



Open-Source @ DIN/DKE: Our approach & perspective

Daniel Haack

About DIN e.V.

Neutral platform for standardization in Germany

- Private non-profit organization
- Employees DIN Group \approx **800**
- Experts \approx **35.500**
- DIN standards \approx **34.000**
- DIN standards committees **69**

Why is OS relevant for us?

Guess what...

Our business is Standardization.

We don't want to become the next OS-Foundation.

But...

Since Digitization is almost everywhere, the needs of our stakeholders have changed.

We hope that OS can help us to improve the Standardization process.

We want to evolve Standardization.

Goals of OS @ DIN/DKE

We seek to incorporate OS implementation into state-of-the-art standardization practices, fostering greater value for those involved in both creating and utilizing standards.

We want to give our experts the opportunity to supplement the standards with OS development and thus increase interoperability and outreach.

We want to bring the standardization and OS communities together and thus ensure more diversity in standardization committees.

Use-Case „Open SPEC“

DIN SPEC with Creative Commons license

- It basically follows the established process but is published under a Creative Commons license (CC-BY +SA/NC).
- Enables publication on external platforms.
- Enables implementation into OSS/OSH.
- Enables free further development and processing of the content and feedback into further (DIN/DKE) standardization projects.
- The Open SPEC is free of charge.
- Dual licensing facilitates seamless transition to international standardization.

Use-Case „OS Add-On“

Additional Open Source development

- It complements (existing) DIN/EN/ISO standards and Specifications with OS developments/implementations (e.g. test tools or reference implementations).
- The deliverable is non-normative.
- The Initiative and legitimation is carried out by the relevant standardization bodies/consortia.
- Add-on and standard are decoupled in terms of releases.
- The “stable” publication appears (at least) in DIN publishing house.

Pilots

IWA „Reference Architecture for Data-Driven Agrifood Systems“

- OS development/Implementation of RA
- “maintained” by DIN

DIN SPEC 91607 "Digital Twin for cities and communes"

and

DIN/DKE SPEC 99100 “Battery passport”

- Published under CC licence
- DIN/DKE provides a platform for further development

OS @DIN/DKE

Next steps:

- Run pilots – accumulate experience
- Shape concepts
- Expand network (also by entering partnerships)
- Establish OSPO (also for internal OS)
- Define business models
- Share experience with standardization-ecosystem

Participation in European IT-Standardization



National Delegation

- Get in touch with your local NSB/NC
- NA 043-04-13 GA : Martin.Uhlherr@din.de

Liaison Organization

- Study Guide 25:
<https://www.cencenelec.eu/media/Guides/CEN-CLC/cenclcguid25.pdf>
- Get in touch with CCMC
partners@cencenelec.eu

What else?

My thoughts on a coordination strategy

- Identify relevant European standardization bodies and committees (CRA – JTC13/WG9)
- Gather candidates, define roles
- Actively engage in relevant working groups through a national body
- Apply for becoming a liaison organization
- Align comments with community (e.g. other OS-Foundations)
- Participate in meetings where comments are discussed and resolved

Try to get funding via Stand.ICT

Help me to help you



Thanks for your attention!
Any Questions?

Feel free to contact me:
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