

**ASDF**  
**Virtual interim**  
**2021-04-21**

Chairs: Michael Richardson, Niklas Widell

# Note Well

- You will be recorded
- Be nice, and be professional
- The IPR guidelines of the IETF apply:  
see <http://ietf.org/ipr> for details.

**Repo: <https://github.com/ietf-wg-asdf/asdf-working-group-notes>**

**Notes: <https://codimd.ietf.org/notes-ietf-110-asdf>**

# Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

- By participating in the IETF, you agree to follow IETF processes and policies.
- If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.
- As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.
- Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.
- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (<https://www.ietf.org/contact/ombudsteam/>) if you have questions or concerns about this.

Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- [BCP 9](#) (Internet Standards Process)
- [BCP 25](#) (Working Group processes)
- [BCP 25](#) (Anti-Harassment Procedures)
- [BCP 54](#) (Code of Conduct)
- [BCP 78](#) (Copyright)
- [BCP 79](#) (Patents, Participation)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)



# Agenda

1. Note Well. <https://www.ietf.org/about/note-well/>
2. Logistics for Meeting/admin
  1. CodiMD for notes <https://codimd.ietf.org/notes-ietf-interim-2021-asdf-01-asdf>
  2. Agenda bash
3. WG status update
4. SDF.next
5. AOB?

# Administrative

- CodiMD for notes <https://codimd.ietf.org/notes-ietf-interim-2021-asdf-01-asdf>
- Meetecho/webex: <https://ietf.webex.com/ietf/j.php?MTID=mb5b5feec3f73b934e3ec7f25fab7c929>
- All ASDF notes at:  
<https://github.com/ietf-wg-asdf/asdf-working-group-notes.git>

# WG procedures

- Decisions on mailing list: <https://www.ietf.org/mailman/listinfo/asdf>
- Work on Github: <https://github.com/ietf-wg-asdf>
  - Use Issue tracker for issues (new features and fixes)
- Schedule (doodle) regular virtual interims between virtual physical meetings

# Status update

- **Status:** ASDF WG was chartered in October 2021
- **Chairs:** Michael Richardson and Niklas Widell
- **Progress so far:**
  - IETF 109 with Hackathon
  - Two virtual interims
  - IETF 110 with Hackathon
  - SDF 1.1 Implementation Draft published <https://datatracker.ietf.org/doc/draft-ietf-asdf-sdf/>
- **Meeting plans:**
  - Additional interims to be planned

# ASDF Outreach

- Value of ASDF increases with increased adoption of SDF by organisations doing IoT data models
- Outreach so far (beyond OneDM)
  - ASDF presented to DMSE (LwM2M) group in OMA SpecWorks
  - SDF proposed to ISO/IEC JTC1 SC41 for IoT Thing modeling
  - W3C Web of Things
  - Other use cases: Electronic Data Sheets, Textile manufacturing
- **If your organisation works with IoT data models, we want to hear from you!**



# SDF.next

- Multi-instance sdfThings (discussion in OneDM, PR to be written)
- **#12: Allow URIs as unit values (beyond SenML registry)?**
- #26: Rules for combining infoblocks
- #27: Factoring sdfChoice
- **#28: Allow one model to contribute to more than one namespace?**
- **#29: Split version field into date, version, token-holder, feature-tags?**
- **PR #30: Fully define semantics of sdfRef + overrides (use RFC 7396)**
- (Editorial: PR #31)