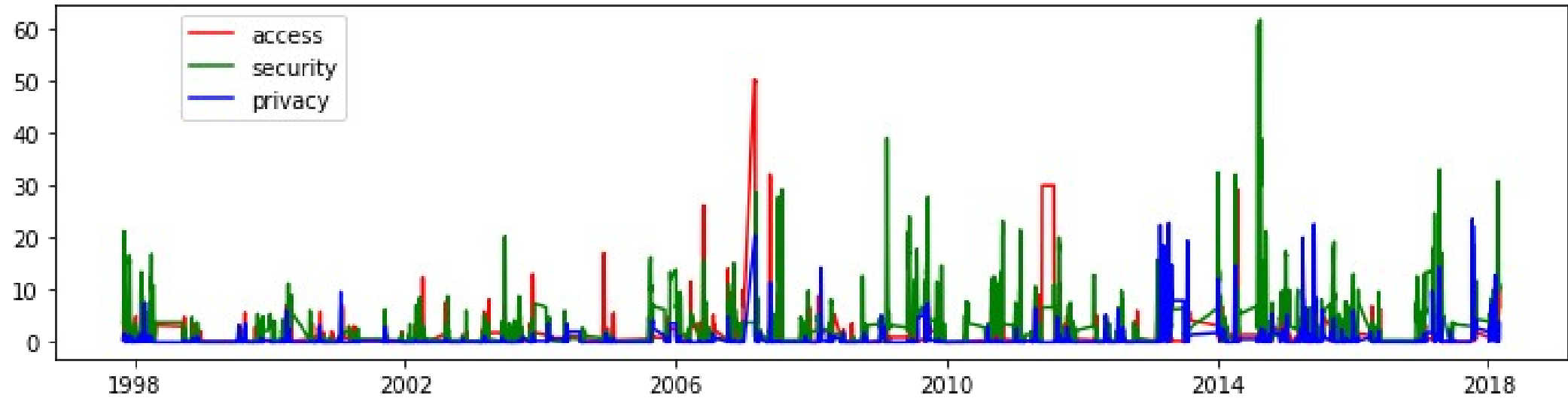
Longest threads:

- Concerns about Singapore (201 emails)
- Request for community guidance on issue concerning a future meeting of the IETF (156 emails)
- Hotel situation (141 emails)
- Proposed Photography Policy (138 emails)
- DMARC: perspectives from a listadmin of large open-source lists (135 emails)
- Background on Singapore go/no go for IETF 100 (124 emails)
- Diversity of IETF Leadership (103 emails)
- RFP for Remote Participation Services Specifications Development (94 emails)
- IETF Diversity Question on Berlin Registration? (89 emails)

Degree centrality on ietf@ietf.org



Word trends on ietf@ietf.org



Join us!

Mailinglists:

<https://lists.ghserv.net/mailman/listinfo/bigbang-dev>

<https://lists.ghserv.net/mailman/listinfo/bigbang-user>

GitHub

<https://github.com/dataactive/bigbang/>