



BigBang Update

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IETF 118

BigBang 0.5 Goffman

The work for this release was initiated at the Internet Engineering Task Force 116 Hackathon.

- New Notebook: Email Body Named Entity Recognition
- New Notebook: Extracting the sentiment versus estimated gender of participants on the mailing list.
- Updates to the README
- Change from `requests` to `urllib` in `mailmain` ingest module
- Replace `bin/` scripts with command line interface
- Fixed regression error in archive restoration

Next steps: mapping actor dominance in working groups

Article 19 is working with BigBang to *map dominance in Internet SDOs*

Who are the *actors* most active in each working group, over time?

Actors	Activities
Individuals	Leadership (WG Chairs)
Organizations (affiliations, institutions)	Authorship (RFC authors)
	Influence (Mailing list activity)

BigBang 0.6 Roadmap

- Data ingest:
 - Update default IETF email ingest behavior – to use `IMAP` or `rsync`
 - Other refactoring and maintenance of existing scripts and notebooks
 - W3C leadership and authorship data
- Analysis
 - Scripts for computing activity in Leadership, Authorship, and Influence across multiple SDOs
- Looking forward: a feasibility study of other SDOs, including:
 - 3GPP
 - ITU-R and ITU-T

Grant proposal

Working on a grant proposal for developing a new dashboard, based on BigBang.

- Building on the actor dominance project, show map of interactions between actors within and across working groups.
- NLP analysis of topics discussed over time.

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

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