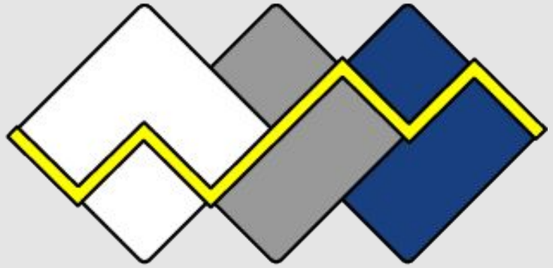

Internet Architecture Board

Some IAB Activities…

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IETF 122, Bangkok

Agenda

- Whats IAB?
- IAB Workshops
- IAB Technical Programs
- Role of IAB in bringing new work
- Any interest? Ideas?

IAB
Internet Architecture Board

- The Internet Architecture Board (IAB) supports the operation of the IETF by providing **long term technical direction**.
  - It provides **architectural oversight** into IETF technical activities as well as sponsoring and organizing work in the **IRTF**.
  - The IAB acts as a source of advice and guidance concerning technical, architectural and procedural matters pertaining to the Internet and its enabling technologies.
  - It is chartered both as a committee of the IETF and as an advisory body of the Internet Society (ISOC).
- We also do - Workshops, Programs, Liaison Coordination, Advice to ISOC, Outreach, Coordination with IANA, IRTF Chair, Standards Process Oversight and Appeal, IESG Confirmation
- https://www.iab.org/

IAB Workshop
Purpose

- Address current challenges and explore emerging technologies.
- Provide input for future work within IETF and IRTF.
- Enhance understanding of technical issues affecting the Internet.
- Influence the future direction of Internet architecture and standards.

IAB Workshop
Topic & Format

- Cover a broad range of Internet architecture and operational issues.
- Organized as needed based on timely and relevant topics identified by the IAB.
- Participants submit position papers to contribute to discussions.
- Focused primarily on in-depth discussions rather than formal presentations.

IAB Workshop
Impact & Outcome

- Serve as a catalyst for deeper technical discussions and engagement.
- Generate actionable conclusions and next steps.
- Nudge IETF work and inspire further research within the IRTF.
- Facilitate focused conversations leading to insightful discussions.

IAB Workshop
Recent

- IAB Workshop on the Next Era of Network Management Operations (NEMOPS) (December 2024)
  - Some participation from Routing Experts who are also active in Management space…
- IAB Workshop on AI-CONTROL (September 2024)
- IAB Workshop on Barriers to Internet Access of Services (BIAS) (January 2024)
- IAB workshop on Environmental Impact of Internet Applications and Systems (December 2022)

IAB
Technical Program

- IAB Technical Programs support the IAB in raising awareness and discussion of specific concerns in the community related to the long-term perspective on the Internet informed by technical and architectural considerations.
  - **Initiation**: Programs are established to address current technical or architectural issues identified by the IAB.
  - **Activities**: These programs may organize workshops, support the IAB in drafting documents, or serve as discussion groups to influence community actions.
  - **Duration**: A program concludes once its specific concern is addressed or sufficient community awareness is achieved.
  - **Open Participation**: New programs are announced publicly, inviting interested parties to join mailing lists and contribute.
  - Current Programs:
    - Evolvability, Deployability, & Maintainability (EDM)
    - Environmental Impacts of Internet Technology (EIMPACT)

IAB
New Work

- **BOF** (Birds of a Feather)
  - Provide architectural **oversight**
  - Participate in **BoF coordination** calls
  - IAB members **shepherd** BoF -
    - Active role in providing guidance to BOF proponents on defining scope and goals.
    - Ensures that BOF sessions have a clear problem statement and path forward.
  - IAB members **cover** BoFs
    - Provide a BoF evaluation report
    - any architectural concerns
  - Review all proposed WG charter as well as re-charters!
- Lurk at Side Meetings
  - in Individual capacity
- Liaise with external entities
  - on need basis

IAB
New Work

- **New Work Help Desk**
  - Supports individuals looking to bring **new work** to the IETF.
    - **Guidance Provided**:
      - Clarification on **formal processes and tooling**.
      - Technical discussions as far as possible.
      - Connection to the **right experts** when needed.
    - **Experimental Initiative**:
      - Currently for **in-person participants** only.
      - If successful, future expansions may be considered.
  - **Location**: **Level 2 Foyer**, near IETF registration.
      - **Tuesday, 2025-03-18 → Session II (13:00 - 15:00)**
      - **Thursday, 2025-03-20 → Session I (09:30 - 11:30)**

IAB
Routing Topics

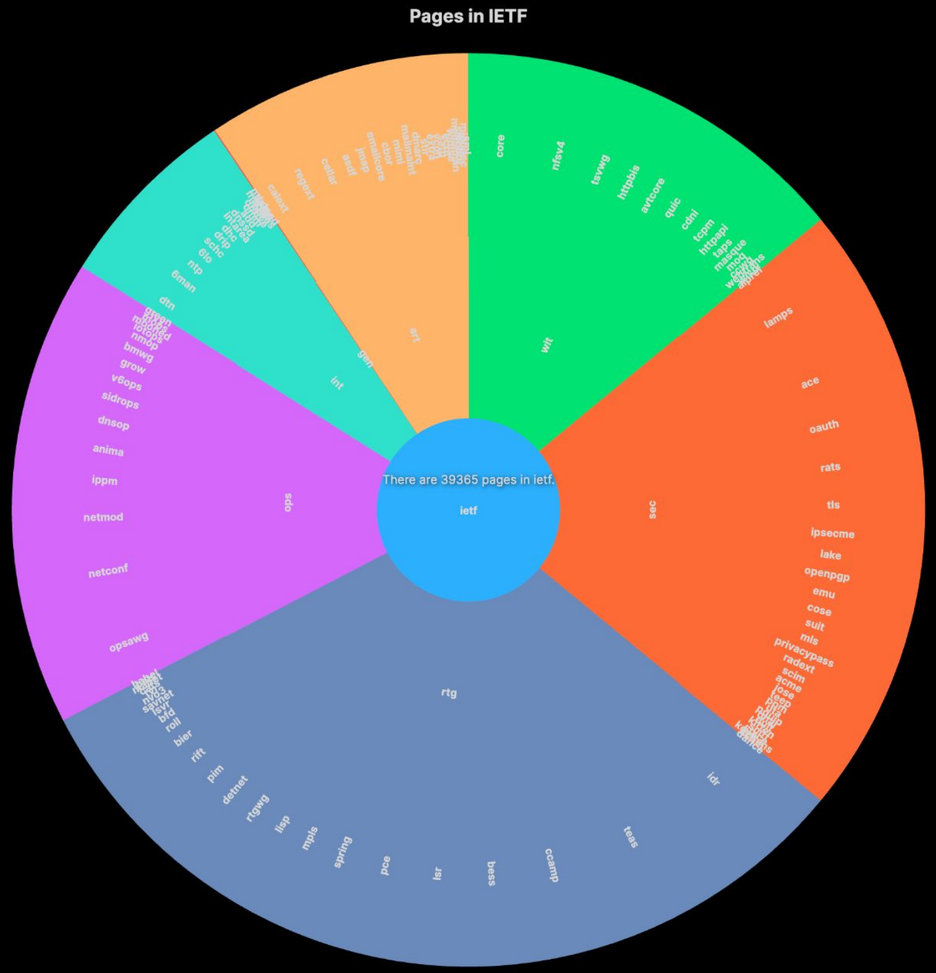
- Are there any routing related topics that could benefit from the structure of
  - IAB Workshops
  - IAB Technical Programs
  - IAB stream RFCs
  - Any architectural concerns in Routing area that needs broader inputs

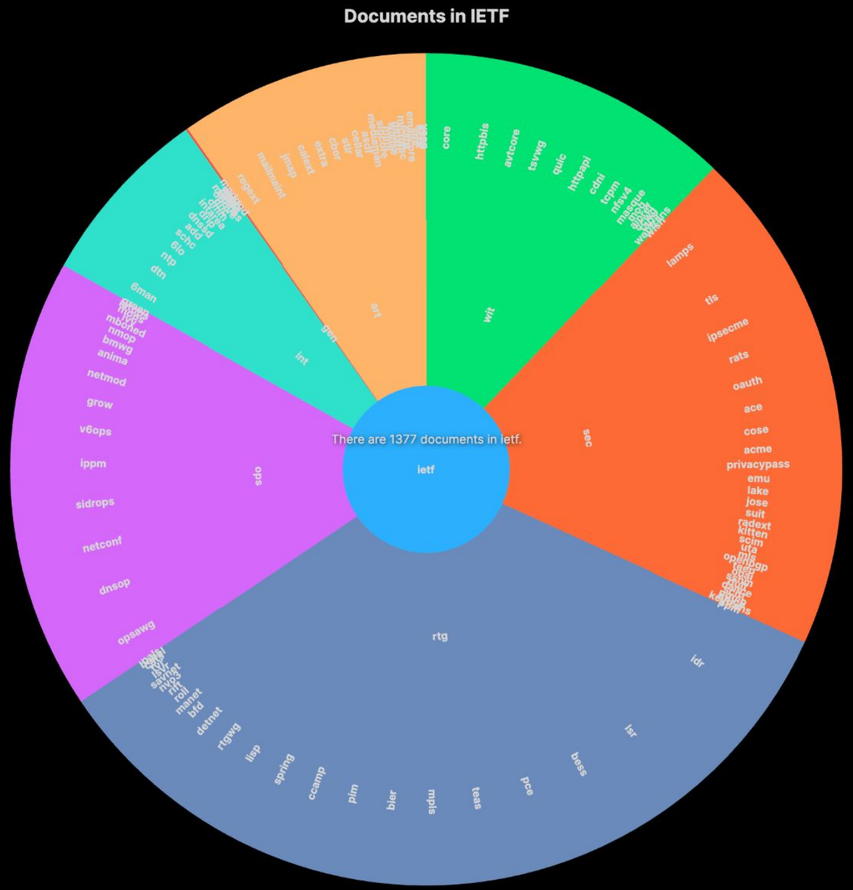
- Reach out any of the IAB members or the whole IAB (iab@iab.org) with your ideas and concerns.
  - You have WG chairs and former ADs from RTG area on the IAB ready to assist you…

thank you.

Backup

IETF
Routing Area





https://datatracker.ietf.org/area/